

Yonsei University

1: Shin I, Park YW, Ahn SS, Kang SG, Chang JH, Kim SH, Lee SK. Clinical and Diffusion Parameters may Noninvasively Predict TERT Promoter Mutation Status in Grade II Meningiomas. *J Neuroradiol*. 2021 Mar 11:S0150-9861(21)00056-0. doi: 10.1016/j.neurad.2021.02.007. Epub ahead of print. PMID: 33716047.

2: Nagoshi N, Watanabe K, Nakamura M, Matsumoto M, Li N, Ma S, He D, Tian W, Jeon H, Lee JJ, Kim KN, Ha Y, Hong Kwan KY, Po Cheung AK. Does Diabetes Affect the Surgical Outcomes in Cases With Cervical Ossification of the Posterior Longitudinal Ligament? A Multicenter Study From Asia Pacific Spine Study Group. *Global Spine J*. 2021 Mar 10:2192568221996300. doi: 10.1177/2192568221996300. Epub ahead of print. PMID: 33715508.

3: Park YW, Eom J, Kim S, Kim H, Ahn SS, Ku CR, Kim EH, Lee EJ, Kim SH, Lee SK. Radiomics with Ensemble Machine Learning Predicts Dopamine Agonist Response in Patients with Prolactinoma. *J Clin Endocrinol Metab*. 2021 Mar 13:dgab159. doi: 10.1210/clinem/dgab159. Epub ahead of print. PMID: 33713414.

4: Shin JJ, Jeon H, Lee JJ, Kim HC, Kim TW, An SB, Shin DA, Yi S, Kim KN, Yoon DH, Nagoshi N, Watanabe K, Nakamura M, Matsumoto M, Li N, Ma S, He D, Tian W, Kwan KYH, Cheung KMC, Riew KD, Hoh DJ, Ha Y; Asia Pacific Spine Study Group (APSSG). Predictors of neurologic outcome after surgery for cervical ossification of the posterior longitudinal ligament differ based on myelopathy severity: a multicenter study. *J Neurosurg Spine*. 2021 Mar 12:1-10. doi: 10.3171/2020.8.SPINE20504. Epub ahead of print. PMID: 33711809.

5: Choi J, Lee JY, Whang K, Cho S, Kim J. Factors associated with hemodynamic instability following carotid artery stenting. *Clin Neurol Neurosurg*. 2021 Mar 2;203:106589. doi: 10.1016/j.clineuro.2021.106589. Epub ahead of print. PMID: 33706060.

6: Lee SJ, Cho YE, Kim KH, Lee D. Developing a Quantifying Device for Soft Tissue Material Properties around Lumbar Spines. *Biosensors (Basel)*. 2021 Feb 28;11(3):67. doi: 10.3390/bios11030067. PMID: 33670989.

7: Bae SH, Jeon Y, Hong CK, Song CI. Is the cochleovestibular nerve function affected in patients with hemifacial spasm? *Acta Neurol Belg*. 2021 Mar 1. doi: 10.1007/s13760-021-01632-2. Epub ahead of print. PMID: 33646532.

8: Kim KR, Chin DK, Kim KS, Cho YE, Shin DA, Kim KN, Kuh SU. Revision Surgery for a Failed Artificial Disc. *Yonsei Med J*. 2021 Mar;62(3):240-248. doi: 10.3349/ymj.2021.62.3.240. PMID: 33635014; PMCID: PMC7934106.

9: Klionsky DJ, Abdel-Aziz AK, Abdelfatah S, Abdellatif M, Abdoli A, Abel S, Abeliovich H, Abildgaard MH, Abudu YP, Acevedo-Arozena A, Adamopoulos IE, Adeli K, Adolph TE, Adornetto A, Aflaki E, Agam G, Agarwal A, Aggarwal BB, Agnello M, Agostinis P, Agrewala JN, Agrotis A, Aguilar PV, Ahmad ST, Ahmed ZM, Ahumada-Castro U, Aits S, Aizawa S, Akkoc Y, Akoumianaki T, Akpinar HA, Al-Abd AM, Al-Akra L, Al-Gharaibeh A, Alaoui-Jamali MA, Alberti S, Alcocer-Gómez E, Alessandri C, Ali M, Alim Al-Bari MA, Aliwaini S, Alizadeh J, Almacellas E, Almasan A, Alonso A, Alonso GD, Altan-Bonnet N, Altieri DC, Álvarez ÉMC, Alves S, Alves da Costa C, Alzaharna MM, Amadio M, Amantini C, Amaral C, Ambrosio S, Amer AO, Ammanathan V, An Z, Andersen SU, Andrabi SA, Andrade-Silva M, Andres AM, Angelini S, Ann D, Anozie UC, Ansari MY, Antas P, Antebi A, Antón Z, Anwar T, Apetoh L, Apostolova N, Araki T, Araki Y, Arasaki K, Araújo WL, Araya J, Arden C, Arévalo MA, Arguelles S, Arias E, Arikath J, Arimoto H,

Ariosa AR, Armstrong-James D, Arnauné-Pelloquin L, Aroca A, Arroyo DS, Arsov I, Artero R, Asaro DML, Aschner M, Ashrafizadeh M, Ashur-Fabian O, Atanasov AG, Au AK, Auburger P, Auner HW, Aurelian L, Autelli R, Avagliano L, Ávalos Y, Aveic S, Aveleira CA, Avin-Wittenberg T, Aydin Y, Ayton S, Ayyadevara S, Azzopardi M, Baba M, Backer JM, Backues SK, Bae DH, Bae ON, Bae SH, Baehrecke EH, Baek A, Baek SH, Baek SH, Bagetta G, Bagniewska-Zadworna A, Bai H, Bai J, Bai X, Bai Y, Bairagi N, Baksi S, Balbi T, Baldari CT, Balduini W, Ballabio A, Ballester M, Balazadeh S, Balzan R, Bandopadhyay R, Banerjee S, Banerjee S, Bánrési Á, Bao Y, Baptista MS, Baracca A, Barbati C, Bargiela A, Barilà D, Barlow PG, Barmada SJ, Barreiro E, Barreto GE, Bartek J, Bartel B, Bartolome A, Barve GR, Basagoudanavar SH, Bassham DC, Bast RC Jr, Basu A, Batoko H, Batten I, Baulieu EE, Baumgarner BL, Bayry J, Beale R, Beau I, Beaumatin F, Bechara LRG, Beck GR Jr, Beers MF, Begun J, Behrends C, Behrens GMN, Bei R, Bejarano E, Bel S, Behl C, Belaid A, Belgareh-Touzé N, Bellarosa C, Belleudi F, Belló Pérez M, Bello- Morales R, Beltran JSO, Beltran S, Benbrook DM, Bendorius M, Benitez BA, Benito-Cuesta I, Bensalem J, Berchtold MW, Berezowska S, Bergamaschi D, Bergami M, Bergmann A, Berliocchi L, Berlioz-Torrent C, Bernard A, Berthoux L, Besirli CG, Besteiro S, Betin VM, Beyaert R, Bezbradica JS, Bhaskar K, Bhatia-Kissova I, Bhattacharya R, Bhattacharya S, Bhattacharyya S, Bhuiyan MS, Bhutia SK, Bi L, Bi X, Biden TJ, Bijian K, Billes VA, Binart N, Bincoletto C, Birgisdottir AB, Bjorkoy G, Blanco G, Blas-Garcia A, Blasiak J, Blomgran R, Blomgren K, Blum JS, Boada-Romero E, Boban M, Boesze-Battaglia K, Boeuf P, Boland B, Bomont P, Bonaldo P, Bonam SR, Bonfili L, Bonifacino JS, Boone BA, Bootman MD, Bordi M, Borner C, Bornhauser BC, Borthakur G, Bosch J, Bose S, Botana LM, Botas J, Boulanger CM, Boulton ME, Bourdenx M, Bourgeois B, Bourke NM, Bousquet G, Boya P, Bozhkov PV, Bozi LHM, Bozkurt TO, Brackney DE, Brandts CH, Braun RJ, Braus GH, Bravo-Sagua R, Bravo-San Pedro JM, Brest P, Bringer MA, Briones-Herrera A, Broaddus VC, Brodersen P, Brodsky JL, Brody SL, Bronson PG, Bronstein JM, Brown CN, Brown RE, Brum PC, Brumell JH, Brunetti-Pierri N, Bruno D, Bryson-Richardson RJ, Bucci C, Buchrieser C, Bueno M, Buitrago-Molina LE, Buraschi S, Buch S, Buchan JR, Buckingham EM, Budak H, Budini M, Bultynck G, Burada F, Burgoyne JR, Burón MI, Bustos V, Büttner S, Butturini E, Byrd A, Cabas I, Cabrera-Benitez S, Cadwell K, Cai J, Cai L, Cai Q, Cairó M, Calbet JA, Caldwell GA, Caldwell KA, Call JA, Calvani R, Calvo AC, Calvo-Rubio Barrera M, Camara NO, Camonis JH, Camougrand N, Campanella M, Campbell EM, Campbell-Valois FX, Campello S, Campesi I, Campos JC, Camuzard O, Cancino J, Candido de Almeida D, Canesi L, Caniggia I, Canonico B, Cantí C, Cao B, Caraglia M, Caramés B, Carchman EH, Cardenal-Muñoz E, Cardenas C, Cardenas L, Cardoso SM, Carew JS, Carle GF, Carleton G, Carloni S, Carmona-Gutierrez D, Carneiro LA, Carnevali O, Carosi JM, Carra S, Carrier A, Carrier L, Carroll B, Carter AB, Carvalho AN, Casanova M, Casas C, Casas J, Cassioli C, Castillo EF, Castillo K, Castillo-Lluva S, Castoldi F, Castori M, Castro AF, Castro-Caldas M, Castro-Hernandez J, Castro-Obregon S, Catz SD, Cavadas C, Cavaliere F, Cavallini G, Cavinato M, Cayuela ML, Cebollada Rica P, Cecarini V, Cecconi F, Cechowska-Pasko M, Cenci S, Ceperuelo-Mallafré V, Cerqueira JJ, Cerutti JM, Cervia D, Cetintas VB, Cetrullo S, Chae HJ, Chagin AS, Chai CY, Chakrabarti G, Chakrabarti O, Chakraborty T, Chakraborty T, Chami M, Chamilos G, Chan DW, Chan EYW, Chan ED, Chan HYE, Chan HH, Chan H, Chan MTV, Chan YS, Chandra PK, Chang CP, Chang C, Chang HC, Chang K, Chao J, Chapman T, Charlet-Berguerand N, Chatterjee S, Chaube SK, Chaudhary A, Chauhan S, Chaum E, Checler F, Cheetham ME, Chen CS, Chen GC, Chen JF, Chen LL, Chen L, Chen L, Chen M, Chen MK, Chen N, Chen Q, Chen RH, Chen S, Chen W, Chen W, Chen XM, Chen XW, Chen X, Chen Y, Chen YG, Chen Y, Chen Y, Chen YJ, Chen YQ, Chen ZS, Chen Z, Chen ZH, Chen ZJ, Chen Z, Cheng H, Cheng J, Cheng SY, Cheng W, Cheng X, Cheng XT, Cheng Y, Cheng Z, Chen Z, Cheong H, Cheong JK, Chernyak BV, Cherry S, Cheung CFR, Cheung CHA, Cheung KH, Chevet E, Chi RJ, Chiang AKS, Chiaradonna F, Chiarelli R, Chiariello M, Chica N, Chiocca S, Chiong M, Chiou SH, Chiramel AI, Chiurchiù V, Cho DH, Choe SK, Choi AMK, Choi ME, Choudhury KR, Chow NS, Chu CT, Chua JP, Chua JJE, Chung H, Chung KP, Chung S, Chung SH, Chung YL, Cianfanelli V, Ciechomska IA, Cifuentes M, Cinque L, Cirak S, Cirone M, Clague MJ, Clarke R, Clementi E, Coccia EM, Codogno P, Cohen E, Cohen MM, Colasanti T, Colasuonno F, Colbert RA, Colell A, Čolić M, Coll NS, Collins MO, Colombo MI, Colón-Ramos DA, Combaret L, Comincini S, Cominetti MR, Consiglio A, Conte A, Conti F, Contu VR, Cookson MR, Coombs KM, Coppens I, Corasaniti MT, Corkery DP, Cordes N, Cortese K, Costa MDC, Costantino S,

Costelli P, Coto-Montes A, Crack PJ, Crespo JL, Criollo A, Crippa V, Cristofani R, Csizmadia T, Cuadrado A, Cui B, Cui J, Cui Y, Cui Y, Culetto E, Cumino AC, Cybulsky AV, Czaja MJ, Czuczwar SJ, D'Adamo S, D'Amelio M, D'Arcangelo D, D'Lugos AC, D'Orazi G, da Silva JA, Dafsari HS, Dagda RK, Dagdas Y, Daglia M, Dai X, Dai Y, Dai Y, Dal Col J, Dalhaimer P, Dalla Valle L, Dallenga T, Dalmasso G, Damme M, Dando I, Dantuma NP, Darling AL, Das H, Dasarathy S, Dasari SK, Dash S, Daumke O, Dauphinee AN, Davies JS, Dávila VA, Davis RJ, Davis T, Dayalan Naidu S, De Amicis F, De Bosscher K, De Felice F, De Franceschi L, De Leonibus C, de Mattos Barbosa MG, De Meyer GRY, De Milito A, De Nunzio C, De Palma C, De Santi M, De Virgilio C, De Zio D, Debnath J, DeBosch BJ, Decuypere JP, Deehan MA, Deflorian G, DeGregori J, Dehay B, Del Rio G, Delaney JR, Delbridge LMD, Delorme-Axford E, Delpino MV, Demarchi F, Dembitz V, Demers ND, Deng H, Deng Z, Dengjel J, Dent P, Denton D, DePamphilis ML, Der CJ, Deretic V, Descoteaux A, Devis L, Devkota S, Devuyst O, Dewson G, Dharmasivam M, Dhiman R, di Bernardo D, Di Cristina M, Di Domenico F, Di Fazio P, Di Fonzo A, Di Guardo G, Di Guglielmo GM, Di Leo L, Di Malta C, Di Nardo A, Di Rienzo M, Di Sano F, Diallinas G, Diao J, Diaz-Araya G, Díaz-Laviada I, Dickinson JM, Diederich M, Dieudé M, Dikic I, Ding S, Ding WX, Dini L, Dinić J, Dinic M, Dinkova-Kostova AT, Dionne MS, Distler JHW, Diwan A, Dixon IMC, Djavaheri-Mergny M, Dobrinski I, Dobrovinskaya O, Dobrowolski R, Dobson RCJ, Đokić J, Dokmeci Emre S, Donadelli M, Dong B, Dong X, Dong Z, Dorn li GW, Dotsch V, Dou H, Dou J, Dowaidar M, Dridi S, Drucker L, Du A, Du C, Du G, Du HN, Du LL, du Toit A, Duan SB, Duan X, Duarte SP, Dubrovskaya A, Dunlop EA, Dupont N, Durán RV, Dwarakanath BS, Dyshlovoy SA, Ebrahimi-Fakhari D, Eckhart L, Edelstein CL, Efferth T, Eftekharpour E, Eichinger L, Eid N, Eisenberg T, Eissa NT, Eissa S, Ejarque M, El Andaloussi A, El-Hage N, El-Naggar S, Eleuteri AM, El-Shafey ES, Elgendy M, Eliopoulos AG, Elizalde MM, Elks PM, Elsasser HP, Elsherbiny ES, Emerling BM, Emre NCT, Eng CH, Engedal N, Engelbrecht AM, Engelsen AST, Enserink JM, Escalante R, Esclatine A, Escobar-Henriques M, Eskelinen EL, Espert L, Eusebio MO, Fabrias G, Fabrizi C, Facchiano A, Facchiano F, Fadeel B, Fader C, Faesen AC, Fairlie WD, Falcó A, Falkenburger BH, Fan D, Fan J, Fan Y, Fang EF, Fang Y, Fang Y, Fanto M, Farfel-Becker T, Faure M, Fazeli G, Fedele AO, Feldman AM, Feng D, Feng J, Feng L, Feng Y, Feng Y, Feng W, Fenz Araujo T, Ferguson TA, Fernández ÁF, Fernandez-Checa JC, Fernández-Veledo S, Fernie AR, Ferrante AW Jr, Ferraresi A, Ferrari MF, Ferreira JCB, Ferro-Novick S, Figueras A, Filadi R, Filigheddu N, Filippi-Chiela E, Filomeni G, Fimia GM, Fineschi V, Finetti F, Finkbeiner S, Fisher EA, Fisher PB, Flamigni F, Fliesler SJ, Flo TH, Florance I, Florey O, Florio T, Fodor E, Follo C, Fon EA, Forlino A, Fornai F, Fortini P, Fracassi A, Fraldi A, Franco B, Franco R, Franconi F, Frankel LB, Friedman SL, Fröhlich LF, Frühbeck G, Fuentes JM, Fujiki Y, Fujita N, Fujiwara Y, Fukuda M, Fulda S, Furic L, Furuya N, Fusco C, Gack MU, Gaffke L, Galadari S, Galasso A, Galindo MF, Gallolu Kankanamalage S, Galluzzi L, Galy V, Gammoh N, Gan B, Ganley IG, Gao F, Gao H, Gao M, Gao P, Gao SJ, Gao W, Gao X, Garcera A, Garcia MN, Garcia VE, García-Del Portillo F, Garcia-Escudero V, Garcia-Garcia A, Garcia-Macia M, García-Moreno D, Garcia-Ruiz C, García-Sanz P, Garg AD, Gargini R, Garofalo T, Garry RF, Gassen NC, Gatica D, Ge L, Ge W, Geiss-Friedlander R, Gelfi C, Genschik P, Gentle IE, Gerbino V, Gerhardt C, Germain K, Germain M, Gewirtz DA, Ghasemipour Afshar E, Ghavami S, Ghigo A, Ghosh M, Giamas G, Giampietri C, Giatromanolaki A, Gibson GE, Gibson SB, Ginet V, Giniger E, Giorgi C, Girao H, Girardin SE, Giridharan M, Giuliano S, Giulivi C, Giuriato S, Giustiniani J, Gluscho A, Goder V, Goginashvili A, Golab J, Goldstone DC, Golebiewska A, Gomes LR, Gomez R, Gómez-Sánchez R, Gomez-Puerto MC, Gomez-Sintes R, Gong Q, Goni FM, González-Gallego J, Gonzalez-Hernandez T, Gonzalez-Polo RA, Gonzalez-Reyes JA, González-Rodríguez P, Goping IS, Gorbatyuk MS, Gorbunov NV, Görgülü K, Gorojod RM, Gorski SM, Goruppi S, Gotor C, Gottlieb RA, Gozes I, Gozuacik D, Graef M, Gräler MH, Granatiero V, Grasso D, Gray JP, Green DR, Greenhough A, Gregory SL, Griffin EF, Grinstaff MW, Gros F, Grose C, Gross AS, Gruber F, Grumati P, Grune T, Gu X, Guan JL, Guardia CM, Guda K, Guerra F, Guerri C, Guha P, Guillén C, Gujar S, Gukovskaya A, Gukovsky I, Gunst J, Günther A, Guntur AR, Guo C, Guo C, Guo H, Guo LW, Guo M, Gupta P, Gupta SK, Gupta S, Gupta VB, Gupta V, Gustafsson AB, Gutterman DD, H B R, Haapasalo A, Haber JE, Hać A, Hadano S, Hafrén AJ, Haidar M, Hall BS, Halldén G, Hamacher-Brady A, Hamann A, Hamasaki M, Han W, Hansen M, Hanson PI, Hao Z, Harada M, Harhaji-Trajkovic L, Hariharan N, Haroon N, Harris J, Hasegawa T, Hasima Nagoor N, Haspel JA, Haucke V, Hawkins WD, Hay BA, Haynes CM, Hayrabydyan SB, Hays TS,

He C, He Q, He RR, He YW, He YY, Heikal Y, Heberle AM, Hejtmancik JF, Helgason GV, Henkel V, Herb M, Hergovich A, Herman-Antosiewicz A, Hernández A, Hernandez C, Hernandez-Diaz S, Hernandez-Gea V, Herpin A, Herreros J, Hervás JH, Hesselton D, Hetz C, Heussler VT, Higuchi Y, Hilfiker S, Hill JA, Hlavacek WS, Ho EA, Ho IHT, Ho PW, Ho SL, Ho WY, Hobbs GA, Hochstrasser M, Hoet PHM, Hofius D, Hofman P, Höhn A, Holmberg CI, Hombrebueno JR, Yi-Ren Hong CH, Hooper LV, Hoppe T, Horos R, Hoshida Y, Hsin IL, Hsu HY, Hu B, Hu D, Hu LF, Hu MC, Hu R, Hu W, Hu YC, Hu ZW, Hua F, Hua J, Hua Y, Huan C, Huang C, Huang C, Huang C, Huang C, Huang C, Huang H, Huang K, Huang MLH, Huang R, Huang S, Huang T, Huang X, Huang YJ, Huber TB, Hubert V, Hubner CA, Hughes SM, Hughes WE, Humbert M, Hummer G, Hurley JH, Hussain S, Hussain S, Hussey PJ, Hutabarat M, Hwang HY, Hwang S, Ieni A, Ikeda F, Imagawa Y, Imai Y, Imbriano C, Imoto M, Inman DM, Inoki K, Iovanna J, Iozzo RV, Ippolito G, Irazoqui JE, Iribarren P, Ishaq M, Ishikawa M, Ishimwe N, Isidoro C, Ismail N, Issazadeh-Navikas S, Itakura E, Ito D, Ivankovic D, Ivanova S, Iyer AKV, Izquierdo JM, Izumi M, Jäättelä M, Jabir MS, Jackson WT, Jacobo-Herrera N, Jacomin AC, Jacquin E, Jadiya P, Jaeschke H, Jagannath C, Jakobi AJ, Jakobsson J, Janji B, Jansen-Dürr P, Jansson PJ, Jantsch J, Januszewski S, Jassey A, Jean S, Jeltsch-David H, Jendelova P, Jenny A, Jensen TE, Jessen N, Jewell JL, Ji J, Jia L, Jia R, Jiang L, Jiang Q, Jiang R, Jiang T, Jiang X, Jiang Y, Jimenez-Sanchez M, Jin EJ, Jin F, Jin H, Jin L, Jin L, Jin M, Jin S, Jo EK, Joffre C, Johansen T, Johnson GVW, Johnston SA, Jokitalo E, Jolly MK, Joosten LAB, Jordan J, Joseph B, Ju D, Ju JS, Ju J, Juárez E, Judith D, Juhász G, Jun Y, Jung CH, Jung SC, Jung YK, Jungbluth H, Jungverdorben J, Just S, Kaarniranta K, Kaasik A, Kabuta T, Kaganovich D, Kahana A, Kain R, Kajimura S, Kalamvoki M, Kalia M, Kalinowski DS, Kaludercic N, Kalvari I, Kaminska J, Kaminsky VO, Kanamori H, Kanasaki K, Kang C, Kang R, Kang SS, Kaniyappan S, Kanki T, Kanneganti TD, Kanthasamy AG, Kanthasamy A, Kantorow M, Kapuy O, Karamouzis MV, Karim MR, Karmakar P, Katare RG, Kato M, Kaufmann SHE, Kauppinen A, Kaushal GP, Kaushik S, Kawasaki K, Kazan K, Ke PY, Keating DJ, Keber U, Kehrl JH, Keller KE, Keller CW, Kemper JK, Kenific CM, Kepp O, Kermorgant S, Kern A, Ketteler R, Keulers TG, Khalfin B, Khalil H, Khambu B, Khan SY, Khandelwal VKM, Khandia R, Kho W, Khobreakar NV, Khuansuwan S, Khundadze M, Killackey SA, Kim D, Kim DR, Kim DH, Kim DE, Kim EY, Kim EK, Kim HR, Kim HS, Hyung-Ryong Kim, Kim JH, Kim JK, Kim JH, Kim J, Kim JH, Kim KI, Kim PK, Kim SJ, Kimball SR, Kimchi A, Kimmelman AC, Kimura T, King MA, Kinghorn KJ, Kinsey CG, Kirkin V, Kirshenbaum LA, Kiselev SL, Kishi S, Kitamoto K, Kitaoka Y, Kitazato K, Kitsis RN, Kittler JT, Kjaerulff O, Klein PS, Klopstock T, Klucken J, Knævelsrud H, Knorr RL, Ko BCB, Ko F, Ko JL, Kobayashi H, Kobayashi S, Koch I, Koch JC, Koenig U, Kögel D, Koh YH, Koike M, Kohlwein SD, Kocaturk NM, Komatsu M, König J, Kono T, Kopp BT, Korcsmaros T, Korkmaz G, Korolchuk VI, Korsnes MS, Koskela A, Kota J, Kotake Y, Kotler ML, Kou Y, Koukourakis MI, Koustas E, Kovacs AL, Kovács T, Koya D, Kozako T, Kraft C, Krainc D, Krämer H, Krasnodembskaya AD, Kretz-Remy C, Kroemer G, Ktistakis NT, Kuchitsu K, Kuenen S, Kuerschner L, Kukar T, Kumar A, Kumar A, Kumar D, Kumar D, Kumar S, Kume S, Kumsta C, Kundu CN, Kundu M, Kunnumakkara AB, Kurgan L, Kutateladze TG, Kutlu O, Kwak S, Kwon HJ, Kwon TK, Kwon YT, Kyrmizi I, La Spada A, Labonté P, Ladoire S, Laface I, Lafont F, Lagace DC, Lahiri V, Lai Z, Laird AS, Lakkaraju A, Lamark T, Lan SH, Landajuela A, Lane DJR, Lane JD, Lang CH, Lange C, Langel Ü, Langer R, Lapaquette P, Laporte J, LaRusso NF, Lastres-Becker I, Lau WCY, Laurie GW, Lavandero S, Law BYK, Law HK, Layfield R, Le W, Le Stunff H, Leary AY, Lebrun JJ, Leck LYW, Leduc-Gaudet JP, Lee C, Lee CP, Lee DH, Lee EB, Lee EF, Lee GM, Lee HJ, Lee HK, Lee JM, Lee JS, Lee JA, Lee JY, Lee JH, Lee M, Lee MG, Lee MJ, Lee MS, Lee SY, Lee SJ, Lee SY, Lee SB, Lee WH, Lee YR, Lee YH, Lee Y, Lefebvre C, Legouis R, Lei YL, Lei Y, Leikin S, Leitinger G, Lemus L, Leng S, Lenoir O, Lenz G, Lenz HJ, Lenzi P, León Y, Leopoldino AM, Leszczczyk C, Leskelä S, Letellier E, Leung CT, Leung PS, Leventhal JS, Levine B, Lewis PA, Ley K, Li B, Li DQ, Li J, Li J, Li J, Li K, Li L, Li M, Li M, Li M, Li M, Li PL, Li MQ, Li Q, Li S, Li T, Li W, Li W, Li X, Li YP, Li Y, Li Z, Li Z, Li Z, Lian J, Liang C, Liang Q, Liang W, Liang Y, Liang Y, Liao G, Liao L, Liao M, Liao YF, Librizzi M, Lie PPY, Lilly MA, Lim HJ, Lima TRR, Limana F, Lin C, Lin CW, Lin DS, Lin FC, Lin JD, Lin KM, Lin KH, Lin LT, Lin PH, Lin Q, Lin S, Lin SJ, Lin W, Lin X, Lin YX, Lin YS, Linden R, Lindner P, Ling SC, Lingor P, Linnemann AK, Liou YC, Lipinski MM, Lipovšek S, Lira VA, Lisiak N, Liton PB, Liu C, Liu CH, Liu CF, Liu CH, Liu F, Liu H, Liu HS, Liu HF, Liu H, Liu J, Liu J, Liu J, Liu L, Liu L, Liu M, Liu Q, Liu W, Liu W, Liu XH, Liu X, Liu X, Liu X, Liu X, Liu Y, Liu Y, Liu Y, Liu Y, Liu Y, Livingston JA, Lizard G, Lizcano JM, Ljubojevic-Holzer S, LLeonart ME,

Llobet-Navàs D, Llorente A, Lo CH, Lobato-Márquez D, Long Q, Long YC, Loos B, Loos JA, López MG, López-Doménech G, López-Guerrero JA, López-Jiménez AT, López-Pérez Ó, López-Valero I, Lorenowicz MJ, Lorente M, Lorincz P, Lossi L, Lotersztajn S, Lovat PE, Lovell JF, Lovy A, Lów P, Lu G, Lu H, Lu JH, Lu JJ, Lu M, Lu S, Luciani A, Lucocq JM, Ludovico P, Luftig MA, Luhr M, Luis-Ravelo D, Lum JJ, Luna-Dulcey L, Lund AH, Lund VK, Lünemann JD, Lüningschrör P, Luo H, Luo R, Luo S, Luo Z, Luparello C, Lüscher B, Luu L, Lyakhovich A, Lyamzaev KG, Lystad AH, Lytvynchuk L, Ma AC, Ma C, Ma M, Ma NF, Ma QH, Ma X, Ma Y, Ma Z, MacDougald OA, Macian F, MacIntosh GC, MacKeigan JP, Macleod KF, Maday S, Madeo F, Madesh M, Madl T, Madrigal-Matute J, Maeda A, Maejima Y, Magarinos M, Mahavadi P, Maiani E, Maiese K, Maiti P, Maiuri MC, Majello B, Major MB, Makareeva E, Malik F, Mallilankaraman K, Malorni W, Maloyan A, Mammadova N, Man GCW, Manai F, Mancias JD, Mandelkow EM, Mandell MA, Manfredi AA, Manjili MH, Manjithaya R, Manque P, Manshian BB, Manzano R, Manzoni C, Mao K, Marchese C, Marchetti S, Marconi AM, Marcucci F, Mardente S, Mareninova OA, Margeta M, Mari M, Marinelli S, Marinelli O, Mariño G, Mariotto S, Marshall RS, Marten MR, Martens S, Martin APJ, Martin KR, Martin S, Martin S, Martín-Segura A, Martín-Acebes MA, Martin- Burriel I, Martin-Rincon M, Martin-Sanz P, Martina JA, Martinet W, Martinez A, Martinez A, Martinez J, Martinez Velazquez M, Martinez-Lopez N, Martinez-Vicente M, Martins DO, Martins JO, Martins WK, Martins-Marques T, Marzetti E, Masaldan S, Masclaux-Daubresse C, Mashek DG, Massa V, Massieu L, Masson GR, Masuelli L, Masyuk AI, Masyuk TV, Matarrese P, Matheu A, Matoba S, Matsuzaki S, Mattar P, Matte A, Mattoscio D, Mauriz JL, Mauthe M, Mauvezin C, Maverakis E, Maycotte P, Mayer J, Mazzoccoli G, Mazzoni C, Mazzulli JR, McCarty N, McDonald C, McGill MR, McKenna SL, McLaughlin B, McLoughlin F, McNiven MA, McWilliams TG, Mechta- Grigoriou F, Medeiros TC, Medina DL, Megeney LA, Megyeri K, Mehrpour M, Mehta JL, Meijer AJ, Meijer AH, Mejlvang J, Meléndez A, Melk A, Memisoglu G, Mendes AF, Meng D, Meng F, Meng T, Menna-Barreto R, Menon MB, Mercer C, Mercier AE, Mergny JL, Merighi A, Merkley SD, Merla G, Meske V, Mestre AC, Metur SP, Meyer C, Meyer H, Mi W, Miale-Perez J, Miao J, Micalé L, Miki Y, Milan E, Milczarek M, Miller DL, Miller SI, Miller S, Millward SW, Milosevic I, Minina EA, Mirzaei H, Mirzaei HR, Mirzaei M, Mishra A, Mishra N, Mishra PK, Misirkic Marjanovic M, Misasi R, Misra A, Misso G, Mitchell C, Mitou G, Miura T, Miyamoto S, Miyazaki M, Miyazaki M, Miyazaki T, Miyazawa K, Mizushima N, Mogensen TH, Mograbi B, Mohammadinejad R, Mohamud Y, Mohanty A, Mohapatra S, Möhlmann T, Mohmmed A, Moles A, Moley KH, Molinari M, Mollace V, Møller AB, Mollereau B, Mollinedo F, Montagna C, Monteiro MJ, Montella A, Montes LR, Montico B, Mony VK, Monzio Compagnoni G, Moore MN, Moosavi MA, Mora AL, Mora M, Morales-Alamo D, Moratalla R, Moreira PI, Morelli E, Moreno S, Moreno-Blas D, Moresi V, Morga B, Morgan AH, Morin F, Morishita H, Moritz OL, Moriyama M, Moriyasu Y, Morleo M, Morselli E, Moruno-Manchon JF, Moscat J, Mostowy S, Motori E, Moura AF, Moustaid-Moussa N, Mrakovcic M, Muciño-Hernández G, Mukherjee A, Mukhopadhyay S, Mulcahy Levy JM, Mulero V, Muller S, Münch C, Munjal A, Munoz-Canoves P, Muñoz-Galdeano T, Münz C, Murakawa T, Muratori C, Murphy BM, Murphy JP, Murthy A, Myöhänen TT, Mysorekar IU, Mytych J, Nabavi SM, Nabissi M, Nagy P, Nah J, Nahimana A, Nakagawa I, Nakamura K, Nakatogawa H, Nandi SS, Nanjundan M, Nanni M, Napolitano G, Nardacci R, Narita M, Nassif M, Nathan I, Natsumeda M, Naude RJ, Naumann C, Naveiras O, Navid F, Nawrocki ST, Nazarko TY, Nazio F, Negoita F, Neill T, Neisch AL, Neri LM, Netea MG, Neubert P, Neufeld TP, Neumann D, Neutzner A, Newton PT, Ney PA, Nezis IP, Ng CCW, Ng TB, Nguyen HTT, Nguyen LT, Ni HM, Ní Cheallaigh C, Ni Z, Nicolao MC, Nicoli F, Nieto-Diaz M, Nilsson P, Ning S, Niranjana R, Nishimune H, Niso-Santano M, Nixon RA, Nobili A, Nobrega C, Noda T, Nogueira-Recalde U, Nolan TM, Nombela I, Novak I, Novoa B, Nozawa T, Nukina N, Nussbaum-Krammer C, Nylandsted J, O'Donovan TR, O'Leary SM, O'Rourke EJ, O'Sullivan MP, O'Sullivan TE, Oddo S, Oehme I, Ogawa M, Ogier-Denis E, Ogmundsdottir MH, Ogretmen B, Oh GT, Oh SH, Oh YJ, Ohama T, Ohashi Y, Ohmuraya M, Oikonomou V, Ojha R, Okamoto K, Okazawa H, Oku M, Oliván S, Oliveira JMA, Ollmann M, Olzmann JA, Omari S, Omary MB, Önal G, Ondrej M, Ong SB, Ong SG, Onnis A, Orellana JA, Orellana-Muñoz S, Ortega-Villaizan MDM, Ortiz-Gonzalez XR, Ortona E, Osiewacz HD, Osman AK, Osta R, Otegui MS, Otsu K, Ott C, Ottobriani L, Ou JJ, Outeiro TF, Oynebraten I, Ozturk M, Pagès G, Pahari S, Pajares M, Pajvani UB, Pal R, Paladino S, Pallet N, Palmieri M, Palmisano G, Palumbo C, Pampaloni F, Pan L, Pan Q, Pan W, Pan X, Panasyuk G, Pandey R, Pandey UB, Pandya V, Paneni F, Pang SY, Panzarini E, Papademetrio DL,

Papaleo E, Papinski D, Papp D, Park EC, Park HT, Park JM, Park JI, Park JT, Park J, Park SC, Park SY, Parola AH, Parys JB, Pasquier A, Pasquier B, Passos JF, Pastore N, Patel HH, Patschan D, Pattingre S, Pedraza-Alva G, Pedraza-Chaverri J, Pedrozo Z, Pei G, Pei J, Peled-Zehavi H, Pellegrini JM, Pelletier J, Peñalva MA, Peng D, Peng Y, Penna F, Pennuto M, Pentimalli F, Pereira CM, Pereira GJS, Pereira LC, Pereira de Almeida L, Perera ND, Pérez-Lara Á, Perez-Oliva AB, Pérez-Pérez ME, Periyasamy P, Perl A, Perrotta C, Perrotta I, Pestell RG, Petersen M, Petrache I, Petrovski G, Pfirrmann T, Pfister AS, Philips JA, Pi H, Picca A, Pickrell AM, Picot S, Pierantoni GM, Pierdominici M, Pierre P, Pierrefite-Carle V, Pierzynowska K, Pietrocola F, Pietruczuk M, Pignata C, Pimentel-Muiños FX, Pinar M, Pinheiro RO, Pinkas-Kramarski R, Pinton P, Piracs K, Piya S, Pizzo P, Plantinga TS, Platta HW, Plaza-Zabala A, Plomann M, Plotnikov EY, Plun-Favreau H, Pluta R, Pocock R, Pöggeler S, Pohl C, Poirot M, Poletti A, Ponpuak M, Popelka H, Popova B, Porta H, Porte Alcon S, Portilla-Fernandez E, Post M, Potts MB, Poulton J, Powers T, Prahlad V, Prajsnar TK, Praticò D, Prencipe R, Priault M, Proikas-Cezanne T, Promponas VJ, Proud CG, Puertollano R, Puglielli L, Pulinilkunnit T, Puri D, Puri R, Puyal J, Qi X, Qi Y, Qian W, Qiang L, Qiu Y, Quadriatero J, Quarleri J, Raben N, Rabinowich H, Ragona D, Ragusa MJ, Rahimi N, Rahmati M, Raia V, Raimundo N, Rajasekaran NS, Ramachandra Rao S, Rami A, Ramírez-Pardo I, Ramsden DB, Randow F, Rangarajan PN, Ranieri D, Rao H, Rao L, Rao R, Rathore S, Ratnayaka JA, Ratovitski EA, Ravanan P, Ravegnini G, Ray SK, Razani B, Rebecca V, Reggiori F, Régnier-Vigouroux A, Reichert AS, Reigada D, Reiling JH, Rein T, Reipert S, Rekha RS, Ren H, Ren J, Ren W, Renault T, Renga G, Reue K, Rewitz K, Ribeiro de Andrade Ramos B, Riazuddin SA, Ribeiro-Rodrigues TM, Ricci JE, Ricci R, Riccio V, Richardson DR, Rikihisa Y, Risbud MV, Risueño RM, Ritis K, Rizza S, Rizzuto R, Roberts HC, Roberts LD, Robinson KJ, Roccheri MC, Rocchi S, Rodney GG, Rodrigues T, Rodrigues Silva VR, Rodriguez A, Rodriguez-Barrueco R, Rodriguez-Henche N, Rodriguez-Rocha H, Roelofs J, Rogers RS, Rogov VV, Rojo AI, Rolka K, Romanello V, Romani L, Romano A, Romano PS, Romeo-Guitart D, Romero LC, Romero M, Roney JC, Rongo C, Roperto S, Rosenfeldt MT, Rosenstiel P, Rosenwald AG, Roth KA, Roth L, Roth S, Rouschop KMA, Roussel BD, Roux S, Rovere-Querini P, Roy A, Rozieres A, Ruano D, Rubinsztein DC, Rubtsova MP, Ruckdeschel K, Ruckenstuhl C, Rudolf E, Rudolf R, Ruggieri A, Ruparelia AA, Rusmini P, Russell RR, Russo GL, Russo M, Russo R, Ryabaya OO, Ryan KM, Ryu KY, Sabater-Arcis M, Sachdev U, Sacher M, Sachse C, Sadhu A, Sadoshima J, Safren N, Saftig P, Sagona AP, Sahay G, Sahebkar A, Sahin M, Sahin O, Sahni S, Saito N, Saito S, Saito T, Sakai R, Sakai Y, Sakamaki JI, Saksela K, Salazar G, Salazar-Degracia A, Salekdeh GH, Saluja AK, Sampaio-Marques B, Sanchez MC, Sanchez-Alcazar JA, Sanchez-Vera V, Sancho-Shimizu V, Sanderson JT, Sandri M, Santaguida S, Santambrogio L, Santana MM, Santoni G, Sanz A, Sanz P, Saran S, Sardiello M, Sargeant TJ, Sarin A, Sarkar C, Sarkar S, Sarrias MR, Sarkar S, Sarmah DT, Sarparanta J, Sathyanarayan A, Sathyanarayanan R, Scaglione KM, Scatozza F, Schaefer L, Schafer ZT, Schaible UE, Schapira AHV, Scharl M, Schatzl HM, Schein CH, Scheper W, Scheuring D, Schiaffino MV, Schiappacassi M, Schindl R, Schlattner U, Schmidt O, Schmitt R, Schmidt SD, Schmitz I, Schmukler E, Schneider A, Schneider BE, Schober R, Schoijet AC, Schott MB, Schramm M, Schröder B, Schuh K, Schüller C, Schulze RJ, Schürmanns L, Schwamborn JC, Schwarten M, Scialo F, Sciarretta S, Scott MJ, Scotto KW, Scovassi AI, Scrima A, Scivo A, Sebastian D, Sebti S, Sedej S, Segatori L, Segev N, Seglen PO, Seiliez I, Seki E, Selleck SB, Sellke FW, Selsby JT, Sendtner M, Senturk S, Seranova E, Sergi C, Serra-Moreno R, Sesaki H, Settembre C, Setty SRG, Sgarbi G, Sha O, Shacka JJ, Shah JA, Shang D, Shao C, Shao F, Sharbati S, Sharkey LM, Sharma D, Sharma G, Sharma K, Sharma P, Sharma S, Shen HM, Shen H, Shen J, Shen M, Shen W, Shen Z, Sheng R, Sheng Z, Sheng ZH, Shi J, Shi X, Shi YH, Shiba-Fukushima K, Shieh JJ, Shimada Y, Shimizu S, Shimosawa M, Shintani T, Shoemaker CJ, Shojaei S, Shoji I, Shrivage BV, Shridhar V, Shu CW, Shu HB, Shui K, Shukla AK, Shutt TE, Sica V, Siddiqui A, Sierra A, Sierra-Torre V, Signorelli S, Sil P, Silva BJA, Silva JD, Silva-Pavez E, Silvente-Poirot S, Simmonds RE, Simon AK, Simon HU, Simons M, Singh A, Singh LP, Singh R, Singh SV, Singh SK, Singh SB, Singh S, Singh SP, Sinha D, Sinha RA, Sinha S, Sirko A, Sirohi K, Sivridis EL, Skendros P, Skiryicz A, Slaninová I, Smaili SS, Smertenko A, Smith MD, Soenen SJ, Sohn EJ, Sok SPM, Solaini G, Soldati T, Soleimanpour SA, Soler RM, Solovchenko A, Somarelli JA, Sonawane A, Song F, Song HK, Song JX, Song K, Song Z, Soria LR, Sorice M, Soukas AA, Soukup SF, Sousa D, Sousa N, Spagnuolo PA, Spector SA, Srinivas

Bharath MM, St Clair D, Stagni V, Staiano L, Stalneck CA, Stankov MV, Stathopoulos PB, Stefan K, Stefan SM, Stefanis L, Steffan JS, Steinkasserer A, Stenmark H, Sternecker J, Stevens C, Stoka V, Storch S, Stork B, Strappazon F, Strohecker AM, Stupack DG, Su H, Su LY, Su L, Suarez-Fontes AM, Subauste CS, Subbian S, Subirada PV, Sudhandiran G, Sue CM, Sui X, Summers C, Sun G, Sun J, Sun K, Sun MX, Sun Q, Sun Y, Sun Z, Sunahara KKS, Sundberg E, Susztak K, Sutovsky P, Suzuki H, Sweeney G, Symons JD, Sze SCW, Szewczyk NJ, Tabęcka-Łonczynska A, Tabolacci C, Tacke F, Taegtmeier H, Tafani M, Tagaya M, Tai H, Tait SWG, Takahashi Y, Takats S, Talwar P, Tam C, Tam SY, Tampellini D, Tamura A, Tan CT, Tan EK, Tan YQ, Tanaka M, Tanaka M, Tang D, Tang J, Tang TS, Tanida I, Tao Z, Taouis M, Tatenhorst L, Tavernarakis N, Taylor A, Taylor GA, Taylor JM, Tchetina E, Tee AR, Tegeder I, Teis D, Teixeira N, Teixeira-Clerc F, Tekirdag KA, Tencomnao T, Tenreiro S, Tepikin AV, Testillano PS, Tettamanti G, Tharaux PL, Thedieck K, Thekkinghat AA, Thellung S, Thinwa JW, Thirumalaikumar VP, Thomas SM, Thomes PG, Thorburn A, Thukral L, Thum T, Thumm M, Tian L, Tichy A, Till A, Timmerman V, Titorenko VI, Todi SV, Todorova K, Toivonen JM, Tomaipitınca L, Tomar D, Tomas-Zapico C, Tomić S, Tong BC, Tong C, Tong X, Tooze SA, Torgersen ML, Torii S, Torres-López L, Torriglia A, Towers CG, Towns R, Toyokuni S, Trajkovic V, Tramontano D, Tran QG, Travassos LH, Trelford CB, Tremel S, Trougakos IP, Tsao BP, Tschan MP, Tse HF, Tse TF, Tsugawa H, Tsvetkov AS, Tumbarello DA, Tumtas Y, Tuñón MJ, Turcotte S, Turk B, Turk V, Turner BJ, Tuxworth RI, Tyler JK, Tyutereva EV, Uchiyama Y, Ugun-Klusek A, Uhlig HH, Ułamek-Kozioł M, Ulasov IV, Umekawa M, Ungermann C, Unno R, Urbe S, Uribe-Carretero E, Üstün S, Uversky VN, Vaccari T, Vaccaro MI, Vahsen BF, Vakifahmetoglu-Norberg H, Valdor R, Valente MJ, Valko A, Vallee RB, Valverde AM, Van den Berghe G, van der Veen S, Van Kaer L, van Loosdrecht J, van Wijk SJL, Vandenberghe W, Vanhorebeek I, Vannier-Santos MA, Vannini N, Vanrell MC, Vantaggiato C, Varano G, Varela-Nieto I, Varga M, Vasconcelos MH, Vats S, Vavvas DG, Vega-Naredo I, Vega-Rubin-de-Celis S, Velasco G, Velázquez AP, Vellai T, Vellenga E, Velotti F, Verdier M, Verginis P, Vergne I, Verkade P, Verma M, Verstreken P, Vervliet T, Vervoorts J, Vessoni AT, Victor VM, Vidal M, Vidoni C, Vieira OV, Vierstra RD, Viganó S, Vihinen H, Vijayan V, Vila M, Vilar M, Villalba JM, Villalobo A, Villarejo-Zori B, Villarroya F, Villarroya J, Vincent O, Vindis C, Viret C, Viscomi MT, Visnjic D, Vitale I, Vocadlo DJ, Voitsekhovskaja OV, Volonté C, Volta M, Vomero M, Von Haefen C, Vooijs MA, Voos W, Vucicevic L, Wade-Martins R, Waguri S, Waite KA, Wakatsuki S, Walker DW, Walker MJ, Walker SA, Walter J, Wandosell FG, Wang B, Wang CY, Wang C, Wang C, Wang C, Wang CY, Wang D, Wang F, Wang F, Wang F, Wang G, Wang H, Wang H, Wang H, Wang HG, Wang J, Wang J, Wang J, Wang J, Wang K, Wang L, Wang L, Wang MH, Wang M, Wang N, Wang P, Wang P, Wang P, Wang P, Wang QJ, Wang Q, Wang QK, Wang QA, Wang WT, Wang W, Wang X, Wang X, Wang Y, Wang Y, Wang Y, Wang YY, Wang Y, Wang Y, Wang Y, Wang Y, Wang Y, Wang Z, Wang Z, Wang Z, Warnes G, Warnsmann V, Watada H, Watanabe E, Watchon M, Wawrzyńska A, Weaver TE, Wegrzyn G, Wehman AM, Wei H, Wei L, Wei T, Wei Y, Weiergräber OH, Weihl CC, Weindl G, Weiskirchen R, Wells A, Wen RH, Wen X, Werner A, Weykopf B, Wheatley SP, Whitton JL, Whitworth AJ, Wiktorska K, Wildenberg ME, Wileman T, Wilkinson S, Willbold D, Williams B, Williams RSB, Williams RL, Williamson PR, Wilson RA, Winner B, Winsor NJ, Witkin SS, Wodrich H, Woehlbier U, Wollert T, Wong E, Wong JH, Wong RW, Wong VKW, Wong WW, Wu AG, Wu C, Wu J, Wu J, Wu KK, Wu M, Wu SY, Wu S, Wu SY, Wu S, Wu WKK, Wu X, Wu X, Wu YW, Wu Y, Xavier RJ, Xia H, Xia L, Xia Z, Xiang G, Xiang J, Xiang M, Xiang W, Xiao B, Xiao G, Xiao H, Xiao HT, Xiao J, Xiao L, Xiao S, Xiao Y, Xie B, Xie CM, Xie M, Xie Y, Xie Z, Xie Z, Xilouri M, Xu C, Xu E, Xu H, Xu J, Xu J, Xu L, Xu WW, Xu X, Xue Y, Yakhine-Diop SMS, Yamaguchi M, Yamaguchi O, Yamamoto A, Yamashina S, Yan S, Yan SJ, Yan Z, Yanagi Y, Yang C, Yang DS, Yang H, Yang HT, Yang H, Yang JM, Yang J, Yang J, Yang L, Yang L, Yang M, Yang PM, Yang Q, Yang S, Yang S, Yang SF, Yang W, Yang WY, Yang X, Yang X, Yang Y, Yang Y, Yao H, Yao S, Yao X, Yao YG, Yao YM, Yasui T, Yazdankhah M, Yen PM, Yi C, Yin XM, Yin Y, Yin Z, Yin Z, Ying M, Ying Z, Yip CK, Yiu SPT, Yoo YH, Yoshida K, Yoshii SR, Yoshimori T, Yousefi B, Yu B, Yu H, Yu J, Yu J, Yu L, Yu ML, Yu SW, Yu VC, Yu WH, Yu Z, Yu Z, Yuan J, Yuan LQ, Yuan S, Yuan SF, Yuan Y, Yuan Z, Yue J, Yue Z, Yun J, Yung RL, Zacks DN, Zaffagnini G, Zambelli VO, Zanella I, Zang QS, Zanivan S, Zappavigna S, Zaragoza P, Zarbalis KS, Zarebkohan A, Zarrouk A, Zeitlin SO, Zeng J, Zeng JD, Žerovnik E, Zhan L, Zhang B, Zhang DD, Zhang H, Zhang H, Zhang H, Zhang H, Zhang H, Zhang H, Zhang H, Zhang H, Zhang H, Zhang HL, Zhang J, Zhang J, Zhang JP, Zhang KYB,

Zhang LW, Zhang L, Zhang L, Zhang L, Zhang L, Zhang M, Zhang P, Zhang S, Zhang W, Zhang X, Zhang XW, Zhang X, Zhang X, Zhang X, Zhang X, Zhang XD, Zhang Y, Zhang Y, Zhang Y, Zhang YD, Zhang Y, Zhang YY, Zhang Y, Zhang Z, Zhang Z, Zhang Z, Zhang Z, Zhang Z, Zhang Z, Zhao H, Zhao L, Zhao S, Zhao T, Zhao XF, Zhao Y, Zhao Y, Zhao Y, Zhao Y, Zheng G, Zheng K, Zheng L, Zheng S, Zheng XL, Zheng Y, Zheng ZG, Zhivotovsky B, Zhong Q, Zhou A, Zhou B, Zhou C, Zhou G, Zhou H, Zhou H, Zhou H, Zhou J, Zhou J, Zhou J, Zhou J, Zhou K, Zhou R, Zhou XJ, Zhou Y, Zhou Y, Zhou Y, Zhou ZY, Zhou Z, Zhu B, Zhu C, Zhu GQ, Zhu H, Zhu H, Zhu H, Zhu WG, Zhu Y, Zhu Y, Zhuang H, Zhuang X, Zientara-Rytter K, Zimmermann CM, Ziviani E, Zoladek T, Zong WX, Zorov DB, Zorzano A, Zou W, Zou Z, Zou Z, Zuryin S, Zwerschke W, Brand-Saber B, Dong XC, Kenchappa CS, Li Z, Lin Y, Oshima S, Rong Y, Sluimer JC, Stallings CL, Tong CK. Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*. 2021 Feb 8;1-382. doi: 10.1080/15548627.2020.1797280. Epub ahead of print. PMID: 33634751.

10: Park HH, Park SH, Oh HC, Jung HH, Chang JH, Lee KS, Chang WS, Hong CK. The behavior of residual tumors following incomplete surgical resection for vestibular schwannomas. *Sci Rep*. 2021 Feb 25;11(1):4665. doi: 10.1038/s41598-021-84319-1. PMID: 33633337; PMCID: PMC7907355.

11: Kim JY, Cho JH, Yoon SH, Cho SM, Lim YC. New Simple 3-Dimensional Computed Tomogram Classification Leading to Successful Conservative Treatment in 51 Atlanto-Axial Rotatory Fixation Children. *Pediatr Neurosurg*. 2021 Feb 19;1-8. doi: 10.1159/000512368. Epub ahead of print. PMID: 33611332.

12: Lee CK, Choi SK, An SB, Ha Y, Yoon SH, Kim I, Kim KN. Influence of osteoporosis following spine surgery on reoperation, readmission, and economic costs: an 8-year nationwide population-based study in Korea. *World Neurosurg*. 2021 Feb 15:S1878-8750(21)00202-3. doi: 10.1016/j.wneu.2021.02.021. Epub ahead of print. PMID: 33601076.

13: Kim CH, Choi Y, Chung CK, Kim KJ, Shin DA, Park YK, Kwon WK, Yang SH, Lee CH, Park SB, Kim ES, Hong H, Cho Y. Nonsurgical treatment outcomes for surgical candidates with lumbar disc herniation: a comprehensive cohort study. *Sci Rep*. 2021 Feb 16;11(1):3931. doi: 10.1038/s41598-021-83471-y. PMID: 33594185; PMCID: PMC7887235.

14: Jeon H, Kim HC, Kim TW, An SB, Shin DA, Yi S, Kim KN, Yoon DH, Borkar SA, Son DW, Ha Y. Prediction of angular kyphosis after cervical laminoplasty using radiologic measurements. *J Clin Neurosci*. 2021 Mar;85:13-19. doi: 10.1016/j.jocn.2020.12.002. Epub 2021 Jan 7. PMID: 33581783.

15: Choi JH, Lee JE, Kim HL, Ko SH, Kim SH, Yang SH. Functional Restoration of Pituitary after Pituitary Allotransplantation into Hypophysectomized Rats. *Cells*. 2021 Jan 29;10(2):267. doi: 10.3390/cells10020267. PMID: 33572839; PMCID: PMC7912485.

16: Cha KS, Sunwoo JS, Byun JI, Kim TJ, Shin JW, Kim KH, Jung KY. Working memory deficits in patients with idiopathic restless legs syndrome are associated with abnormal theta-band neural synchrony. *J Sleep Res*. 2021 Feb 9:e13287. doi: 10.1111/jsr.13287. Epub ahead of print. PMID: 33565234.

17: Kim W, Moon JH, Kim EH, Hong CK, Han J, Hong JB. Optimization of orbital retraction during endoscopic transorbital approach via quantitative measurement of the intraocular pressure - [SevEN 006]. *BMC Ophthalmol*. 2021 Feb 8;21(1):76. doi: 10.1186/s12886-021-01834-5. PMID: 33557770; PMCID: PMC7871604.

18: Jung IH, Yoo J, Park HH, Hong CK. Differences in surgical outcome between petroclival meningioma and anterior petrous meningioma. *Acta Neurochir (Wien)*. 2021 Feb 8. doi: 10.1007/s00701-021-04753-y. Epub ahead of print. PMID: 33555377.

- 19: Yoo M, Park YG, Cho YE, Lim CH, Chung SY, Kim D, Park J. Intraoperative evoked potentials in patients with ossification of posterior longitudinal ligament. *J Clin Monit Comput*. 2021 Feb 6. doi: 10.1007/s10877-020-00646-0. Epub ahead of print. PMID: 33548015.
- 20: Shin DA, Kim TU, Chang MC. Minocycline for Controlling Neuropathic Pain: A Systematic Narrative Review of Studies in Humans. *J Pain Res*. 2021 Jan 26;14:139-145. doi: 10.2147/JPR.S292824. PMID: 33536779; PMCID: PMC7849188.
- 21: Park YW, Choi D, Park JE, Ahn SS, Kim H, Chang JH, Kim SH, Kim HS, Lee SK. Differentiation of recurrent glioblastoma from radiation necrosis using diffusion radiomics with machine learning model development and external validation. *Sci Rep*. 2021 Feb 3;11(1):2913. doi: 10.1038/s41598-021-82467-y. PMID: 33536499; PMCID: PMC7858615.
- 22: Yang HS, Kim KR, Kim S, Park JY. Deep Learning Application in Spinal Implant Identification. *Spine (Phila Pa 1976)*. 2021 Mar 1;46(5):E318-E324. doi: 10.1097/BRS.0000000000003844. PMID: 33534442.
- 23: Kim J, Shin J, Kong C, Lee SH, Chang WS, Han SH. The Synergistic Effect of Focused Ultrasound and Biophotonics to Overcome the Barrier of Light Transmittance in biological tissue. *Photodiagnosis Photodyn Ther*. 2021 Jan 30:102173. doi: 10.1016/j.pdpdt.2020.102173. Epub ahead of print. PMID: 33529746.
- 24: Lee W, Han HJ, Kim J, Choi JY, Park KY, Kim YB, Chung J. Ruptured Infundibular dilatation of the posterior communicating artery. *Acta Neurochir (Wien)*. 2021 Mar;163(3):797-803. doi: 10.1007/s00701-021-04716-3. Epub 2021 Feb 1. PMID: 33527210.
- 25: Kim JH, Jeon J, Kim J. Lower risk of subarachnoid haemorrhage in diabetes: a nationwide population-based cohort study. *Stroke Vasc Neurol*. 2021 Feb 1:svn-2020-000601. doi: 10.1136/svn-2020-000601. Epub ahead of print. PMID: 33526636.
- 26: Khan I, Baig MH, Mahfooz S, Rahim M, Karacam B, Elbasan EB, Ulasov I, Dong JJ, Hatiboglu MA. Deciphering the Role of Autophagy in Treatment of Resistance Mechanisms in Glioblastoma. *Int J Mol Sci*. 2021 Jan 28;22(3):1318. doi: 10.3390/ijms22031318. PMID: 33525678; PMCID: PMC7865981.
- 27: Chang KW, Rachmilevitch I, Chang WS, Jung HH, Zadicario E, Prus O, Chang JW. Safety and Efficacy of Magnetic Resonance-Guided Focused Ultrasound Surgery With Autofocusing Echo Imaging. *Front Neurosci*. 2021 Jan 12;14:592763. doi: 10.3389/fnins.2020.592763. PMID: 33510610; PMCID: PMC7835836.
- 28: Park CJ, Han K, Kim H, Ahn SS, Choi D, Park YW, Chang JH, Kim SH, Cha S, Lee SK. MRI Features May Predict Molecular Features of Glioblastoma in *i>Isocitrate Dehydrogenase</i> Wild-Type Lower-Grade Gliomas. *AJNR Am J Neuroradiol*. 2021 Jan 28. doi: 10.3174/ajnr.A6983. Epub ahead of print. PMID: 33509914.*
- 29: Shin HJ, Choi WS, Lee SH, Lee AG, Kim A, Park HK, Paick SH, Kim HG. Improvement in Near Vision following Silodosin Treatment in Patients With Lower Urinary Tract Symptoms. *Int Neurourol J*. 2021 Jan 19. doi: 10.5213/inj.2040274.137. Epub ahead of print. PMID: 33504125.
- 30: Jeong HJ, Yun Y, Lee SJ, Ha Y, Gwak SJ. Biomaterials and strategies for repairing spinal cord lesions. *Neurochem Int*. 2021 Mar;144:104973. doi: 10.1016/j.neuint.2021.104973. Epub 2021 Jan 23. PMID: 33497713.
- 31: Jang HJ, Chin DK, Park JY, Kuh SU, Kim KS, Cho YE, Kim KH. Influence of Frailty on Life Expectancy

in Octogenarians After Lumbar Spine Surgery. *Neurospine*. 2021 Jan 23. doi: 10.14245/ns.2040688.344. Epub ahead of print. PMID: 33494553.

32: Lee AG, Lee SH, Jang M, Lee SJ, Shin HJ. Transconjunctival versus Transcutaneous Injection of Botulinum Toxin into the Lacrimal Gland to Reduce Lacrimal Production: A Randomized Controlled Trial. *Toxins (Basel)*. 2021 Jan 21;13(2):77. doi: 10.3390/toxins13020077. PMID: 33494380; PMCID: PMC7911887.

33: Kim EH, Yoo J, Jung IH, Oh JW, Kim JS, Yoon JS, Moon JH, Kang SG, Chang JH, Roh TH. Endoscopic transorbital approach to the insular region: cadaveric feasibility study and clinical application (SevEN-005). *J Neurosurg*. 2021 Jan 22:1-9. doi: 10.3171/2020.8.JNS202255. Epub ahead of print. PMID: 33482646.

34: Shin DA, Chin DK. Historical overview of the Department of Neurosurgery at Yonsei University College of Medicine in the Republic of Korea. *J Neurosurg*. 2021 Jan 22:1-7. doi: 10.3171/2020.8.JNS201076. Epub ahead of print. PMID: 33482639.

35: Jang CK, Kim BM, Park KY, Lee JW, Kim DJ, Chung J, Kim JH. Scepter dual-lumen balloon catheter for Onyx embolization for dural arteriovenous fistula. *BMC Neurol*. 2021 Jan 20;21(1):31. doi: 10.1186/s12883-021-02046-6. PMID: 33472604; PMCID: PMC7816325.

36: Lee J, Chang WS, Shin J, Seo Y, Kong C, Song BW, Na YC, Kim BS, Chang JW. Corrigendum to "Non-invasively enhanced intracranial transplantation of mesenchymal stem cells using focused ultrasound mediated by overexpression of cell-adhesion molecules" [*Stem Cell Res*. 43 (2020) 101726]. *Stem Cell Res*. 2021 Jan 16;51:102179. doi: 10.1016/j.scr.2021.102179. Epub ahead of print. Erratum for: *Stem Cell Res*. 2020 Mar;43:101726. PMID: 33465530.

37: Tsetsos F, Yu D, Sul JH, Huang AY, Illmann C, Osiecki L, Darrow SM, Hirschtritt ME, Greenberg E, Muller-Vahl KR, Stuhmann M, Dion Y, Rouleau GA, Aschauer H, Stamenkovic M, Schlögelhofer M, Sandor P, Barr CL, Grados MA, Singer HS, Nöthen MM, Hebebrand J, Hinney A, King RA, Fernandez TV, Barta C, Tarnok Z, Nagy P, Depienne C, Worbe Y, Hartmann A, Budman CL, Rizzo R, Lyon GJ, McMahon WM, Batterson JR, Cath DC, Malaty IA, Okun MS, Berlin C, Woods DW, Lee PC, Jankovic J, Robertson MM, Gilbert DL, Brown LW, Coffey BJ, Dietrich A, Hoekstra PJ, Kuperman S, Zinner SH, Wagner M, Knowles JA, Jeremy Willsey A, Tischfield JA, Heiman GA, Cox NJ, Freimer NB, Neale BM, Davis LK, Coppola G, Mathews CA, Scharf JM, Paschou P; Tourette Association of America International Consortium for Genetics, Barr CL, Batterson JR, Berlin C, Budman CL, Cath DC, Coppola G, Cox NJ, Darrow S, Davis LK, Dion Y, Freimer NB, Grados MA, Greenberg E, Hirschtritt ME, Huang AY, Illmann C, King RA, Kurlan R, Leckman JF, Lyon GJ, Malaty IA, Mathews CA, McMahon WM, Neale BM, Okun MS, Osiecki L, Robertson MM, Rouleau GA, Sandor P, Scharf JM, Singer HS, Smit JH, Sul JH, Yu D; Gilles de la Tourette GWAS Replication Initiative, Aschauer HAH, Barta C, Budman CL, Cath DC, Depienne C, Hartmann A, Hebebrand J, Konstantinidis A, Mathews CA, Müller-Vahl K, Nagy P, Nöthen MM, Paschou P, Rizzo R, Rouleau GA, Sandor P, Scharf JM, Schlögelhofer M, Stamenkovic M, Stuhmann M, Tsetsos F, Tarnok Z, Wolanczyk T, Worbe Y; Tourette International Collaborative Genetics Study, Brown L, Cheon KA, Coffey BJ, Dietrich A, Fernandez TV, Garcia-Delgar B, Gilbert D, Grice DE, Hagstrøm J, Hedderly T, Heiman GA, Heyman I, Hoekstra PJ, Huyser C, Kim YK, Kim YS, King RA, Koh YJ, Kook S, Kuperman S, Leventhal BL, Madruga-Garrido M, Mir P, Morer A, Münchau A, Plessen KJ, Roessner V, Shin EY, Song DH, Song J, Tischfield JA, Willsey AJ, Zinner S; Psychiatric Genomics Consortium Tourette Syndrome Working Group, Aschauer H, Barr CL, Barta C, Batterson JR, Berlin C, Brown L, Budman CL, Cath DC, Coffey BJ, Coppola G, Cox NJ, Darrow S, Davis LK, Depienne C, Dietrich A, Dion Y, Fernandez T, Freimer NB, Gilbert D, Grados MA, Greenberg E, Hartmann A, Hebebrand J, Heiman G, Hirschtritt ME, Hoekstra P, Huang AY, Illmann C, Jankovic J, King RA, Kuperman S, Lee PC, Lyon GJ, Malaty IA, Mathews CA, McMahon WM, Müller-Vahl K, Nagy P, Neale BM, Nöthen MM, Okun MS, Osiecki L,

Paschou P, Rizzo R, Robertson MM, Rouleau GA, Sandor P, Scharf JM, Schlögelhofer M, Singer HS, Stamenkovic M, Stuhmann M, Sul JH, Tarnok Z, Tischfield J, Tsetsos F, Willsey AJ, Woods D, Worbe Y, Yu D, Zinner S. Synaptic processes and immune-related pathways implicated in Tourette syndrome. *Transl Psychiatry*. 2021 Jan 18;11(1):56. doi: 10.1038/s41398-020-01082-z. PMID: 33462189; PMCID: PMC7814139.

38: Kim N, Kim HI, Kim DH, Park D, Song SH, Byon HJ. A novel electromagnetic guidance ultrasound system on radial artery cannulation: a prospective randomized controlled trial. *BMC Anesthesiol*. 2021 Jan 18;21(1):21. doi: 10.1186/s12871-021-01244-6. PMID: 33461484; PMCID: PMC7812638.

39: Oh HC, Hong CK, Lee KS, Cha YJ, Ahn SJ, Suh SH, Park HH. Apparent diffusion coefficient as a prognostic factor in clival chordoma. *Sci Rep*. 2021 Jan 12;11(1):486. doi: 10.1038/s41598-020-79894-8. PMID: 33436803; PMCID: PMC7804259.

40: Park HH, Park J, Cho HJ, Shim JK, Moon JH, Kim EH, Chang JH, Kim SY, Kang SG. Combinatorial Therapeutic Effect of Inhibitors of Aldehyde Dehydrogenase and Mitochondrial Complex I, and the Chemotherapeutic Drug, Temozolomide against Glioblastoma Tumorspheres. *Molecules*. 2021 Jan 8;26(2):282. doi: 10.3390/molecules26020282. PMID: 33429981; PMCID: PMC7827959.

41: Oh WO, Shim KW, Yeom I, Park IT, Heo Y. Features and diversity of symptoms of moyamoya disease in adolescents: A cluster analysis. *J Adv Nurs*. 2021 Jan 10. doi: 10.1111/jan.14723. Epub ahead of print. PMID: 33426712.

42: Oh JW, Lee CK, Whang K, Jeong SW. Functional plasticity of cardiac efferent neurons contributes to traumatic brain injury-induced cardiac autonomic dysfunction. *Brain Res*. 2021 Feb 15;1753:147257. doi: 10.1016/j.brainres.2020.147257. Epub 2021 Jan 7. PMID: 33422529.

43: Kang H, Lee SH, Oh CS, Shin HJ, Lee AG. Quantitative measurement of passive duction force tension in intermittent exotropia and its clinical implications. *Graefes Arch Clin Exp Ophthalmol*. 2021 Jan 7. doi: 10.1007/s00417-020-05030-x. Epub ahead of print. PMID: 33415355.

44: Bonduelle T, Hartlieb T, Baldassari S, Sim NS, Kim SH, Kang HC, Kobow K, Coras R, Chipaux M, Dorfmueller G, Adle-Biassette H, Aronica E, Lee JH, Blumcke I, Baulac S. Frequent SLC35A2 brain mosaicism in mild malformation of cortical development with oligodendroglial hyperplasia in epilepsy (MOGHE). *Acta Neuropathol Commun*. 2021 Jan 6;9(1):3. doi: 10.1186/s40478-020-01085-3. PMID: 33407896; PMCID: PMC7788938.

45: Choi J, Koo Y, Whang K, Cho S, Kim J. Safety of heparin loading during endovascular embolization in patients with aneurysmal subarachnoid hemorrhage. *Clin Neurol Neurosurg*. 2021 Feb;201:106453. doi: 10.1016/j.clineuro.2020.106453. Epub 2020 Dec 29. PMID: 33401052.

46: Yoo J, Park HH, Yun IS, Hong CK. Clinical applications of the endoscopic transorbital approach for various lesions. *Acta Neurochir (Wien)*. 2021 Jan 4. doi: 10.1007/s00701-020-04694-y. Epub ahead of print. PMID: 33394139.

47: Nagai J, Yu X, Papouin T, Cheong E, Freeman MR, Monk KR, Hastings MH, Haydon PG, Rowitch D, Shaham S, Khakh BS. Behaviorally consequential astrocytic regulation of neural circuits. *Neuron*. 2021 Feb 17;109(4):576-596. doi: 10.1016/j.neuron.2020.12.008. Epub 2020 Dec 31. PMID: 33385325; PMCID: PMC7897322.

48: Kim JH, Chung J. Wingspan Stenting for Symptomatic Severe In-Stent Stenosis of a Closed-Cell Stent after Stent-Assisted Coiling of a Ruptured Intracranial Aneurysm. *Yonsei Med J*. 2021 Jan;62(1):91-94. doi: 10.3349/ymj.2021.62.1.91. PMID: 33381939; PMCID: PMC7820447.

- 49: Kim KR, Kim KH, Park JY, Shin DA, Ha Y, Kim KN, Chin DK, Kim KS, Cho YE, Kuh SU. Surgical Strategy for Sacral Tumor Resection. *Yonsei Med J.* 2021 Jan;62(1):59-67. doi: 10.3349/ymj.2021.62.1.59. PMID: 33381935; PMCID: PMC7820448.
- 50: Noh SH, Jo HS, Choi S, Song HG, Kim HJ, Kim KN, Kim SE, Park K. Lactoferrin- Anchored Tannylated Mesoporous Silica Nanomaterials for Enhanced Osteo- Differentiation Ability. *Pharmaceutics.* 2020 Dec 26;13(1):30. doi: 10.3390/pharmaceutics13010030. PMID: 33375294; PMCID: PMC7823981.
- 51: Jeong HN, Ahn SI, Na M, Yoo J, Kim W, Jung IH, Kang S, Kim SM, Shin HY, Chang JH, Kim EH. Triggered Electrooculography for Identification of Oculomotor and Abducens Nerves during Skull Base Surgery. *J Korean Neurosurg Soc.* 2021 Mar;64(2):282-288. doi: 10.3340/jkns.2020.0179. Epub 2020 Dec 23. PMID: 33353290.
- 52: Hahn BS, Park JY. Incorporating New Technologies to Overcome the Limitations of Endoscopic Spine Surgery: Navigation, Robotics, and Visualization. *World Neurosurg.* 2021 Jan;145:712-721. doi: 10.1016/j.wneu.2020.06.188. PMID: 33348526.
- 53: Lee B, Bae MI, Eum D, Ntungji AM, Jun B, Min KT. Bleeding properties according to surgical sites during pediatric craniotomy: a retrospective study comparing the two stages of epilepsy surgery. *Anesth Pain Med (Seoul).* 2020 Jul 31;15(3):283-290. doi: 10.17085/apm.20010. PMID: 33329826; PMCID: PMC7713839.
- 54: Yoon SJ, Son HY, Shim JK, Moon JH, Kim EH, Chang JH, Teo WY, Kim SH, Park SW, Huh YM, Kang SG. Co-expression of cancer driver genes: IDH-wildtype glioblastoma-derived tumorspheres. *J Transl Med.* 2020 Dec 14;18(1):482. doi: 10.1186/s12967-020-02647-8. PMID: 33317554; PMCID: PMC7734785.
- 55: Kim D, Cho A, Hwang SH, Jo K, Chang JH, Yun M. Choroid Plexus as the Best Reference Region for Standardized Uptake Value Analysis on C11-Acetate PET/CT for Grading and Predicting Prognosis in Patients with Cerebral Gliomas. *Nucl Med Mol Imaging.* 2020 Dec;54(6):274-280. doi: 10.1007/s13139-020-00672-5. Epub 2020 Nov 16. PMID: 33281998; PMCID: PMC7704821.
- 56: Kim JH, Kim JW, Song SW, Ahn SJ, Park M, Park SK, Suh SH. Intracranial Aneurysms Are Associated With Marfan Syndrome: Single Cohort Retrospective Study in 118 Patients Using Brain Imaging. *Stroke.* 2021 Jan;52(1):331-334. doi: 10.1161/STROKEAHA.120.032107. Epub 2020 Dec 4. PMID: 33272132.
- 57: Ospel JM, Singh R, Kashani N, Almekhlafi M, Wilson A, Fischer U, Campbell B, Yoshimura S, Turjman F, Sylaja P, Heo JH, Hill MD, Saposnik G, Goyal M, Menon B. Endovascular Treatment Decision Making in Patients with Low Baseline ASPECTS: Insights from UNMASK EVT, an International Multidisciplinary Study. *J Stroke Cerebrovasc Dis.* 2020 Dec;29(12):105411. doi: 10.1016/j.jstrokecerebrovasdis.2020.105411. Epub 2020 Oct 29. PMID: 33254375.
- 58: Gwak SJ, Che L, Yun Y, Lee M, Ha Y. Combination Therapy by Tissue-Specific Suicide Gene and Bevacizumab in Intramedullary Spinal Cord Tumor. *Yonsei Med J.* 2020 Dec;61(12):1042-1049. doi: 10.3349/ymj.2020.61.12.1042. PMID: 33251778; PMCID: PMC7700877.
- 59: Krauss JK, Lipsman N, Aziz T, Boutet A, Brown P, Chang JW, Davidson B, Grill WM, Hariz MI, Horn A, Schulder M, Mammis A, Tass PA, Volkmann J, Lozano AM. Technology of deep brain stimulation: current status and future directions. *Nat Rev Neurol.* 2021 Feb;17(2):75-87. doi: 10.1038/s41582-020-00426-z. Epub 2020 Nov 26. PMID: 33244188; PMCID: PMC7116699.
- 60: Ossenkoppele R, Leuzy A, Cho H, Sudre CH, Strandberg O, Smith R, Palmqvist S, Mattsson-Carlgrén N, Olsson T, Jögi J, Stormrud E, Ryu YH, Choi JY; Alzheimer's Disease Neuroimaging Initiative;

PREVENT-AD research group, Boxer AL, Gorno-Tempini ML, Miller BL, Soleimani-Meigooni D, Iaccarino L, La Joie R, Borroni E, Klein G, Pontecorvo MJ, Devous MD Sr, Villeneuve S, Lyoo CH, Rabinovici GD, Hansson O. The impact of demographic, clinical, genetic, and imaging variables on tau PET status. *Eur J Nucl Med Mol Imaging*. 2020 Nov 19. doi: 10.1007/s00259-020-05099-w. Epub ahead of print. PMID: 33215319.

61: Bang WS, Park J, Kim KT, Cho DC, Riew KD, Kim DH, Han IB, Hyun SJ, Yoon DH, Kim YB. Development of Neuro-Monitoring Pedicle Screw - Results of Electrical Resistance and Neurophysiologic Test in Pig Model. *Neurospine*. 2020 Nov 18. doi: 10.14245/ns.2040424.212. Epub ahead of print. PMID: 33211943.

62: Kim M, Hong JH, Park SK, Kim SJ, Lee JH, Byun JH, Ko YH. Rupture of carotid artery pseudoaneurysm in the modern era of definitive chemoradiation for head and neck cancer: Two case reports. *World J Clin Cases*. 2020 Oct 26;8(20):4858-4865. doi: 10.12998/wjcc.v8.i20.4858. PMID: 33195654; PMCID: PMC7642552.

63: Yoon SJ, Noh J, Son HY, Moon JH, Kim EH, Park SW, Kim SH, Chang JH, Huh YM, Kang SG. Ambient carbon monoxide exposure and elevated risk of mortality in the glioblastoma patients: A double-cohort retrospective observational study. *Cancer Med*. 2020 Dec;9(23):9018-9026. doi: 10.1002/cam4.3572. Epub 2020 Nov 7. PMID: 33161654; PMCID: PMC7724304.

64: Kim SH, Kim N, Min KT, Kim EH, Oh H, Choi SH. Sleep disturbance and delirium in patients with acromegaly in the early postoperative period after transsphenoidal pituitary surgery. *Medicine (Baltimore)*. 2020 Nov 6;99(45):e23157. doi: 10.1097/MD.00000000000023157. PMID: 33158000; PMCID: PMC7647521.

65: Lee H, Kim M, Kim SH, Tran Q, Kong G, Kim C, Kwon SH, Park J, Park JB, Park S, Park J. Alpha-Methylacyl-CoA Racemase (AMACR), a Potential New Biomarker for Glioblastoma. *Front Oncol*. 2020 Oct 13;10:550673. doi: 10.3389/fonc.2020.550673. PMID: 33154941; PMCID: PMC7590573.

66: Wu H, Hariz M, Visser-Vandewalle V, Zrinzo L, Coenen VA, Sheth SA, Bervoets C, Naesström M, Blomstedt P, Coyne T, Hamani C, Slavin K, Krauss JK, Kahl KG, Taira T, Zhang C, Sun B, Toda H, Schlaepfer T, Chang JW, Régis J, Schuurman R, Schulder M, Doshi P, Mosley P, Poologaindran A, Lázaro-Muñoz G, Pepper J, Schechtmann G, Fytagoridis A, Huys D, Gonçalves-Ferreira A, D'Haese PF, Neimat J, Broggi G, Vilela-Filho O, Voges J, Alkhani A, Nakajima T, Richieri R, Djurfeldt D, Fontaine P, Martinez-Alvarez R, Okamura Y, Chandler J, Watanabe K, Barcia JA, Reneses B, Lozano A, Gabriëls L, De Salles A, Halpern CH, Matthews K, Fins JJ, Nuttin B. Deep brain stimulation for refractory obsessive-compulsive disorder (OCD): emerging or established therapy? *Mol Psychiatry*. 2021 Jan;26(1):60-65. doi: 10.1038/s41380-020-00933-x. Epub 2020 Nov 3. PMID: 33144712; PMCID: PMC7815503.

67: Moon SJ, Jeon HB, Kim EH, Lew DH, Kim YO, Hong JW. Staged reconstruction of a chronically infected large skull defect using free tissue transfer and a patient-specific polyetheretherketone implant. *Arch Craniofac Surg*. 2020 Oct;21(5):309-314. doi: 10.7181/acfs.2020.00311. Epub 2020 Oct 20. PMID: 33143400; PMCID: PMC7644347.

68: Lee K, Koo H, Kim Y, Kim D, Son E, Yang H, Lim Y, Hur M, Lee HW, Choi SW, Nam DH. Therapeutic Efficacy of GC1118, a Novel Anti-EGFR Antibody, against Glioblastoma with High EGFR Amplification in Patient-Derived Xenografts. *Cancers (Basel)*. 2020 Oct 31;12(11):3210. doi: 10.3390/cancers12113210. PMID: 33142709; PMCID: PMC7693807.

69: Lee JJ, Lee N, Oh SH, Shin DA, Yi S, Kim KN, Yoon DH, Shin HC, Ha Y. Clinical and radiological outcomes of multilevel cervical laminoplasty versus three-level anterior cervical discectomy and

- fusion in patients with cervical spondylotic myelopathy. *Quant Imaging Med Surg.* 2020 Nov;10(11):2112-2124. doi: 10.21037/qims-20-220. PMID: 33139991; PMCID: PMC7547256.
- 70: Park M, Han JW, Hahn SM, Lee JA, Kim JY, Shin SH, Kim DS, Yoon HI, Hong KT, Choi JY, Kang HJ, Shin HY, Phi JH, Kim SK, Lee JW, Yoo KH, Sung KW, Koo HH, Lim DH, Shin HJ, Kim H, Koh KN, Im HJ, Ahn SD, Ra YS, Baek HJ, Kook H, Jung TY, Choi HS, Kim CY, Park HJ, Lyu CJ. Atypical Teratoid/Rhabdoid Tumor of the Central Nervous System in Children Under the Age of 3 Years. *Cancer Res Treat.* 2020 Oct 28. doi: 10.4143/crt.2020.756. Epub ahead of print. PMID: 33138347.
- 71: Cho JM, Sung KS, Jung IH, Chang WS, Jung HH, Chang JH. Temporal Volume Change of Cavernous Sinus Cavernous Hemangiomas after Gamma Knife Surgery. *Yonsei Med J.* 2020 Nov;61(11):976-980. doi: 10.3349/ymj.2020.61.11.976. PMID: 33107242; PMCID: PMC7593097.
- 72: Cho KC, Yang H, Kim JJ, Oh JH, Kim YB. Prediction of rupture risk in cerebral aneurysms by comparing clinical cases with fluid-structure interaction analyses. *Sci Rep.* 2020 Oct 26;10(1):18237. doi: 10.1038/s41598-020-75362-5. PMID: 33106591; PMCID: PMC7588470.
- 73: Jung JM, Hyun SJ, Kim KJ, Kim CH, Chung CK, Kim KH, Cho YE, Shin DA, Park YK, Choi Y. A prospective study of non-surgical versus surgical treatment for lumbar spinal stenosis without instability. *J Clin Neurosci.* 2020 Oct;80:100-107. doi: 10.1016/j.jocn.2020.07.062. Epub 2020 Aug 17. PMID: 33099329.
- 74: Kim K, Park YW, Kim D, Ahn SS, Moon JH, Kim EH, Lee EJ, Ku CR. Biochemical Remission after Cabergoline Withdrawal in Hyperprolactinemic Patients with Visible Remnant Pituitary Adenoma. *J Clin Endocrinol Metab.* 2021 Jan 23;106(2):e615-e624. doi: 10.1210/clinem/dgaa744. PMID: 33079168.
- 75: Kim MJ, Park SH, Heo K, Chang JW, Kim JI, Chang WS. Functional Neural Changes after Low-Frequency Bilateral Globus Pallidus Internus Deep Brain Stimulation for Post-Hypoxic Cortical Myoclonus: Voxel-Based Subtraction Analysis of Serial Positron Emission. *Brain Sci.* 2020 Oct 13;10(10):730. doi: 10.3390/brainsci10100730. PMID: 33066158; PMCID: PMC7650619.
- 76: Kim HC, Jeon H, An SB, Kim H, Hwang S, Cha Y, Moon S, Shin DA, Ha Y, Kim KN, Yoon DH, Yi S. Novel C-arm based planning spine surgery robot proved in a porcine model and quantitative accuracy assessment methodology. *Int J Med Robot.* 2021 Apr;17(2):e2182. doi: 10.1002/rcs.2182. Epub 2020 Oct 26. PMID: 33052023.
- 77: Tanioka M, Park WK, Park J, Lee JE, Lee BH. Lipid Emulsion Improves Functional Recovery in an Animal Model of Stroke. *Int J Mol Sci.* 2020 Oct 6;21(19):7373. doi: 10.3390/ijms21197373. PMID: 33036206; PMCID: PMC7582956.
- 78: Park S, Kim WJ, Lee SK, Chang JW. Central Nervous System Infection-Related Isolated Hippocampal Atrophy as Another Subtype of Medial Temporal Lobe Epilepsy with Hippocampal Atrophy: A Comparison to Conventional Medial Temporal Lobe Epilepsy with Hippocampal Atrophy. *J Clin Neurol.* 2020 Oct;16(4):688-695. doi: 10.3988/jcn.2020.16.4.688. PMID: 33029977; PMCID: PMC7541999.
- 79: Kim S, Jang CK, Park EK, Shim KW, Kim DS, Chung J, Kim YB, Lee JW, Park KY. Clinical Features and Outcomes of Intracranial Aneurysm Associated with Moyamoya Disease. *J Clin Neurol.* 2020 Oct;16(4):624-632. doi: 10.3988/jcn.2020.16.4.624. PMID: 33029969; PMCID: PMC7541995.
- 80: Lee JJ, Oh SH, Jeong YH, Park SM, Jeon HS, Kim HC, An SB, Shin DA, Yi S, Kim KN, Yoon DH, Shin JJ, Ha Y. Surgical Strategies for Cervical Deformities Associated With Neuromuscular Disorders. *Neurospine.* 2020 Sep;17(3):513-524. doi: 10.14245/ns.2040464.232. Epub 2020 Sep 30. PMID: 33022156; PMCID: PMC7538346.

- 81: Park SH, Kim MJ, Jung HH, Chang WS, Choi HS, Rachmilevitch I, Zadicario E, Chang JW. One-Year Outcome of Multiple Blood-Brain Barrier Disruptions With Temozolomide for the Treatment of Glioblastoma. *Front Oncol.* 2020 Sep 10;10:1663. doi: 10.3389/fonc.2020.01663. PMID: 33014832; PMCID: PMC7511634.
- 82: Ahn JW, Jeong JY, Hwang SK, Shin HY, Park JS. A case of diffuse large B cell lymphoma initially presenting as CLIPPERS: possible role of the Epstein-Barr virus. *Neurol Sci.* 2021 Mar;42(3):1199-1202. doi: 10.1007/s10072-020-04750-6. Epub 2020 Sep 29. PMID: 32995991.
- 83: Kim SK, Elbashier OM, Lee SC, Choi WJ. Can posterior stand-alone expandable cages safely restore lumbar lordosis? A minimum 5-year follow-up study. *J Orthop Surg Res.* 2020 Sep 29;15(1):442. doi: 10.1186/s13018-020-01866-5. PMID: 32993711; PMCID: PMC7523357.
- 84: Lee CK, Kim D, An SB, Shin DA, Ha Y, Kim KN, Yi S. An optimal cortical bone trajectory technique to prevent early surgical complications. *Br J Neurosurg.* 2020 Sep 29:1-7. doi: 10.1080/02688697.2020.1821172. Epub ahead of print. PMID: 32991211.
- 85: Park J, Cho YE, Park M, Lee J, Kim D, Park YG. Correlation between preoperative somatosensory evoked potentials and intraoperative neurophysiological monitoring in spinal cord tumors. *J Clin Monit Comput.* 2020 Sep 29. doi: 10.1007/s10877-020-00584-x. Epub ahead of print. PMID: 32990900.
- 86: Albakheet SS, Yoon H, Lee MJ, Kim MJ, Park EK, Shim KW, Kim DS, Eun HS, Han K, Shin HJ. Determining the optimal timing of screening spinal cord ultrasonography to detect filum terminale lipoma in infants. *Ultrasonography.* 2020 Oct;39(4):367-375. doi: 10.14366/usg.19061. Epub 2020 Mar 17. PMID: 32962332; PMCID: PMC7515663.
- 87: Sung KS, Lim J, Na M, Lee S, Kim JS, Hong JB, Hong CK, Moon JH. Anterior skull base reconstruction using nasoseptal flap: cadaveric feasibility study and clinical implication [SevEN-001]. *J Otolaryngol Head Neck Surg.* 2020 Sep 21;49(1):67. doi: 10.1186/s40463-020-00460-3. PMID: 32958073; PMCID: PMC7504836.
- 88: Pan Z, Oh J, Huang L, Zeng Z, Duan P, Li Z, Yun Y, Kim J, Ha Y, Cao K. The combination of forskolin and VPA increases gene expression efficiency to the hypoxia/neuron-specific system. *Ann Transl Med.* 2020 Aug;8(15):933. doi: 10.21037/atm-20-3871. PMID: 32953733; PMCID: PMC7475429.
- 89: Kim NY, Lim J, Lee S, Kim K, Hong JH, Chun DH. Hematological factors predicting mortality in patients with traumatic epidural or subdural hematoma undergoing emergency surgical evacuation: A retrospective cohort study. *Medicine (Baltimore).* 2020 Sep 11;99(37):e22074. doi: 10.1097/MD.00000000000022074. PMID: 32925745; PMCID: PMC7489590.
- 90: Park K, Dhupal M, Kim CS, Jung SH, Choi D, Qi XF, Kim SK, Lee JY. Ameliorating effect of CpG-ODN (oligodeoxynucleotide) against radiation-induced lung injury in mice. *Radiat Environ Biophys.* 2020 Nov;59(4):733-741. doi: 10.1007/s00411-020-00871-w. Epub 2020 Sep 10. PMID: 32914274.
- 91: Park YW, Ahn SS, Park CJ, Han K, Kim EH, Kang SG, Chang JH, Kim SH, Lee SK. Correction to: Diffusion and perfusion MRI may predict EGFR amplification and the TERT promoter mutation status of IDH-wildtype lower-grade gliomas. *Eur Radiol.* 2021 Mar;31(3):1782. doi: 10.1007/s00330-020-07257-y. Erratum for: *Eur Radiol.* 2020 Dec;30(12):6475-6484. PMID: 32910232.
- 92: Seo Y, Whang K, Pyen J, Choi J, Kim J, Oh J. Missed Skeletal Trauma Detected by Whole Body Bone Scan in Patients with Traumatic Brain Injury. *J Korean Neurosurg Soc.* 2020 Sep;63(5):649-656. doi: 10.3340/jkns.2020.0171. Epub 2020 Sep 1. PMID: 32883059; PMCID: PMC7477155.

- 93: Park YW, Ahn SS, Kim EH, Kang SG, Chang JH, Kim SH, Zhou J, Lee SK. Differentiation of recurrent diffuse glioma from treatment-induced change using amide proton transfer imaging: incremental value to diffusion and perfusion parameters. *Neuroradiology*. 2021 Mar;63(3):363-372. doi: 10.1007/s00234-020-02542-5. Epub 2020 Sep 2. PMID: 32879995.
- 94: Noh SH, Kim KH, Park JY, Kuh SU, Chin DK, Kim KS, Cho YE. Anterior cervical discectomy and fusion vs posterior laminoplasty for the treatment of myelopathy due to two-level localized ossification of the posterior longitudinal ligament. *Medicine (Baltimore)*. 2020 Aug 14;99(33):e20955. doi: 10.1097/MD.000000000020955. PMID: 32871974; PMCID: PMC7437741.
- 95: Kim KR, Lee CK, Kim IS. Efficacy of interspinous device on adjacent segment degeneration after single level posterior lumbar interbody fusion: a minimum 2-year follow-up. *Br J Neurosurg*. 2020 Aug 31:1-9. doi: 10.1080/02688697.2020.1812516. Epub ahead of print. PMID: 32865435.
- 96: Park YW, Kang Y, Ahn SS, Ku CR, Kim EH, Kim SH, Lee EJ, Kim SH, Lee SK. Radiomics model predicts granulation pattern in growth hormone-secreting pituitary adenomas. *Pituitary*. 2020 Dec;23(6):691-700. doi: 10.1007/s11102-020-01077-5. PMID: 32851505.
- 97: Sa JK, Chang N, Lee HW, Cho HJ, Ceccarelli M, Cerulo L, Yin J, Kim SS, Caruso FP, Lee M, Kim D, Oh YT, Lee Y, Her NG, Min B, Kim HJ, Jeong DE, Kim HM, Kim H, Chung S, Woo HG, Lee J, Kong DS, Seol HJ, Lee JI, Kim J, Park WY, Wang Q, Sulman EP, Heimberger AB, Lim M, Park JB, Iavarone A, Verhaak RGW, Nam DH. Transcriptional regulatory networks of tumor-associated macrophages that drive malignancy in mesenchymal glioblastoma. *Genome Biol*. 2020 Aug 26;21(1):216. doi: 10.1186/s13059-020-02140-x. PMID: 32847614; PMCID: PMC7448990.
- 98: Park YW, An C, Lee J, Han K, Choi D, Ahn SS, Kim H, Ahn SJ, Chang JH, Kim SH, Lee SK. Diffusion tensor and postcontrast T1-weighted imaging radiomics to differentiate the epidermal growth factor receptor mutation status of brain metastases from non-Small-cell lung cancer. *Neuroradiology*. 2021 Mar;63(3):343-352. doi: 10.1007/s00234-020-02529-2. Epub 2020 Aug 21. PMID: 32827069.
- 99: Song KI, Seo H, Seong D, Kim S, Yu KJ, Kim YC, Kim J, Kwon SJ, Han HS, Youn I, Lee H, Son D. Adaptive self-healing electronic epineurium for chronic bidirectional neural interfaces. *Nat Commun*. 2020 Aug 21;11(1):4195. doi: 10.1038/s41467-020-18025-3. PMID: 32826916; PMCID: PMC7442836.
- 100: Oh E, Shim H, Yon HJ, Moon JS, Kang DR, Jang JY. Effectiveness of a multidisciplinary team for nutrition support in a trauma intensive care unit. *Acute Crit Care*. 2020 Aug;35(3):142-148. doi: 10.4266/acc.2020.00318. Epub 2020 Aug 19. PMID: 32811135; PMCID: PMC7483010.
- 101: Iwanaga J, Singh V, Ohtsuka A, Hwang Y, Kim HJ, Morys J, Ravi KS, Ribatti D, Trainor PA, Sañudo JR, Apaydin N, Şengül G, Albertine KH, Walocha JA, Loukas M, Duparc F, Paulsen F, Del Sol M, Adds P, Hegazy A, Tubbs RS. Acknowledging the use of human cadaveric tissues in research papers: Recommendations from anatomical journal editors. *Clin Anat*. 2021 Jan;34(1):2-4. doi: 10.1002/ca.23671. Epub 2020 Sep 9. PMID: 32808702.
- 102: Kang H, Lee SH, Shin HJ, Lee AG. New instrument for quantitative measurements of passive duct forces and its clinical implications. *Graefes Arch Clin Exp Ophthalmol*. 2020 Dec;258(12):2841-2848. doi: 10.1007/s00417-020-04848-9. Epub 2020 Aug 17. PMID: 32803326.
- 103: Tran Q, Lee H, Kim C, Kong G, Gong N, Kwon SH, Park J, Kim SH, Park J. Revisiting the Warburg Effect: Diet-Based Strategies for Cancer Prevention. *Biomed Res Int*. 2020 Aug 4;2020:8105735. doi: 10.1155/2020/8105735. PMID: 32802877; PMCID: PMC7426758.
- 104: Ahn Y, Lee S, Son S, Kim H, Kim JE. Learning Curve for Transforaminal Percutaneous Endoscopic

Lumbar Discectomy: A Systematic Review. *World Neurosurg.* 2020 Nov;143:471-479. doi: 10.1016/j.wneu.2020.08.044. Epub 2020 Aug 11. PMID: 32795687.

105: Park YW, Ahn SS, Park CJ, Han K, Kim EH, Kang SG, Chang JH, Kim SH, Lee SK. Diffusion and perfusion MRI may predict EGFR amplification and the TERT promoter mutation status of IDH-wildtype lower-grade gliomas. *Eur Radiol.* 2020 Dec;30(12):6475-6484. doi: 10.1007/s00330-020-07090-3. Epub 2020 Aug 12. Erratum in: *Eur Radiol.* 2020 Sep 10;; PMID: 32785770.

106: Kim M, Jung NY, Chang JW. Image analysis of the intracranial lead bending phenomenon during deep brain stimulation. *PLoS One.* 2020 Aug 12;15(8):e0237537. doi: 10.1371/journal.pone.0237537. PMID: 32785286; PMCID: PMC7423130.

107: Lee SW, Yuh WT, Yang JM, Cho YS, Yoo IK, Koh HY, Marshall D, Oh D, Ha EK, Han MY, Yon DK. Nationwide Results of COVID-19 Contact Tracing in South Korea: Individual Participant Data From an Epidemiological Survey. *JMIR Med Inform.* 2020 Aug 25;8(8):e20992. doi: 10.2196/20992. PMID: 32784189; PMCID: PMC7470235.

108: Byeon HJ, Park KY, Yoon JS, Ko J. Orbital Venous Malformation Accompanied by Arteriovenous Fistula. *Korean J Ophthalmol.* 2020 Aug;34(4):343-345. doi: 10.3341/kjo.2020.0043. PMID: 32783431; PMCID: PMC7419244.

109: Ku J, Kim SJ, Lee H, Jung K, An SK, Namkoong K, Yoon KJ, Lee E. Deactivation of anterior cingulate cortex during virtual social interaction in obsessive-compulsive disorder. *Psychiatry Res Neuroimaging.* 2020 Oct 30;304:111154. doi: 10.1016/j.psychres.2020.111154. Epub 2020 Jul 29. PMID: 32763759.

110: Woo HY, Na K, Yoo J, Chang JH, Park YN, Shim HS, Kim SH. Glioblastomas harboring gene fusions detected by next-generation sequencing. *Brain Tumor Pathol.* 2020 Oct;37(4):136-144. doi: 10.1007/s10014-020-00377-9. Epub 2020 Aug 6. PMID: 32761533.

111: Kim M, Park SK, Lee S, Lee JA, Park K. Letter: The Utility of Intraoperative Lateral Spread Recording in Microvascular Decompression for Hemifacial Spasm: A Systematic Review and Meta-Analysis. *Neurosurgery.* 2020 Oct 15;87(5):E596-E597. doi: 10.1093/neuros/nyaa339. PMID: 32761204.

112: Kong G, Lee H, Tran Q, Kim C, Gong N, Park J, Kwon SH, Kim SH, Park J. Current Knowledge on the Function of α -Methyl Acyl-CoA Racemase in Human Diseases. *Front Mol Biosci.* 2020 Jul 14;7:153. doi: 10.3389/fmolb.2020.00153. PMID: 32760737; PMCID: PMC7372137.

113: Kwon O, Chung J. Outcomes of Stent-Assisted Coiling Using the Neuroform Atlas Stent in Unruptured Wide-Necked Intracranial Aneurysms. *J Korean Neurosurg Soc.* 2021 Jan;64(1):23-29. doi: 10.3340/jkns.2020.0054. Epub 2020 Aug 7. PMID: 32759624; PMCID: PMC7819794.

114: Bae JB, Lipnicki DM, Han JW, Sachdev PS, Kim TH, Kwak KP, Kim BJ, Kim SG, Kim JL, Moon SW, Park JH, Ryu SH, Youn JC, Lee DY, Lee DW, Lee SB, Lee JJ, Jhoo JH, Llibre-Rodriguez JJ, Llibre-Guerra JJ, Valhuerdi-Cepero AJ, Ritchie K, Ancelin ML, Carriere I, Skoog I, Najjar J, Sterner TR, Scarmeas N, Yannakouliou M, Dardiotis E, Meguro K, Kasai M, Nakamura K, Riedel-Heller S, Roehr S, Pabst A, van Boxtel M, Köhler S, Ding D, Zhao Q, Liang X, Scazufca M, Lobo A, De-la- Cámara C, Lobo E, Kim KW; for Cohort Studies of Memory in an International Consortium (COSMIC). Does parity matter in women's risk of dementia? A COSMIC collaboration cohort study. *BMC Med.* 2020 Aug 5;18(1):210. doi: 10.1186/s12916-020-01671-1. PMID: 32753059; PMCID: PMC7406389.

115: Kim J, Joshi HP, Kim KT, Kim YY, Yeo K, Choi H, Kim YW, Choi UY, Kumar H, Sohn S, Shin DA, Han

- IB. Combined Treatment with Fasudil and Menthol Improves Functional Recovery in Rat Spinal Cord Injury Model. *Biomedicines*. 2020 Jul 31;8(8):258. doi: 10.3390/biomedicines8080258. PMID: 32751905; PMCID: PMC7460054.
- 116: Kim KR, Park JY. The Technical Feasibility of Unilateral Biportal Endoscopic Decompression for The Unpredicted Complication Following Minimally Invasive Transforaminal Lumbar Interbody Fusion: Case Report. *Neurospine*. 2020 Jul;17(Suppl 1):S154-S159. doi: 10.14245/ns.2040174.087. Epub 2020 Jul 31. PMID: 32746529; PMCID: PMC7410383.
- 117: Park CJ, Han K, Kim H, Ahn SS, Choi YS, Park YW, Chang JH, Kim SH, Jain R, Lee SK. Radiomics risk score may be a potential imaging biomarker for predicting survival in isocitrate dehydrogenase wild-type lower-grade gliomas. *Eur Radiol*. 2020 Dec;30(12):6464-6474. doi: 10.1007/s00330-020-07089-w. Epub 2020 Aug 1. PMID: 32740813.
- 118: Kim N, Kim SH, Kang SG, Moon JH, Cho J, Suh CO, In Yoon H, Chang JH. ATM mutations improve radio-sensitivity in wild-type isocitrate dehydrogenase- associated high-grade glioma: retrospective analysis using next-generation sequencing data. *Radiat Oncol*. 2020 Jul 31;15(1):184. doi: 10.1186/s13014-020-01619-y. PMID: 32736562; PMCID: PMC7393839.
- 119: Chung YS, Na M, Yoo J, Kim W, Jung IH, Moon JH, Lee J, Kim SH, Kim EH. Optical Coherent Tomography Predicts Long-Term Visual Outcome of Pituitary Adenoma Surgery: New Perspectives From a 5-Year Follow-up Study. *Neurosurgery*. 2020 Dec 15;88(1):106-112. doi: 10.1093/neuros/nyaa318. PMID: 32735666.
- 120: Kim JH, Chung J. Delayed Remote Intracerebral Hemorrhage after Wingspan Stenting for Internal Carotid Artery Stenosis Following the On-Label Usage Guidelines. *Yonsei Med J*. 2020 Aug;61(8):736-738. doi: 10.3349/ymj.2020.61.8.736. PMID: 32734739; PMCID: PMC7393292.
- 121: Zhang C, Ramirez-Zamora A, Meng F, Lin Z, Lai Y, Li D, Chang J, Morishita T, Inoue T, Fujioka S, Oyama G, Coyne T, Voon V, Doshi PK, Wu Y, Liu J, Patel B, Almeida L, Wagle Shukla AA, Hu W, Foote K, Zhang J, Sun B, Okun MS. An International Survey of Deep Brain Stimulation Utilization in Asia and Oceania: The DBS Think Tank East. *Front Hum Neurosci*. 2020 Jul 6;14:162. doi: 10.3389/fnhum.2020.00162. PMID: 32733215; PMCID: PMC7357800.
- 122: Han BG, Lee JY, Kim MR, Shin H, Kim JS, Yang JW, Kim JY. Fluid overload is a determinant for cardiac structural and functional impairments in type 2 diabetes mellitus and chronic kidney disease stage 5 not undergoing dialysis. *PLoS One*. 2020 Jul 30;15(7):e0235640. doi: 10.1371/journal.pone.0235640. PMID: 32730268; PMCID: PMC7392282.
- 123: Cho PG, Kim TH, Lee H, Ji GY, Park SH, Shin DA. Incidence, reasons, and risk factors for 30-day readmission after lumbar spine surgery for degenerative spinal disease. *Sci Rep*. 2020 Jul 29;10(1):12672. doi: 10.1038/s41598-020-69732-2. PMID: 32728078; PMCID: PMC7391755.
- 124: Jang CK, Chung J, Lee JW, Huh SK, Son NH, Park KY. Recurrence and retreatment of anterior communicating artery aneurysms after endovascular treatment: a retrospective study. *BMC Neurol*. 2020 Jul 29;20(1):287. doi: 10.1186/s12883-020-01871-5. PMID: 32727591; PMCID: PMC7389810.
- 125: Kang J, Park SS, Kim CH, Kim EC, Kim HC, Jeon H, Kim KH, Shin DA. Feasibility of Using the Epidural Space Detecting Device (EPI- Detection™) for Interlaminar Cervical Epidural Injection. *J Clin Med*. 2020 Jul 23;9(8):2355. doi: 10.3390/jcm9082355. PMID: 32717941; PMCID: PMC7463758.
- 126: Kim EH, Sohn BH, Eun YG, Lee DJ, Yim SY, Kang SG, Lee JS. Silence of Hippo Pathway Associates with Pro-Tumoral Immunosuppression: Potential Therapeutic Target of Glioblastomas. *Cells*. 2020 Jul

23;9(8):1761. doi: 10.3390/cells9081761. PMID: 32717825; PMCID: PMC7464204.

127: Noh SH, Kim KH. Response to a letter to the editor: yes, we are now searching for the answer. *Spine J.* 2020 Aug;20(8):1359-1360. doi: 10.1016/j.spinee.2020.04.013. PMID: 32713517.

128: Oh HC, Shim JK, Park J, Lee JH, Choi RJ, Kim NH, Kim HS, Moon JH, Kim EH, Chang JH, Yook JI, Kang SG. Combined effects of niclosamide and temozolomide against human glioblastoma tumorspheres. *J Cancer Res Clin Oncol.* 2020 Nov;146(11):2817-2828. doi: 10.1007/s00432-020-03330-7. Epub 2020 Jul 25. PMID: 32712753; PMCID: PMC7519913.

129: Choi YS, Bae S, Chang JH, Kang SG, Kim SH, Kim J, Rim TH, Choi SH, Jain R, Lee SK. Fully automated hybrid approach to predict the IDH mutation status of gliomas via deep learning and radiomics. *Neuro Oncol.* 2021 Feb 25;23(2):304-313. doi: 10.1093/neuonc/noaa177. PMID: 32706862; PMCID: PMC7906063.

130: Park EK, Shim KW, Kim DS. Postoperative hypotonia. *Childs Nerv Syst.* 2020 Sep;36(9):1967-1969. doi: 10.1007/s00381-020-04820-2. Epub 2020 Jul 22. PMID: 32700038.

131: Kim D, Ko HY, Lee S, Lee YH, Ryu S, Kim SY, Chung JI, Lee M, Moon JH, Chang JH, Yun M. Glucose Loading Enhances the Value of ¹⁸F-FDG PET/CT for the Characterization and Delineation of Cerebral Gliomas. *Cancers (Basel).* 2020 Jul 20;12(7):1977. doi: 10.3390/cancers12071977. PMID: 32698507; PMCID: PMC7409292.

132: Kim KR, Lee CK, Park JY, Kim IS. Preoperative Parameters for Predicting the Loss of Lordosis After Cervical Laminoplasty. *Spine (Phila Pa 1976).* 2020 Nov 1;45(21):1476-1484. doi: 10.1097/BRS.0000000000003604. PMID: 32694491.

133: Park HH, Kim WH, Jung HH, Chang JH, Lee KS, Chang WS, Hong CK. Radiosurgery vs. microsurgery for newly diagnosed, small petroclival meningiomas with trigeminal neuralgia. *Neurosurg Rev.* 2020 Dec;43(6):1631-1640. doi: 10.1007/s10143-020-01346-8. Epub 2020 Jul 8. PMID: 32642933.

134: Nam MH, Cho J, Kwon DH, Park JY, Woo J, Lee JM, Lee S, Ko HY, Won W, Kim RG, Song H, Oh SJ, Choi JW, Park KD, Park EK, Jung H, Kim HS, Lee MC, Yun M, Lee CJ, Kim HI. Excessive Astrocytic GABA Causes Cortical Hypometabolism and Impedes Functional Recovery after Subcortical Stroke. *Cell Rep.* 2020 Jul 7;32(1):107861. doi: 10.1016/j.celrep.2020.107861. Erratum in: *Cell Rep.* 2020 Jul 21;32(3):107975. PMID: 32640227.

135: Hong ZY, Li S, Liu X, Leng XM, Miao Z, Kang X, Niu H, Gao MQ, Lu P. Blocking C-Raf alleviated high-dose small-volume radiation-induced epithelial mesenchymal transition in mice lung. *Sci Rep.* 2020 Jul 7;10(1):11158. doi: 10.1038/s41598-020-68175-z. PMID: 32636458; PMCID: PMC7341876.

136: Chung HK, Nam JS, Lee MY, Kim YB, Won YS, Song WJ, Kim YH, Ahn CW, Sung KC. The increased amount of coffee consumption lowers the incidence of fatty liver disease in Korean men. *Nutr Metab Cardiovasc Dis.* 2020 Sep 24;30(10):1653-1661. doi: 10.1016/j.numecd.2020.05.026. Epub 2020 Jun 2. PMID: 32631703.

137: Noh SH, Park JY, Kuh SU, Chin DK, Kim KS, Cho YE, Kim KH. Association of complete unciniate process removal on 2-year assessment of radiologic outcomes: subsidence and sagittal balance in patients receiving one-level anterior cervical discectomy and fusion. *BMC Musculoskelet Disord.* 2020 Jul 6;21(1):439. doi: 10.1186/s12891-020-03443-7. PMID: 32631290; PMCID: PMC7339441.

138: Oh S, Yeom J, Cho HJ, Kim JH, Yoon SJ, Kim H, Sa JK, Ju S, Lee H, Oh MJ, Lee W, Kwon Y, Li H, Choi

- S, Han JH, Chang JH, Choi E, Kim J, Her NG, Kim SH, Kang SG, Paek E, Nam DH, Lee C, Kim HS. Integrated pharmaco-proteogenomics defines two subgroups in isocitrate dehydrogenase wild-type glioblastoma with prognostic and therapeutic opportunities. *Nat Commun.* 2020 Jul 3;11(1):3288. doi: 10.1038/s41467-020-17139-y. PMID: 32620753; PMCID: PMC7335111.
- 139: Roh TH, Moon JH, Park HH, Kim EH, Hong CK, Kim SH, Kang SG, Chang JH. Association between survival and levetiracetam use in glioblastoma patients treated with temozolomide chemoradiotherapy. *Sci Rep.* 2020 Jul 1;10(1):10783. doi: 10.1038/s41598-020-67697-w. PMID: 32612203; PMCID: PMC7330022.
- 140: Miller KJ, Pouratian N, Chang JW, Lee KH. Introduction. Exploring neurosurgical innovations at the brain-machine interface. *Neurosurg Focus.* 2020 Jul;49(1):E1. doi: 10.3171/2020.4.FOCUS20352. PMID: 32610292.
- 141: Koh CS, Park HY, Shin J, Kong C, Park M, Seo IS, Koo B, Jung HH, Chang JW, Shin HC. A novel rat robot controlled by electrical stimulation of the nigrostriatal pathway. *Neurosurg Focus.* 2020 Jul;49(1):E11. doi: 10.3171/2020.4.FOCUS20150. PMID: 32610286.
- 142: Lee CH, Hong JT, Lee SH, Yi S, Sohn MJ, Kim SH, Chung CK; Korean Spine Oncology Research Society. Is the Spinal Instability Neoplastic Score Accurate and Reliable in Predicting Vertebral Compression Fractures for Spinal Metastasis? A Systematic Review and Qualitative Analysis. *J Korean Neurosurg Soc.* 2021 Jan;64(1):4-12. doi: 10.3340/jkns.2020.0105. Epub 2020 Jun 24. PMID: 32580266; PMCID: PMC7819788.
- 143: Chang JG, Jung HH, Kim SJ, Chang WS, Jung NY, Kim CH, Chang JW. Bilateral thermal capsulotomy with magnetic resonance-guided focused ultrasound for patients with treatment-resistant depression: A proof-of-concept study. *Bipolar Disord.* 2020 Nov;22(7):771-774. doi: 10.1111/bdi.12964. Epub 2020 Jul 16. PMID: 32580242.
- 144: Lee H, Lee HY, Lee BE, Gerovska D, Park SY, Zaehres H, Araúzo-Bravo MJ, Kim JI, Ha Y, Schöler HR, Kim JB. Sequentially induced motor neurons from human fibroblasts facilitate locomotor recovery in a rodent spinal cord injury model. *Elife.* 2020 Jun 23;9:e52069. doi: 10.7554/eLife.52069. PMID: 32571478; PMCID: PMC7311175.
- 145: Ahn TK, Kim KT, Joshi HP, Park KH, Kyung JW, Choi UY, Sohn S, Sheen SH, Shin DE, Lee SH, Han IB. Therapeutic Potential of Tauroursodeoxycholic Acid for the Treatment of Osteoporosis. *Int J Mol Sci.* 2020 Jun 16;21(12):4274. doi: 10.3390/ijms21124274. PMID: 32560070; PMCID: PMC7349164.
- 146: Lee H, Hong Y, Kong G, Lee DH, Kim M, Tran Q, Cho H, Kim C, Park S, Kim SH, Kwon SH, Park J, Park J. Yin Yang 1 is required for PHD finger protein 20-mediated myogenic differentiation in vitro and in vivo. *Cell Death Differ.* 2020 Dec;27(12):3321-3336. doi: 10.1038/s41418-020-0580-6. Epub 2020 Jun 18. PMID: 32555448; PMCID: PMC7853144.
- 147: Lai Y, Wang T, Zhang C, Lin G, Voon V, Chang J, Sun B. Effectiveness and safety of neuroablation for severe and treatment-resistant obsessive-compulsive disorder: a systematic review and meta-analysis. *J Psychiatry Neurosci.* 2020 Sep 1;45(5):356-369. doi: 10.1503/jpn.190079. PMID: 32549057; PMCID: PMC7850151.
- 148: Na K, Sperry ZJ, Lu J, Vöröslakos M, Parizi SS, Bruns TM, Yoon E, Seymour JP. Novel diamond shuttle to deliver flexible neural probe with reduced tissue compression. *Microsyst Nanoeng.* 2020 Jun 1;6:37. doi: 10.1038/s41378-020-0149-z. PMID: 32528723; PMCID: PMC7261651.
- 149: Scorsetti M, Goodman KA, Seong J, Loi M, Huguet F, Dawson LA. Hepatocellular Carcinoma in the

COVID-19 Era: Primetime for Stereotactic Body Radiotherapy and a Lesson for the Future? *Oncologist*. 2020 Aug;25(8):e1249-e1250. doi: 10.1634/theoncologist.2020-0416. Epub 2020 Jun 23. PMID: 32525607; PMCID: PMC7307056.

150: Park JH, Cha YJ, Chang JH, Lee SK, Kim SH. A rare case of oligodendroglioma with gangliocytic differentiation in a 31-year-old male: importance of genetic testing for IDH1/2. *Brain Tumor Pathol*. 2020 Jul;37(3):95-99. doi: 10.1007/s10014-020-00368-w. Epub 2020 Jun 5. PMID: 32504153.

151: Kong DS, Kim YH, Hong CK. Optimal indications and limitations of endoscopic transorbital superior eyelid surgery for sphenoid-orbital meningiomas. *J Neurosurg*. 2020 Jun 5:1-8. doi: 10.3171/2020.3.JNS20297. Epub ahead of print. PMID: 32502989.

152: Wee CW, Kim IH, Park CK, Lim DH, Nam DH, Yoon HI, Suh CO, Chang JH, Chung WK, Jung TY, Park SH, Kim CY, Kim YZ, Gwak HS, Cho KH, Kim JH, Im JH, Kim WC, Kim SH, Kim IA. Postoperative radiotherapy for WHO grade II-III intracranial ependymoma in adults: An intergroup collaborative study (KROG 18-06/KNOG 18-01). *Radiother Oncol*. 2020 Sep;150:4-11. doi: 10.1016/j.radonc.2020.05.045. Epub 2020 Jun 2. PMID: 32502505.

153: Jiang L, Cao Y, Liu Z, Ni S, Liu J, Ha Y, Luo Z, Li C, Liu S, Li J, Yin X, Wu T, Lu H, Hu J. SR μ CT Reveals 3D Microstructural Alterations of the Vascular and Neuronal Network in a Rat Model of Chronic Compressive Thoracic Spinal Cord Injury. *Aging Dis*. 2020 May 9;11(3):603-617. doi: 10.14336/AD.2019.0529. PMID: 32489705; PMCID: PMC7220295.

154: Shin HJ, Lee SH, Ha TJ, Song WC, Lee AG, Koh KS. Intramuscular Nerves of the Inferior Rectus Muscle: Distribution and Characteristics. *Curr Eye Res*. 2020 Dec;45(12):1598-1603. doi: 10.1080/02713683.2020.1776333. Epub 2020 Jun 18. PMID: 32478585.

155: Yun Y, Ha Y. CRISPR/Cas9-Mediated Gene Correction to Understand ALS. *Int J Mol Sci*. 2020 May 27;21(11):3801. doi: 10.3390/ijms21113801. PMID: 32471232; PMCID: PMC7312396.

156: Kim N, Seong J. Reply to: "Can sorafenib use influence outcome when comparing stereotactic body radiation therapy with radiofrequency ablation in patients with hepatocellular carcinoma?". *J Hepatol*. 2020 Aug;73(2):468-469. doi: 10.1016/j.jhep.2020.04.016. Epub 2020 May 25. PMID: 32467075.

157: Lee HW, Chung W, Lee HO, Jeong DE, Jo A, Lim JE, Hong JH, Nam DH, Jeong BC, Park SH, Joo KM, Park WY. Single-cell RNA sequencing reveals the tumor microenvironment and facilitates strategic choices to circumvent treatment failure in a chemorefractory bladder cancer patient. *Genome Med*. 2020 May 27;12(1):47. doi: 10.1186/s13073-020-00741-6. PMID: 32460812; PMCID: PMC7251908.

158: Han S, Park B, Lim JW, Youm JY, Choi SW, Kim DH, Ahn DK. Comparison of Fusion Rate between Demineralized Bone Matrix versus Autograft in Lumbar Fusion : Meta-Analysis. *J Korean Neurosurg Soc*. 2020 Nov;63(6):673-680. doi: 10.3340/jkns.2019.0185. Epub 2020 May 27. PMID: 32455520; PMCID: PMC7671781.

159: Choi J, Pyen J, Cho S, Kim J, Koo Y, Whang K. Influence of Antithrombotic Medication on the Risk of Chronic Subdural Hematoma Recurrence after Burr-Hole Surgery. *J Korean Neurosurg Soc*. 2020 Jul;63(4):513-518. doi: 10.3340/jkns.2019.0194. Epub 2020 May 27. PMID: 32455519; PMCID: PMC7365285.

160: Yang YS, Ryu GW, Park CG, Yeom I, Shim KW, Choi M. Mood and Stress Evaluation of Adult Patients With Moyamoya Disease in Korea: Ecological Momentary Assessment Method Using a Mobile Phone App. *JMIR Mhealth Uhealth*. 2020 May 25;8(5):e17034. doi: 10.2196/17034. PMID: 32449687;

PMCID: PMC7281123.

161: Shin KJ, Lee SH, Park MG, Shin HJ, Lee AG. Location of the accessory infraorbital foramen with reference to external landmarks and its clinical implications. *Sci Rep*. 2020 May 22;10(1):8566. doi: 10.1038/s41598-020-65330-4. PMID: 32444685; PMCID: PMC7244752.

162: Kim SY, Jeon HJ, Kim S, Chung J, Park KY, Huh SK, Lee JW. Microsurgical clipping of ruptured anterior choroidal artery aneurysms: Incidence of and risk factors for ischemic complications. *Clin Neurol Neurosurg*. 2020 Aug;195:105884. doi: 10.1016/j.clineuro.2020.105884. Epub 2020 May 4. PMID: 32442804.

163: Kim H, Kim J, Yu S, Lee YY, Park J, Choi RJ, Yoon SJ, Kang SG, Kim VN. A Mechanism for microRNA Arm Switching Regulated by Uridylation. *Mol Cell*. 2020 Jun 18;78(6):1224-1236.e5. doi: 10.1016/j.molcel.2020.04.030. Epub 2020 May 21. PMID: 32442398.

164: Lim J, Roh TH, Kim W, Kim JS, Hong JB, Sung KS, Moon JH, Kim EH, Hong CK. Biportal endoscopic transorbital approach: a quantitative anatomical study and clinical application. *Acta Neurochir (Wien)*. 2020 Sep;162(9):2119-2128. doi: 10.1007/s00701-020-04339-0. Epub 2020 May 21. PMID: 32440923.

165: Byun HK, Yoon HI, Cho J, Shim KW, Han JW, Lyu CJ, Kim DS, Suh CO. Optimization of Intracranial Germinoma Treatment: Radiotherapy Alone with Reduced Volume and Dose. *Int J Radiat Oncol Biol Phys*. 2020 Nov 1;108(3):657-666. doi: 10.1016/j.ijrobp.2020.05.019. Epub 2020 May 17. PMID: 32434039.

166: Kim SK, Ryu S, Kim ES, Lee SH, Lee SC. Radiologic Efficacy and Patient Satisfaction after Minimally Invasive Unilateral Laminotomy and Bilateral Decompression in Patients with Lumbar Spinal Stenosis: A Retrospective Analysis. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Nov;81(6):475-483. doi: 10.1055/s-0040-1701621. Epub 2020 May 15. PMID: 32413931.

167: Cho DY, Choi JH, Choi HS, Kim BS, Shin YS. Immediate Postoperative Angiographic Stagnation of Contrast Media and T2-Weighted Magnetic Resonance Imaging Features within Aneurysmal Sac Are Associated with Early Regression of Large or Giant Aneurysm After Flow Diversion Only. *World Neurosurg*. 2020 Sep;141:e151-e159. doi: 10.1016/j.wneu.2020.05.047. Epub 2020 May 12. PMID: 32413568.

168: Wee CW, Kim IH, Park CK, Kim N, Suh CO, Chang JH, Lim DH, Nam DH, Kim IA, Kim CY, Oh YT, Chung WK, Kim SH. Correction to: Chemoradiation in elderly patients with glioblastoma from the multi-institutional GBM-molRPA cohort: is short-course radiotherapy enough or is it a matter of selection? *J Neurooncol*. 2020 May;148(1):67. doi: 10.1007/s11060-020-03532-6. Erratum for: *J Neurooncol*. 2020 May;148(1):57-65. PMID: 32399740.

169: Lee JJ, Ko J, Yun Y, Jang SW, Ha Y, Kim YS, Shin DA. Feasibility of the Epiduroscopy Simulator as a Training Tool: A Pilot Study. *Pain Res Manag*. 2020 Apr 28;2020:5428170. doi: 10.1155/2020/5428170. PMID: 32399127; PMCID: PMC7206891.

170: Koo DL, Yang KI, Kim JH, Kim D, Sunwoo JS, Hwangbo Y, Lee HR, Hong SB. Association between morningness-eveningness, sleep duration, weekend catch-up sleep and depression among Korean high-school students. *J Sleep Res*. 2021 Feb;30(1):e13063. doi: 10.1111/jsr.13063. Epub 2020 May 11. PMID: 32391631.

171: Lee JH, Lee SW, Choi CH, Ko JK. Does Systemic Lupus Erythematosus Increase the Risk of Procedure-Related Complication in Endovascular Treatment of Intracranial Aneurysm? *Yonsei Med J*. 2020 May;61(5):441-444. doi: 10.3349/ymj.2020.61.5.441. PMID: 32390369; PMCID: PMC7214111.

- 172: Kim S, Park YW, Park SH, Ahn SS, Chang JH, Kim SH, Lee SK. Comparison of Diagnostic Performance of Two-Dimensional and Three-Dimensional Fractal Dimension and Lacunarity Analyses for Predicting the Meningioma Grade. *Brain Tumor Res Treat*. 2020 Apr;8(1):36-42. doi: 10.14791/btrt.2020.8.e3. PMID: 32390352; PMCID: PMC7221468.
- 173: Kim SK, Park JE, Kim KH, Cho JM, Moon J, Yoon WS, Kim SH, Kim YI, Kim YZ, Kim HS, Dho YS, Park JS, Yoon HI, Seo Y, Sung KS, Song JH, Wee CW, Lee SH, Lim DH, Im JH, Chang JH, Han MH, Hong JB, Hwang K, Park CK, Lee YS, Gwak HS; KSNO Guideline Working Group. A National Consensus Survey for Current Practice in Brain Tumor Management III: Brain Metastasis and Primary Central Nervous System Lymphoma. *Brain Tumor Res Treat*. 2020 Apr;8(1):20-28. doi: 10.14791/btrt.2020.8.e7. PMID: 32390350; PMCID: PMC7221464.
- 174: Kim SK, Yoon HI, Yoon WS, Cho JM, Moon J, Kim KH, Kim SH, Kim YI, Kim YZ, Kim HS, Dho YS, Park JS, Park JE, Seo Y, Sung KS, Song JH, Wee CW, Lee SH, Lim DH, Im JH, Chang JH, Han MH, Hong JB, Hwang K, Park CK, Lee YS, Gwak HS; KSNO Guideline Working Group. A National Consensus Survey for Current Practice in Brain Tumor Management II: Diffuse Midline Glioma and Meningioma. *Brain Tumor Res Treat*. 2020 Apr;8(1):11-19. doi: 10.14791/btrt.2020.8.e6. PMID: 32390349; PMCID: PMC7221470.
- 175: Kim SK, Moon J, Cho JM, Kim KH, Kim SH, Kim YI, Kim YZ, Kim HS, Dho YS, Park JS, Park JE, Seo Y, Sung KS, Song JH, Wee CW, Yoon WS, Yoon HI, Lee SH, Lim DH, Im JH, Chang JH, Han MH, Hong JB, Hwang K, Park CK, Lee YS, Gwak HS; KSNO Guideline Working Group. A National Consensus Survey for Current Practice in Brain Tumor Management I: Antiepileptic Drug and Steroid Usage. *Brain Tumor Res Treat*. 2020 Apr;8(1):1-10. doi: 10.14791/btrt.2020.8.e5. PMID: 32390348; PMCID: PMC7221462.
- 176: Kim GU, Park J, Kim HJ, Shen F, Cho J, Chang BS, Lee CK, Chun HJ, Yeom JS. Definitions of unfavorable surgical outcomes and their risk factors based on disability score after spine surgery for lumbar spinal stenosis. *BMC Musculoskelet Disord*. 2020 May 8;21(1):288. doi: 10.1186/s12891-020-03323-0. PMID: 32384932; PMCID: PMC7206812.
- 177: Min S, Kim K, Ku S, Park JY, Seo J, Roh S. Newly synthesized peptide, Ara-27, exhibits significant improvement in cell-penetrating ability compared to conventional peptides. *Biotechnol Prog*. 2020 Sep;36(5):e3014. doi: 10.1002/btpr.3014. Epub 2020 Jun 11. PMID: 32374475.
- 178: Kim MJ, Park SH, Park KY, Jung HH, Chang JH, Chang JW, Lee JW, Chang WS. Gamma Knife Radiosurgery Followed by Flow-Reductive Embolization for Ruptured Arteriovenous Malformation. *J Clin Med*. 2020 May 2;9(5):1318. doi: 10.3390/jcm9051318. PMID: 32370235; PMCID: PMC7290943.
- 179: Kim SK, Park SW, Lim BC, Lee SC. Comparison of Reoperation after Fusion and after Decompression for Degenerative Lumbar Spinal Stenosis: A Single-Center Experience of 987 Cases. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Sep;81(5):392-398. doi: 10.1055/s-0040-1709164. Epub 2020 May 3. PMID: 32361983.
- 180: Wee CW, Kim IH, Park CK, Kim N, Suh CO, Chang JH, Lim DH, Nam DH, Kim IA, Kim CY, Oh YT, Chung WK, Kim SH. Chemoradiation in elderly patients with glioblastoma from the multi-institutional GBM-molRPA cohort: is short-course radiotherapy enough or is it a matter of selection? *J Neurooncol*. 2020 May;148(1):57-65. doi: 10.1007/s11060-020-03468-x. Epub 2020 May 2. Erratum in: *J Neurooncol*. 2020 May 12;; PMID: 32361863.
- 181: Jang JY, Oh J, Shim H, Kim S, Jung PY, Kim S, Bae KS. The need for a rapid transfer to a hybrid operating theatre: Do we lose benefit with poor efficiency? *Injury*. 2020 Sep;51(9):1987-1993. doi: 10.1016/j.injury.2020.04.029. Epub 2020 Apr 22. PMID: 32360089.
- 182: Yang YS, Ryu GW, Yeom I, Shim KW, Choi M. Stress and mood of adults with moyamoya disease:

- A cross-sectional study. *Nurs Health Sci.* 2020 Sep;22(3):795-802. doi: 10.1111/nhs.12729. Epub 2020 May 27. PMID: 32336006.
- 183: Hong JB, Roh TH, Kang SG, Kim SH, Moon JH, Kim EH, Ahn SS, Choi HJ, Cho J, Suh CO, Chang JH. Survival, Prognostic Factors, and Volumetric Analysis of Extent of Resection for Anaplastic Gliomas. *Cancer Res Treat.* 2020 Oct;52(4):1041-1049. doi: 10.4143/crt.2020.057. Epub 2020 Apr 23. PMID: 32324987; PMCID: PMC7577820.
- 184: Oh Y, Shin DA, Kim DJ, Cho W, Na T, Leem JG, Shin JW, Kim DH, Hahm KD, Choi SS. Effectiveness of and Factors Associated with Balloon Adhesiolysis in Patients with Lumbar Post-Laminectomy Syndrome: A Retrospective Study. *J Clin Med.* 2020 Apr 16;9(4):1144. doi: 10.3390/jcm9041144. PMID: 32316281; PMCID: PMC7230941.
- 185: Yoon SJ, Park J, Shin Y, Choi Y, Park SW, Kang SG, Son HY, Huh YM. Deconvolution of diffuse gastric cancer and the suppression of CD34 on the BALB/c nude mice model. *BMC Cancer.* 2020 Apr 15;20(1):314. doi: 10.1186/s12885-020-06814-4. PMID: 32293340; PMCID: PMC7160933.
- 186: Kim EH, Moon JH, Kang SG, Lee KS, Chang JH. Diagnostic challenges of posterior fossa hemangioblastomas: Refining current radiological classification scheme. *Sci Rep.* 2020 Apr 14;10(1):6267. doi: 10.1038/s41598-020-63207-0. PMID: 32286416; PMCID: PMC7156704.
- 187: Chung PED, Gendoo DMA, Ghanbari-Azarnier R, Liu JC, Jiang Z, Tsui J, Wang DY, Xiao X, Li B, Dubuc A, Shih D, Remke M, Ho B, Garzia L, Ben-David Y, Kang SG, Croul S, Haibe-Kains B, Huang A, Taylor MD, Zacksenhaus E. Modeling germline mutations in pineoblastoma uncovers lysosome disruption-based therapy. *Nat Commun.* 2020 Apr 14;11(1):1825. doi: 10.1038/s41467-020-15585-2. PMID: 32286280; PMCID: PMC7156401.
- 188: Hua TNM, Oh J, Kim S, Antonio JM, Vo VTA, Om J, Choi JW, Kim JY, Jung CW, Park MJ, Jeong Y. Peroxisome proliferator-activated receptor gamma as a theragnostic target for mesenchymal-type glioblastoma patients. *Exp Mol Med.* 2020 Apr;52(4):629-642. doi: 10.1038/s12276-020-0413-1. Epub 2020 Apr 13. PMID: 32280134; PMCID: PMC7210935.
- 189: Park YW, Kim S, Ahn SS, Han K, Kang SG, Chang JH, Kim SH, Lee SK, Park SH. Magnetic resonance imaging-based 3-dimensional fractal dimension and lacunarity analyses may predict the meningioma grade. *Eur Radiol.* 2020 Aug;30(8):4615-4622. doi: 10.1007/s00330-020-06788-8. Epub 2020 Apr 9. PMID: 32274524.
- 190: Chiang CH, Won SM, Orsborn AL, Yu KJ, Trumpis M, Bent B, Wang C, Xue Y, Min S, Woods V, Yu C, Kim BH, Kim SB, Huq R, Li J, Seo KJ, Vitale F, Richardson A, Fang H, Huang Y, Shepard K, Pesaran B, Rogers JA, Viventi J. Development of a neural interface for high-definition, long-term recording in rodents and nonhuman primates. *Sci Transl Med.* 2020 Apr 8;12(538):eaay4682. doi: 10.1126/scitranslmed.aay4682. PMID: 32269166; PMCID: PMC7478122.
- 191: Yun MR, Kim DH, Kim SY, Joo HS, Lee YW, Choi HM, Park CW, Heo SG, Kang HN, Lee SS, Schoenfeld AJ, Drilon A, Kang SG, Shim HS, Hong MH, Cui JJ, Kim HR, Cho BC. Repotrectinib Exhibits Potent Antitumor Activity in Treatment-Naïve and Solvent-Front-Mutant ROS1-Rearranged Non-Small-cell lung cancer. *Clin Cancer Res.* 2020 Jul 1;26(13):3287-3295. doi: 10.1158/1078-0432.CCR-19-2777. Epub 2020 Apr 8. PMID: 32269053.
- 192: Park S, Kim M, Hong Y, Lee H, Tran Q, Kim C, Kwon SH, Park J, Park J, Kim SH. Myristoylated TMEM39A541, a cell-permeable peptide, causes lung cancer cell death. *Toxicol Res.* 2020 Feb 7;36(2):123-130. doi: 10.1007/s43188-020-00038-1. PMID: 32257924; PMCID: PMC7099121.

- 193: Lee HW, Cho HH, Joung JG, Jeon HG, Jeong BC, Jeon SS, Lee HM, Nam DH, Park WY, Kim CK, Seo SI, Park H. Integrative Radiogenomics Approach for Risk Assessment of Post-Operative Metastasis in Pathological T1 Renal Cell Carcinoma: A Pilot Retrospective Cohort Study. *Cancers (Basel)*. 2020 Apr 2;12(4):866. doi: 10.3390/cancers12040866. PMID: 32252440; PMCID: PMC7226068.
- 194: Cho YE. The Future of Spine Surgery in the Fourth Industrial Revolution: Telerobotic Spine Surgery. *Neurospine*. 2020 Mar;17(1):123-124. doi: 10.14245/ns.19227edi.001. Epub 2020 Mar 31. PMID: 32252162; PMCID: PMC7136126.
- 195: Chung YS, Zhang HY, Ha Y, Park JY. Surgical Outcomes of Dysphagia Provoked by Diffuse Idiopathic Skeletal Hyperostosis in the Cervical Spine. *Yonsei Med J*. 2020 Apr;61(4):341-348. doi: 10.3349/ymj.2020.61.4.341. PMID: 32233177; PMCID: PMC7105401.
- 196: Lee J, Chung SY, Han JW, Kim DS, Kim J, Moon JY, Yoon HI, Suh CO. Treatment outcome of anaplastic ependymoma under the age of 3 treated by intensity- modulated radiotherapy. *Radiat Oncol J*. 2020 Mar;38(1):26-34. doi: 10.3857/roj.2020.00073. Epub 2020 Mar 25. PMID: 32229806; PMCID: PMC7113147.
- 197: Park SJ, Kim HJ, Yang HM, Yoon KB, Lee KY, Ha T, Jang H, Kim SH. Impact of simulation-based anesthesiology training using an anesthetized porcine model for ultrasound-guided transversus abdominis plane block. *J Int Med Res*. 2020 Mar;48(3):300060519896909. doi: 10.1177/0300060519896909. PMID: 32223646; PMCID: PMC7133415.
- 198: Shin DA, Lee W, Chang MC. Paraparesis After Lumbar Interlaminar Epidural Steroid Injection due to Spinal Arteriovenous Fistula Without Magnetic Resonance Imaging Evidence. *Pain Med*. 2020 Dec 25;21(12):3724-3726. doi: 10.1093/pm/pnaa073. PMID: 32219432.
- 199: Kim TW, Oh JK, Lee JY, Cho SK, An SB, Jeon HS, Kim HC, Kim KJ, Shin DA, Yi S, Kim KN, Yoon DH, Kim CO, Ha Y. Association of Frailty and Self-Care Activity With Sagittal Spinopelvic Alignment in the Elderly. *World Neurosurg*. 2020 Jun;138:e759-e766. doi: 10.1016/j.wneu.2020.03.071. Epub 2020 Mar 19. PMID: 32201289.
- 200: Kim J, Park YS, Woo MH, An HJ, Kim JO, Park HS, Ryu CS, Kim OJ, Kim NK. Distribution of Intracranial Major Artery Stenosis/Occlusion According to RNF213 Polymorphisms. *Int J Mol Sci*. 2020 Mar 13;21(6):1956. doi: 10.3390/ijms21061956. PMID: 32182997; PMCID: PMC7139595.
- 201: Lim EJ, Kim S, Oh Y, Suh Y, Kaushik N, Lee JH, Lee HJ, Kim MJ, Park MJ, Kim RK, Cha J, Kim SH, Shim JK, Choi J, Chang JH, Hong YK, Huh YM, Kim P, Kang SG, Lee SJ. Crosstalk between GBM cells and mesenchymal stemlike cells promotes the invasiveness of GBM through the C5a/p38/ZEB1 axis. *Neuro Oncol*. 2020 Oct 14;22(10):1452-1462. doi: 10.1093/neuonc/noaa064. Erratum in: *Neuro Oncol*. 2020 Aug 17;22(8):1229. PMID: 32179921; PMCID: PMC7566528.
- 202: Moon BJ, Ryu DS, Kim B, Ha Y, Yoon SH, Kim KN, Chin DK, Lee JK. Natural history and aggravating factors of sagittal imbalance in marked sagittal deformity compared with mild to moderate sagittal deformity: A prospective cohort study. *Medicine (Baltimore)*. 2020 Mar;99(11):e19551. doi: 10.1097/MD.00000000000019551. PMID: 32176111; PMCID: PMC7440234.
- 203: Kim SH, Ku CR, Na M, Yoo J, Kim W, Jung IH, Kim KW, Moon JH, Kim D, Lee EJ, Kim SH, Kim EH. Immediate postoperative measurement of thyroid-stimulating hormone as an early predictor of remission in thyroid-stimulating hormone- secreting pituitary adenomas. *J Neurosurg*. 2020 Mar 13:1-7. doi: 10.3171/2020.1.JNS192787. Epub ahead of print. PMID: 32168476.
- 204: Park KY, Yeon JY, Kim BM, Jeon P, Kim JH, Jang CK, Kim DJ, Lee JW, Kim YB, Chung J, Song DH,

Park HG, Park JS. Efficacy and Safety of Flow-Diverter Therapy for Recurrent Aneurysms after Stent-Assisted Coiling. *AJNR Am J Neuroradiol*. 2020 Apr;41(4):663-668. doi: 10.3174/ajnr.A6476. Epub 2020 Mar 12. PMID: 32165365; PMCID: PMC7144649.

205: Choi YS, Ahn SS, Chang JH, Kang SG, Kim EH, Kim SH, Jain R, Lee SK. Machine learning and radiomic phenotyping of lower grade gliomas: improving survival prediction. *Eur Radiol*. 2020 Jul;30(7):3834-3842. doi: 10.1007/s00330-020-06737-5. Epub 2020 Mar 11. PMID: 32162004.

206: Sung S, Kwon JW, Lee SB, Lee HM, Moon SH, Lee BH. Risk Factors of Clostridium Difficile Infection After Spinal Surgery: National Health Insurance Database. *Sci Rep*. 2020 Mar 10;10(1):4438. doi: 10.1038/s41598-020-61327-1. PMID: 32157186; PMCID: PMC7064609.

207: Ryu GW, Yang YS, Choi M, Shim KW. Lived experiences of adult patients with moyamoya disease: A qualitative case study. *Jpn J Nurs Sci*. 2020 Jul;17(3):e12332. doi: 10.1111/jjns.12332. Epub 2020 Mar 9. PMID: 32153137.

208: Davatzikos C, Barnholtz-Sloan JS, Bakas S, Colen R, Mahajan A, Quintero CB, Capellades Font J, Puig J, Jain R, Sloan AE, Badve C, Marcus DS, Seong Choi Y, Lee SK, Chang JH, Poisson LM, Griffith B, Dicker AP, Flanders AE, Booth TC, Rathore S, Akbari H, Sako C, Bilello M, Shukla G, Fathi Kazerooni A, Brem S, Lustig R, Mohan S, Bagley S, Nasrallah M, O'Rourke DM. AI-based prognostic imaging biomarkers for precision neuro-oncology: the ReSPOND consortium. *Neuro Oncol*. 2020 Jun 9;22(6):886-888. doi: 10.1093/neuonc/noaa045. PMID: 32152622; PMCID: PMC7283022.

209: Woo J, Seo JM, Lee M, Kim J, Min S, Kim ST, Ku S, Park JY. A Modified Magnified Analysis of Proteome (MAP) Method for Super-Resolution Cell Imaging that Retains Fluorescence. *Sci Rep*. 2020 Mar 6;10(1):4186. doi: 10.1038/s41598-020-61156-2. PMID: 32144302; PMCID: PMC7060248.

210: Shin K, Shin H, Cho HJ, Kang H, Lee JK, Seo YJ, Shin YJ, Kim D, Koo H, Kong DS, Seol HJ, Lee JI, Lee HW, Nam DH. Sphere-Forming Culture for Expanding Genetically Distinct Patient-Derived Glioma Stem Cells by Cellular Growth Rate Screening. *Cancers (Basel)*. 2020 Feb 27;12(3):549. doi: 10.3390/cancers12030549. PMID: 32120790; PMCID: PMC7139415.

211: Chung YS, Na M, Ku CR, Kim SH, Kim EH. Adrenocorticotrophic Hormone- Secreting Esthesioneuroblastoma with Ectopic Cushing's Syndrome. *Yonsei Med J*. 2020 Mar;61(3):257-261. doi: 10.3349/ymj.2020.61.3.257. PMID: 32102127; PMCID: PMC7044685.

212: Kim JJ, Cho KC, Suh SH, Chung J, Jang CK, Joo JY, Kim YB. Evaluation of the angiographic outcomes after clipping of intracranial aneurysms: determination of predisposing factors for occurrence of aneurysm remnants. *Neurol Res*. 2020 Apr;42(4):354-360. doi: 10.1080/01616412.2020.1732594. Epub 2020 Feb 26. PMID: 32100635.

213: Park MS, Moon SH, Kim TH, Oh JK, Lee SJ, Lee JH, Sung PS, Chang HG. Sagittal alignment based on inflection point and its differences according to age groups. *J Orthop Surg (Hong Kong)*. 2020 Jan-Apr;28(1):2309499020904615. doi: 10.1177/2309499020904615. PMID: 32090676.

214: Hill MD, Goyal M, Menon BK, Nogueira RG, McTaggart RA, Demchuk AM, Poppe AY, Buck BH, Field TS, Dowlathshahi D, van Adel BA, Swartz RH, Shah RA, Sauvageau E, Zerna C, Ospel JM, Joshi M, Almekhlafi MA, Ryckborst KJ, Lowerison MW, Heard K, Garman D, Haussen D, Cutting SM, Coutts SB, Roy D, Rempel JL, Rohr AC, Iancu D, Sahlas DJ, Yu AXY, Devlin TG, Hanel RA, Puetz V, Silver FL, Campbell BCV, Chapot R, Teitelbaum J, Mandzia JL, Kleinig TJ, Turkel-Parrella D, Heck D, Kelly ME, Bharatha A, Bang OY, Jadhav A, Gupta R, Frei DF, Tarpley JW, McDougall CG, Holmin S, Rha JH, Puri AS, Camden MC, Thomalla G, Choe H, Phillips SJ, Schindler JL, Thornton J, Nagel S, Heo JH, Sohn SI, Psychogios MN, Budzik RF, Starkman S, Martin CO, Burns PA, Murphy S, Lopez GA, English J, Tymianski

- M; ESCAPE-NA1 Investigators. Efficacy and safety of nerinetide for the treatment of acute ischaemic stroke (ESCAPE-NA1): a multicentre, double-blind, randomised controlled trial. *Lancet*. 2020 Mar 14;395(10227):878-887. doi: 10.1016/S0140-6736(20)30258-0. Epub 2020 Feb 20. PMID: 32087818.
- 215: Kandil E, Al-Qurayshi Z, Randolph G, Shama M, Bamford J, Kang SW. Comparison of Recording Electrode Arrays in Endotracheal Thyroid Monitoring Tubes in a Porcine Model. *Laryngoscope*. 2020 Oct;130(10):2499-2505. doi: 10.1002/lary.28513. Epub 2020 Feb 21. PMID: 32083721.
- 216: Suh JH, Park MC, Goughnour PC, Min BS, Kim SB, Lee WY, Cho YB, Cheon JH, Lee KY, Nam DH, Kim S. Plasma Lysyl-tRNA Synthetase 1 (KARS1) as a Novel Diagnostic and Monitoring Biomarker for Colorectal Cancer. *J Clin Med*. 2020 Feb 15;9(2):533. doi: 10.3390/jcm9020533. PMID: 32075312; PMCID: PMC7073917.
- 217: Park CJ, Han K, Shin H, Ahn SS, Choi YS, Park YW, Chang JH, Kim SH, Jain R, Lee SK. MR image phenotypes may add prognostic value to clinical features in IDH wild-type lower-grade gliomas. *Eur Radiol*. 2020 Jun;30(6):3035-3045. doi: 10.1007/s00330-020-06683-2. Epub 2020 Feb 14. PMID: 32060714.
- 218: Ospel JM, Kim B, Heo JH, Yoshimura S, Kashani N, Menon B, Almekhlafi M, Demchuk A, Hill M, Saposnik G, Goyal M. Endovascular treatment decision-making in acute ischemic stroke patients with large vessel occlusion and low National Institutes of Health Stroke Scale: insights from UNMASK EVT, an international multidisciplinary survey. *Neuroradiology*. 2020 Jun;62(6):715-721. doi: 10.1007/s00234-020-02371-6. Epub 2020 Feb 15. PMID: 32060567.
- 219: Shin D, Yang CE, Kim YO, Hong JW, Lee WJ, Lew DH, Chang JH, Kim CH. Huge Anterior Skull Base Defect Reconstruction on Communicating Between Cranium and Nasal Cavity: Combination Flap of Galeal Flap and Reverse Temporalis Flap. *J Craniofac Surg*. 2020 Mar/Apr;31(2):436-439. doi: 10.1097/SCS.0000000000006221. PMID: 32049922.
- 220: Choi J, Kim SH, Ahn SS, Choi HJ, Yoon HI, Cho JH, Roh TH, Kang SG, Chang JH, Suh CO. Extent of resection and molecular pathologic subtype are potent prognostic factors of adult WHO grade II glioma. *Sci Rep*. 2020 Feb 7;10(1):2086. doi: 10.1038/s41598-020-59089-x. PMID: 32034238; PMCID: PMC7005814.
- 221: Lee J, Chang WS, Shin J, Seo Y, Kong C, Song BW, Na YC, Kim BS, Chang JW. Non-invasively enhanced intracranial transplantation of mesenchymal stem cells using focused ultrasound mediated by overexpression of cell-adhesion molecules. *Stem Cell Res*. 2020 Mar;43:101726. doi: 10.1016/j.scr.2020.101726. Epub 2020 Jan 30. Erratum in: *Stem Cell Res*. 2021 Jan 16;51:102179. PMID: 32028085.
- 222: Cho PG, Kim TW, Ji GY, Park SH, Yun MJ, Shin DA. Diagnostic Value of Single-Photon Emission Computed Tomography/Computed Tomography Scans with Tc-99m HDP in Cervicogenic Headache. *J Clin Med*. 2020 Feb 2;9(2):399. doi: 10.3390/jcm9020399. PMID: 32024217; PMCID: PMC7074323.
- 223: Kim CY, Paek SH, Nam DH, Chang JH, Hong YK, Kim JH, Kim OL, Kim SH. Tumor treating fields plus temozolomide for newly diagnosed glioblastoma: a sub-group analysis of Korean patients in the EF-14 phase 3 trial. *J Neurooncol*. 2020 Feb;146(3):399-406. doi: 10.1007/s11060-019-03361-2. Epub 2020 Feb 4. PMID: 32020470.
- 224: Kario K, Kim BK, Aoki J, Wong AY, Lee YH, Wongpraparut N, Nguyen QN, Ahmad WAW, Lim ST, Ong TK, Wang TD. Renal Denervation in Asia: Consensus Statement of the Asia Renal Denervation Consortium. *Hypertension*. 2020 Mar;75(3):590-602. doi: 10.1161/HYPERTENSIONAHA.119.13671. Epub 2020 Feb 3. PMID: 32008432.

225: Kim TJ, Cha KS, Lee S, Yang TW, Kim KT, Park BS, Jun JS, Lim JA, Byun JI, Sunwoo JS, Shin JW, Kim KH, Lee SK, Jung KY. Brain regions associated with periodic leg movements during sleep in restless legs syndrome. *Sci Rep*. 2020 Jan 31;10(1):1615. doi: 10.1038/s41598-020-58365-0. PMID: 32005856; PMCID: PMC6994717.

226: Yun Y, Baek D, Lee D, Cheong E, Kim J, Oh J, Ha Y. Combined Method of Neuronal Cell-Inducible Vector and Valproic Acid for Enhanced Gene Expression under Hypoxic Conditions. *Tissue Eng Regen Med*. 2020 Feb;17(1):55-66. doi: 10.1007/s13770-019-00223-w. Epub 2019 Dec 9. PMID: 32002843; PMCID: PMC6992801.

227: Park HH, Yoo J, Yun IS, Hong CK. Comparative Analysis of Endoscopic Transorbital Approach and Extended Mini-Pterional Approach for Sphenoid Wing Meningiomas with Osseous Involvement: Preliminary Surgical Results. *World Neurosurg*. 2020 Jul;139:e1-e12. doi: 10.1016/j.wneu.2020.01.115. Epub 2020 Jan 28. PMID: 32001400.

228: Woo J, Kang H, Lee EY, Park S, Cho YE. Investigation of PRDM7 and PRDM12 expression pattern during mouse embryonic development by using a modified passive clearing technique. *Biochem Biophys Res Commun*. 2020 Apr 2;524(2):346-353. doi: 10.1016/j.bbrc.2019.12.133. Epub 2020 Jan 28. PMID: 32000999.

229: Park SH, Chang JW. Gamma Knife Radiosurgery on the Trigeminal Root Entry Zone for Idiopathic Trigeminal Neuralgia: Results and a Review of the Literature. *Yonsei Med J*. 2020 Feb;61(2):111-119. doi: 10.3349/ymj.2020.61.2.111. PMID: 31997619; PMCID: PMC6992458.

230: Yun Y, Hong SA, Kim KK, Baek D, Lee D, Londhe AM, Lee M, Yu J, McEachin ZT, Bassell GJ, Bowser R, Hales CM, Cho SR, Kim J, Pae AN, Cheong E, Kim S, Boulis NM, Bae S, Ha Y. CRISPR-mediated gene correction links the ATP7A M1311V mutations with amyotrophic lateral sclerosis pathogenesis in one individual. *Commun Biol*. 2020 Jan 20;3(1):33. doi: 10.1038/s42003-020-0755-1. PMID: 31959876; PMCID: PMC6970999.

231: Park HJ, Kim SK, Lee SC, Kim W, Han S, Kang SS. Dural Tears in Percutaneous Biportal Endoscopic Spine Surgery: Anatomical Location and Management. *World Neurosurg*. 2020 Apr;136:e578-e585. doi: 10.1016/j.wneu.2020.01.080. Epub 2020 Jan 17. PMID: 31958589.

232: Choi SM, Han K, Kim GM, Kwon JH, Lee J, Kim MD, Won JY. Safety of co- placement of ventriculoperitoneal shunt and percutaneous radiologic gastrostomy. *Acta Radiol*. 2020 Apr;61(4):435-440. doi: 10.1177/0284185119870170. Epub 2020 Jan 19. PMID: 31955610.

233: Kim JJ, Cho KC, Jung WS, Suh SH. Endovascular Treatment for Intracranial Aneurysms: A Nationwide Survey in Korea. *Neurointervention*. 2020 Mar;15(1):18-24. doi: 10.5469/neuroint.2019.00157. Epub 2020 Jan 20. PMID: 31955548; PMCID: PMC7105091.

234: Heo JY, Nam MH, Yoon HH, Kim J, Hwang YJ, Won W, Woo DH, Lee JA, Park HJ, Jo S, Lee MJ, Kim S, Shim JE, Jang DP, Kim KI, Huh SH, Jeong JY, Kowall NW, Lee J, Im H, Park JH, Jang BK, Park KD, Lee HJ, Shin H, Cho IJ, Hwang EM, Kim Y, Kim HY, Oh SJ, Lee SE, Paek SH, Yoon JH, Jin BK, Kweon GR, Shim I, Hwang O, Ryu H, Jeon SR, Lee CJ. Aberrant Tonic Inhibition of Dopaminergic Neuronal Activity Causes Motor Symptoms in Animal Models of Parkinson's Disease. *Curr Biol*. 2020 Jan 20;30(2):276-291.e9. doi: 10.1016/j.cub.2019.11.079. Epub 2020 Jan 9. PMID: 31928877.

235: Kim JG, Ahn C, Shin H, Kim W, Lim TH, Jang BH, Cho Y, Choi KS, Lee J, Na MK. Efficacy of the cooling method for targeted temperature management in post- cardiac arrest patients: A systematic review and meta-analysis. *Resuscitation*. 2020 Mar 1;148:14-24. doi: 10.1016/j.resuscitation.2019.12.025. Epub 2020 Jan 7. PMID: 31923532.

236: Kim HC, Oh JK, Kim DS, Roh JS, Kim TW, An SB, Jeon HS, Shin DA, Yi S, Kim KN, Yoon DH, Ha Y. Comparison of the effectiveness and safety of bioactive glass ceramic to allograft bone for anterior cervical discectomy and fusion with anterior plate fixation. *Neurosurg Rev.* 2020 Oct;43(5):1423-1430. doi: 10.1007/s10143-019-01225-x. Epub 2020 Jan 9. PMID: 31919700.

237: Shim YS, Park SK, Chung J. Preliminary experience of stent salvage using Neuroform Atlas stent for procedure-related complication during coil embolization of intracranial aneurysms. *Clin Neurol Neurosurg.* 2020 Mar;190:105654. doi: 10.1016/j.clineuro.2019.105654. Epub 2019 Dec 28. PMID: 31901613.

238: Park SH, Kim MJ, Jung HH, Chang WS, Choi HS, Rachmilevitch I, Zadicario E, Chang JW. Safety and feasibility of multiple blood-brain barrier disruptions for the treatment of glioblastoma in patients undergoing standard adjuvant chemotherapy. *J Neurosurg.* 2020 Jan 3:1-9. doi: 10.3171/2019.10.JNS192206. Epub ahead of print. PMID: 31899873.

239: Yang HS, Park JY. 3D Printer Application for Endoscope-Assisted Spine Surgery Instrument Development: From Prototype Instruments to Patient-Specific 3D Models. *Yonsei Med J.* 2020 Jan;61(1):94-99. doi: 10.3349/ymj.2020.61.1.94. PMID: 31887805; PMCID: PMC6938781.

240: Chung YS, Kim JJ, Kim SH, Chung J, Lee JW, Park KY. Symptomatic Sinus Pericranii with Adult Onset Headache: A Case Report with Pathologic Perspective. *J Cerebrovasc Endovasc Neurosurg.* 2019 Sep;21(3):163-168. doi: 10.7461/jcen.2019.21.3.163. Epub 2019 Sep 30. PMID: 31886152; PMCID: PMC6911930.

241: Kim NY, Choi JW, Whang K, Cho SM, Koo YM, Kim JY. Neurologic complications in patients with carotid artery stenting. *J Cerebrovasc Endovasc Neurosurg.* 2019 Jun;21(2):86-93. doi: 10.7461/jcen.2019.21.2.86. Epub 2019 Jun 30. PMID: 31886144; PMCID: PMC6911771.

242: Shin J, Kong C, Lee J, Choi BY, Sim J, Koh CS, Park M, Na YC, Suh SW, Chang WS, Chang JW. Focused ultrasound-induced blood-brain barrier opening improves adult hippocampal neurogenesis and cognitive function in a cholinergic degeneration dementia rat model. *Alzheimers Res Ther.* 2019 Dec 27;11(1):110. doi: 10.1186/s13195-019-0569-x. PMID: 31881998; PMCID: PMC6933667.

243: Cha KS, Kim TJ, Jun JS, Byun JI, Sunwoo JS, Shin JW, Kim KH, Lee SK, Jung KY. Impaired slow oscillation, sleep spindle, and slow oscillation-spindle coordination in patients with idiopathic restless legs syndrome. *Sleep Med.* 2020 Feb;66:139-147. doi: 10.1016/j.sleep.2019.09.021. Epub 2019 Oct 31. PMID: 31877505.

244: Lee JE, Yoon JS, Park KY. Proptosis as a Primary Symptom of Brain Arteriovenous Malformation. *Ophthalmic Plast Reconstr Surg.* 2020 Mar/Apr;36(2):e53-e54. doi: 10.1097/IOP.0000000000001570. PMID: 31868795.

245: Sung KS, Roh TH, Moon JH, Kim EH, Kang SG, Kim SH, Chang JH. Treatment Results for Recurrent Glioblastoma and Alteration of Programmed Death-Ligand 1 Expression After Recurrence. *World Neurosurg.* 2020 Mar;135:e459-e467. doi: 10.1016/j.wneu.2019.12.028. Epub 2019 Dec 13. PMID: 31843727.

246: Park HH, Ronconi D, Hanakita S, Watanabe K, Labidi M, Bernat AL, Froelich S. Endoscopic endonasal approach to the mesial temporal lobe: anatomical study and clinical considerations for a selective amygdalohippocampectomy. *Acta Neurochir (Wien).* 2020 Apr;162(4):881-891. doi: 10.1007/s00701-019-04163-1. Epub 2019 Dec 13. PMID: 31834499.

247: Kim W, Kim SK, Kang SS, Park HJ, Han S, Lee SC. Pooled analysis of unsuccessful percutaneous

- biportal endoscopic surgery outcomes from a multi- institutional retrospective cohort of 797 cases. *Acta Neurochir (Wien)*. 2020 Feb;162(2):279-287. doi: 10.1007/s00701-019-04162-2. Epub 2019 Dec 9. PMID: 31820196.
- 248: Park CJ, Choi YS, Park YW, Ahn SS, Kang SG, Chang JH, Kim SH, Lee SK. Diffusion tensor imaging radiomics in lower-grade glioma: improving subtyping of isocitrate dehydrogenase mutation status. *Neuroradiology*. 2020 Mar;62(3):319-326. doi: 10.1007/s00234-019-02312-y. Epub 2019 Dec 9. PMID: 31820065.
- 249: An SB, Lee JJ, Kim TW, Shin DA, Yi S, Kim KN, Yoon DH, Ha Y. Upper Cervical Surgery, Increased Signal Intensity of the Spinal Cord, and Hypertension as Risk Factors for Dyspnea After Multilevel Anterior Cervical Discectomy and Fusion. *Spine (Phila Pa 1976)*. 2020 Apr 1;45(7):E379-E386. doi: 10.1097/BRS.0000000000003329. PMID: 31770331.
- 250: Yoon JG, Hahn HM, Choi S, Kim SJ, Aum S, Yu JW, Park EK, Shim KW, Lee MG, Kim YO. Molecular Diagnosis of Craniosynostosis Using Targeted Next-Generation Sequencing. *Neurosurgery*. 2020 Aug 1;87(2):294-302. doi: 10.1093/neuros/nyz470. PMID: 31754721.
- 251: Baik JS, Ma HI, Lee PH, Taira T. Focal Task-Specific Lower Limb Dystonia Only When Walking Stairs: Is It a New Disease Entity? *Front Neurol*. 2019 Oct 29;10:1081. doi: 10.3389/fneur.2019.01081. PMID: 31749753; PMCID: PMC6842934.
- 252: Halpern CH, Santini V, Lipsman N, Lozano AM, Schwartz ML, Shah BB, Elias WJ, Cosgrove GR, Hayes MT, McDannold N, Aldrich C, Eisenberg HM, Gandhi D, Taira T, Gwinn R, Ro S, Witt J, Jung NY, Chang JW, Rosenberg J, Ghanouni P. Three-year follow-up of prospective trial of focused ultrasound thalamotomy for essential tremor. *Neurology*. 2019 Dec 10;93(24):e2284-e2293. doi: 10.1212/WNL.0000000000008561. Epub 2019 Nov 20. PMID: 31748250.
- 253: Noh SH, Ha Y, Obeid I, Park JY, Kuh SU, Chin DK, Kim KS, Cho YE, Lee HS, Kim KH. Modified global alignment and proportion scoring with body mass index and bone mineral density (GAPB) for improving predictions of mechanical complications after adult spinal deformity surgery. *Spine J*. 2020 May;20(5):776-784. doi: 10.1016/j.spinee.2019.11.006. Epub 2019 Nov 14. PMID: 31734452.
- 254: No HJ, Lee JM, Won D, Kang P, Choi S. Airway management of a patient incidentally diagnosed with Mounier-Kuhn syndrome during general anesthesia. *J Dent Anesth Pain Med*. 2019 Oct;19(5):301-306. doi: 10.17245/jdapm.2019.19.5.301. Epub 2019 Oct 30. PMID: 31723671; PMCID: PMC6834713.
- 255: Kim NY, Kim JY, Pyen JS, Whan K, Cho SM, Choi JW. Treatment of Pseudoaneurysm of Internal Maxillary Artery Resulting from Needle Injury. *Korean J Neurotrauma*. 2019 Oct 18;15(2):176-181. doi: 10.13004/kjnt.2019.15.e33. PMID: 31720273; PMCID: PMC6826093.
- 256: Ospel JM, Kashani N N, Menon B, Almekhlafi M, Wilson A, Fischer U, Campbell B, Yoshimura S, Turjman F, Cherian M, Heo JH, Hill M, Saposnik G, Goyal M. Endovascular Treatment Decision Making in Octogenarians and Nonagenarians : Insights from UNMASK EVT an International Multidisciplinary Study. *Clin Neuroradiol*. 2020 Mar;30(1):45-50. doi: 10.1007/s00062-019-00848-3. Epub 2019 Nov 8. PMID: 31705154.
- 257: Yu Z, He D, Xiong J, Pan Z, Feng L, Xu J, Han Z, Gagnaniello C, Koga H, Phan K, Azimi P, Lee JJ, Ha Y, Cao K. Extensor muscle-preserving laminectomy in treating multilevel cervical spondylotic myelopathy compared with laminoplasty. *Ann Transl Med*. 2019 Sep;7(18):472. doi: 10.21037/atm.2019.08.17. PMID: 31700908; PMCID: PMC6803235.

258: Krishna V, Sammartino F, Cosgrove R, Ghanouni P, Schwartz M, Gwinn R, Eisenberg H, Fishman P, Chang JW, Taira T, Kaplitt M, Rezai A, Rumià J, Gedroyc W, Igase K, Kishima H, Yamada K, Ohnishi H, Halpern C. Predictors of Outcomes After Focused Ultrasound Thalamotomy. *Neurosurgery*. 2020 Aug 1;87(2):229-237. doi: 10.1093/neuros/nyz417. Erratum in: *Neurosurgery*. 2020 Apr 1;86(4):604. PMID: 31690945.

259: Lee B, Park SJ, Moon JH, Kim SH, Chang JH, Kim SH, Kim EH. Angioleiomyoma in the Orbital Apex: A Case Report. *Brain Tumor Res Treat*. 2019 Oct;7(2):156-159. doi: 10.14791/btrt.2019.7.e30. PMID: 31686449; PMCID: PMC6829078.

260: Kim YZ, Kim CY, Wee CW, Roh TH, Hong JB, Oh HJ, Kang SG, Kang SH, Kong DS, Kim SH, Kim SH, Kim SH, Kim YJ, Kim EH, Kim IA, Kim HS, Park JS, Park HJ, Song SW, Sung KS, Yang SH, Yoon WS, Yoon HI, Lee J, Lee ST, Lee SW, Lee YS, Lim J, Chang JH, Jung TY, Jung HL, Cho JH, Choi SH, Choi HS, Lim DH, Chung DS; KSNO Guideline Working Group. The Korean Society for Neuro-Oncology (KSNO) Guideline for WHO Grade II Cerebral Gliomas in Adults: Version 2019.01. *Brain Tumor Res Treat*. 2019 Oct;7(2):74-84. doi: 10.14791/btrt.2019.7.e43. PMID: 31686437; PMCID: PMC6829081.

261: Kim YZ, Kim CY, Lim J, Sung KS, Lee J, Oh HJ, Kang SG, Kang SH, Kong DS, Kim SH, Kim SH, Kim SH, Kim YJ, Kim EH, Kim IA, Kim HS, Roh TH, Park JS, Park HJ, Song SW, Yang SH, Yoon WS, Yoon HI, Lee ST, Lee SW, Lee YS, Wee CW, Chang JH, Jung TY, Jung HL, Cho JH, Choi SH, Choi HS, Hong JB, Lim DH, Chung DS; KSNO Guideline Working Group. The Korean Society for Neuro-Oncology (KSNO) Guideline for WHO Grade III Cerebral Gliomas in Adults: Version 2019.01. *Brain Tumor Res Treat*. 2019 Oct;7(2):63-73. doi: 10.14791/btrt.2019.7.e42. PMID: 31686436; PMCID: PMC6829084.

262: Kashani N, Ospel JM, Menon BK, Saposnik G, Almekhlafi M, Sylaja PN, Campbell BCV, Heo JH, Mitchell PJ, Cherian M, Turjman F, Kim B, Fischer U, Wilson AT, Baxter B, Rabinstein A, Yoshimura S, Hill MD, Goyal M. Influence of Guidelines in Endovascular Therapy Decision Making in Acute Ischemic Stroke: Insights From UNMASK EVT. *Stroke*. 2019 Dec;50(12):3578-3584. doi: 10.1161/STROKEAHA.119.026982. Epub 2019 Nov 5. PMID: 31684847.

263: Cho PG, Shin DA, Park SH, Ji GY. Efficacy of a Novel [Annular Closure Device](#) after Lumbar Discectomy in Korean Patients : A 24-Month Follow-Up of a Randomized Controlled Trial. *J Korean Neurosurg Soc*. 2019 Nov;62(6):691-699. doi: 10.3340/jkns.2019.0071. Epub 2019 Oct 30. PMID: 31679318; PMCID: PMC6835150.

264: Hwang K, Kim TM, Park CK, Chang JH, Jung TY, Kim JH, Nam DH, Kim SH, Yoo H, Hong YK, Kim EY, Lee DE, Joo J, Kim YJ, Choe G, Choi BS, Kang SG, Kim JH, Kim CY. Concurrent and Adjuvant Temozolomide for Newly Diagnosed Grade III Gliomas without 1p/19q Co-deletion: A Randomized, Open-Label, Phase 2 Study (KNOG-1101 Study). *Cancer Res Treat*. 2020 Apr;52(2):505-515. doi: 10.4143/crt.2019.421. Epub 2019 Oct 28. PMID: 31671938; PMCID: PMC7176949.

265: Kim HY, Lee BI, Jeon JH, Kim DK, Kang SG, Shim JK, Kim SY, Kang SW, Jang H. Gossypol Suppresses Growth of Temozolomide-Resistant Glioblastoma Tumor Spheres. *Biomolecules*. 2019 Oct 10;9(10):595. doi: 10.3390/biom9100595. PMID: 31658771; PMCID: PMC6843396.

266: Choi YJ, Kwon HJ, O J, Cho TH, Won JY, Yang HM, Kim SH. Influence of injectate volume on paravertebral spread in erector spinae plane block: An endoscopic and anatomical evaluation. *PLoS One*. 2019 Oct 28;14(10):e0224487. doi: 10.1371/journal.pone.0224487. PMID: 31658293; PMCID: PMC6816541.

267: Kang MS, Park JY, Kuh SU, Chin DK, Kim KS, Jin BH, Cho YE, Kim KH. Preoperative radiographic clues for transdural disc herniation: could it be predictable? *Acta Neurochir (Wien)*. 2019

- Dec;161(12):2409-2414. doi: 10.1007/s00701-019-04061-6. Epub 2019 Oct 25. PMID: 31654204.
- 268: Oh Y, Kim DH, Park JY, Ji GY, Shin DA, Lee SW, Park JK, Shin JW, Choi SS. Factors Associated with Successful Response to Balloon Decompressive Adhesiolysis Neuroplasty in Patients with Chronic Lumbar Foraminal Stenosis. *J Clin Med*. 2019 Oct 23;8(11):1766. doi: 10.3390/jcm8111766. PMID: 31652838; PMCID: PMC6912426.
- 269: Park KY, Jang CK, Lee JW, Kim DJ, Kim BM, Chung J. Preliminary experience of stent-assisted coiling of wide-necked intracranial aneurysms with a single microcatheter. *BMC Neurol*. 2019 Oct 22;19(1):245. doi: 10.1186/s12883-019-1470-8. PMID: 31640586; PMCID: PMC6806571.
- 270: Nam TK, Byun JS, Choi HH, Chung MS, Lee EJ. Feasibility and Effectiveness of Direct Puncture and Onyx Embolization for Transverse Sinus Dural Arteriovenous Fistula. *Yonsei Med J*. 2019 Nov;60(11):1112-1115. doi: 10.3349/ymj.2019.60.11.1112. PMID: 31637895; PMCID: PMC6813141.
- 271: Lee JH, Chough CK, Choi HJ, Ko JK, Cho WH, Cha SH, Choi CH, Kim YH. Bone Flap Changes after Cranioplasty Using Frozen Autologous Bone Flaps: A Three- Dimensional Volumetric Reconstruction Study. *Yonsei Med J*. 2019 Nov;60(11):1067-1073. doi: 10.3349/ymj.2019.60.11.1067. PMID: 31637889; PMCID: PMC6813147.
- 272: Oh HC, Kim HS, Park JY. Abdominal compartment syndrome following posterior lumbar fusion in a patient with previous abdominal surgery. *Spinal Cord Ser Cases*. 2019 May 16;5:47. doi: 10.1038/s41394-019-0191-y. PMID: 31632706; PMCID: PMC6786363.
- 273: Bae HJ, Hyun H, Byeon Y, Shin K, Cho Y, Song YJ, Yi S, Kuh SU, Yeom JS, Kim N. Fully automated 3D segmentation and separation of multiple cervical vertebrae in CT images using a 2D convolutional neural network. *Comput Methods Programs Biomed*. 2020 Feb;184:105119. doi: 10.1016/j.cmpb.2019.105119. Epub 2019 Oct 4. PMID: 31627152.
- 274: Park JM, Moon DH, Lee HS, Park JY, Lee JW, Lee S. Hyperhidrosis, Endoscopic Thoracic Sympathectomy, and Cardiovascular Outcomes: A Cohort Study Based on the Korean Health Insurance Review and Assessment Service Database. *Int J Environ Res Public Health*. 2019 Oct 15;16(20):3925. doi: 10.3390/ijerph16203925. PMID: 31619017; PMCID: PMC6843684.
- 275: Oh JK, Hong JT, Kang DH, Kim SW, Kim SW, Kim YJ, Chung CK, Shin JJ, Yi S, Lee JK, Lee JH, Lee CH, Lee HJ, Chun HJ, Cho DC, Cho YE, Jin YJ, Choi KC, Han IH, Hyun SJ, Hur JW, Kim KJ. Epidemiology of C5 Palsy after Cervical Spine Surgery: A 21-Center Study. *Neurospine*. 2019 Sep;16(3):558-562. doi: 10.14245/ns.1938142.071. Epub 2019 Sep 30. PMID: 31607088; PMCID: PMC6790722.
- 276: Kim KS. Clinical Effectiveness of Posterior Cervical Decompression and Fusion in Terms of Reducing OPLL Growth Versus Cervical Motion Preservation. *Neurospine*. 2019 Sep;16(3):492-493. doi: 10.14245/ns.19edi.012. Epub 2019 Sep 30. PMID: 31607081; PMCID: PMC6790734.
- 277: Chang WS, Nakajima M, Ochi A, Widjaja E, Rutka JT, Yau I, Baba S, Otsubo H. Detection of epileptogenic focus using advanced dynamic statistical parametric mapping with magnetoencephalography in a patient with MRI-negative focal cortical dysplasia type IIB. *J Neurosurg Pediatr*. 2019 Oct 11:1-5. doi: 10.3171/2019.7.PEDS1948. Epub ahead of print. PMID: 31604322.
- 278: Jang MK, Park CG, Jang S, Kim EH. Prevalence and Impact of Postoperative Headaches in Nonfunctioning Pituitary Macroadenoma Patients: A Longitudinal Cohort Study. *World Neurosurg*. 2020 Jan;133:e633-e639. doi: 10.1016/j.wneu.2019.09.123. Epub 2019 Oct 8. PMID: 31604133.
- 279: Woo J, Lee EY, Lee M, Kim T, Cho YE. An in vivo cell-based assay for investigating the specific

interaction between the SARS-CoV N-protein and its viral RNA packaging sequence. *Biochem Biophys Res Commun.* 2019 Dec 10;520(3):499-506. doi: 10.1016/j.bbrc.2019.09.115. Epub 2019 Oct 5. PMID: 31594639; PMCID: PMC7092827.

280: Yoon SJ, Park J, Jang DS, Kim HJ, Lee JH, Jo E, Choi RJ, Shim JK, Moon JH, Kim EH, Chang JH, Lee JH, Kang SG. Glioblastoma Cellular Origin and the Firework Pattern of Cancer Genesis from the Subventricular Zone. *J Korean Neurosurg Soc.* 2020 Jan;63(1):26-33. doi: 10.3340/jkns.2019.0129. Epub 2019 Oct 8. PMID: 31592000; PMCID: PMC6952738.

281: Cho PG, Ji GY, Yoon YS, Shin DA. Clinical Effectiveness of Percutaneous Epidural Neuroplasty According to the Type of Single-Level Lumbar Disc Herniation : A 12-Month Follow-Up Study. *J Korean Neurosurg Soc.* 2019 Nov;62(6):681-690. doi: 10.3340/jkns.2019.0070. Epub 2019 Oct 8. PMID: 31591998; PMCID: PMC6835144.

282: Chueh JY, Kang DH, Kim BM, Gounis MJ. Role of Balloon Guide Catheter in Modern Endovascular Thrombectomy. *J Korean Neurosurg Soc.* 2020 Jan;63(1):14-25. doi: 10.3340/jkns.2019.0114. Epub 2019 Oct 8. PMID: 31591997; PMCID: PMC6952736.

283: Chung SY, Han JW, Kim DS, Yoon HI, Suh CO. Treatment outcomes based on radiation therapy fields for bifocal germinoma: Synchronous or disseminated disease? *PLoS One.* 2019 Oct 3;14(10):e0223481. doi: 10.1371/journal.pone.0223481. PMID: 31581215; PMCID: PMC6776334.

284: Kang MS, Kim KH, Park JY, Kuh SU, Chin DK, Kim KS, Jin BH, Cho YE. Progression of Cervical Ossification of Posterior Longitudinal Ligament After Laminoplasty or Laminectomy With Posterior Fixation. *Clin Spine Surg.* 2019 Nov;32(9):363-368. doi: 10.1097/BSD.0000000000000898. PMID: 31569177.

285: Kang DH, Kim BM, Heo JH, Nam HS, Kim YD, Hwang YH, Kim YW, Kim DJ, Kim JW, Baek JH, Kim YS. Effects of first pass recanalization on outcomes of contact aspiration thrombectomy. *J Neurointerv Surg.* 2020 May;12(5):466-470. doi: 10.1136/neurintsurg-2019-015221. Epub 2019 Sep 28. PMID: 31563889.

286: Kim DH, Ji GY, Kwon HJ, Na T, Shin JW, Shin DA, Choi SS. Contrast Dispersion on Epidurography May Be Associated with Clinical Outcomes After Percutaneous Epidural Neuroplasty Using an Inflatable Balloon Catheter. *Pain Med.* 2020 Apr 1;21(4):677-685. doi: 10.1093/pm/pnz225. PMID: 31529074.

287: Kang SS, Lee SC, Kim SK. Endoscopy-Assisted Diagnosis and Revision of a Malpositioned Screw. *World Neurosurg.* 2019 Dec;132:295-299. doi: 10.1016/j.wneu.2019.09.045. Epub 2019 Sep 14. PMID: 31526881.

288: Ha Y, Shin JJ. Comparison of clinical and radiological outcomes in cervical laminoplasty versus laminectomy with fusion in patients with ossification of the posterior longitudinal ligament. *Neurosurg Rev.* 2020 Oct;43(5):1409-1421. doi: 10.1007/s10143-019-01174-5. Epub 2019 Sep 11. PMID: 31512014.

289: Kim N, Chang JS, Wee CW, Kim IA, Chang JH, Lee HS, Kim SH, Kang SG, Kim EH, Yoon HI, Kim JW, Hong CK, Cho J, Kim E, Kim TM, Kim YJ, Park CK, Kim JW, Kim CY, Choi SH, Kim JH, Park SH, Choe G, Lee ST, Kim IH, Suh CO. Validation and optimization of a web-based nomogram for predicting survival of patients with newly diagnosed glioblastoma. *Strahlenther Onkol.* 2020 Jan;196(1):58-69. English. doi: 10.1007/s00066-019-01512-y. Epub 2019 Sep 5. PMID: 31489457.

290: Kim JK, Cho J, Kim SH, Kang HC, Kim DS, Kim VN, Lee JH. Brain somatic mutations in MTOR reveal

- translational dysregulations underlying intractable focal epilepsy. *J Clin Invest.* 2019 Oct 1;129(10):4207-4223. doi: 10.1172/JCI127032. PMID: 31483294; PMCID: PMC6763223.
- 291: Her S, Cha KS, Choi JW, Kim H, Byun JI, Sunwoo JS, Kim TJ, Lim JA, Jung KY, Kim KH. Impaired visuospatial attention revealed by theta- and beta-band cortical activities in idiopathic REM sleep behavior disorder patients. *Clin Neurophysiol.* 2019 Oct;130(10):1962-1970. doi: 10.1016/j.clinph.2019.07.030. Epub 2019 Aug 16. PMID: 31476702.
- 292: Park CK, Jung NY, Chang WS, Jung HH, Chang JW. Gamma Knife Radiosurgery for Postoperative Remnant Meningioma: Analysis of Recurrence Factors According to World Health Organization Grade. *World Neurosurg.* 2019 Dec;132:e399-e402. doi: 10.1016/j.wneu.2019.08.136. Epub 2019 Aug 30. PMID: 31476462.
- 293: Chung KS, Chang WS, Chang JH, Lee SC, Chang JW, Park YG, Jung HH. Gamma Knife Radiosurgery for Choroidal Hemangioma: A Single-Institute Series. *World Neurosurg.* 2020 Jan;133:e129-e134. doi: 10.1016/j.wneu.2019.08.138. Epub 2019 Aug 30. PMID: 31476453.
- 294: Seo JH, Yang S, Kang MS, Her NG, Nam DH, Choi JH, Kim MH. Automated stitching of microscope images of fluorescence in cells with minimal overlap. *Micron.* 2019 Nov;126:102718. doi: 10.1016/j.micron.2019.102718. Epub 2019 Aug 16. PMID: 31473399.
- 295: Park YW, Choi YS, Ahn SS, Chang JH, Kim SH, Lee SK. Radiomics MRI Phenotyping with Machine Learning to Predict the Grade of Lower-Grade Gliomas: A Study Focused on Nonenhancing Tumors. *Korean J Radiol.* 2019 Sep;20(9):1381-1389. doi: 10.3348/kjr.2018.0814. PMID: 31464116; PMCID: PMC6715562.
- 296: Ko J, Lee JJ, Jang SW, Yun Y, Kang S, Shin DA, Kim YS. An Epiduroscopy Simulator Based on a Serious Game for Spatial Cognitive Training (EpiduroSIM): User-Centered Design Approach. *JMIR Serious Games.* 2019 Aug 27;7(3):e12678. doi: 10.2196/12678. PMID: 31456580; PMCID: PMC6734856.
- 297: Ko SB, Park HK, Kim BM, Heo JH, Rha JH, Kwon SU, Kim JS, Lee BC, Suh SH, Jung C, Jeong HW, Kang DH, Bae HJ, Yoon BW, Hong KS. 2019 Update of the Korean Clinical Practice Guidelines of Stroke for Endovascular Recanalization Therapy in Patients with Acute Ischemic Stroke. *Neurointervention.* 2019 Sep;14(2):71-81. doi: 10.5469/neuroint.2019.00164. Epub 2019 Aug 23. PMID: 31437873; PMCID: PMC6736502.
- 298: Park JE, Seong YJ, Kim ES, Park D, Lee Y, Park H, Rha DW. Architectural Changes in the Medial Gastrocnemius on Sonography after Nerve Ablation in Healthy Adults. *Yonsei Med J.* 2019 Sep;60(9):876-881. doi: 10.3349/ymj.2019.60.9.876. PMID: 31433586; PMCID: PMC6704021.
- 299: Lee JE, Jeun SS, Kim SH, Yoo CY, Baek HM, Yang SH. Metabolic profiling of human gliomas assessed with NMR. *J Clin Neurosci.* 2019 Oct;68:275-280. doi: 10.1016/j.jocn.2019.07.078. Epub 2019 Aug 10. PMID: 31409545.
- 300: Choi JW, Kim KH. Covert Intention to Answer "Yes" or "No" Can Be Decoded from Single-Trial Electroencephalograms (EEGs). *Comput Intell Neurosci.* 2019 Jul 10;2019:4259369. doi: 10.1155/2019/4259369. PMID: 31379934; PMCID: PMC6652077.
- 301: Park HH, Sung KS, Moon JH, Kim EH, Kim SH, Lee KS, Hong CK, Chang JH. Lateral supraorbital versus pterional approach for parasagittal meningiomas: surgical indications and esthetic benefits. *Neurosurg Rev.* 2020 Feb;43(1):313-322. doi: 10.1007/s10143-019-01147-8. Epub 2019 Aug 3. PMID: 31377941.

- 302: Sim NS, Ko A, Kim WK, Kim SH, Kim JS, Shim KW, Aronica E, Mijnsbergen C, Spliet WGM, Koh HY, Kim HD, Lee JS, Kim DS, Kang HC, Lee JH. Precise detection of low-level somatic mutation in resected epilepsy brain tissue. *Acta Neuropathol.* 2019 Dec;138(6):901-912. doi: 10.1007/s00401-019-02052-6. Epub 2019 Aug 3. PMID: 31377847.
- 303: Kim D, Cho Y, Ku CR, Jung H, Moon JH, Kim EH, Shin DY, Kim SH, Lee EJ. Prevalence of Thyroid Disease in Patients Surgically Treated for Pituitary Disease. *J Clin Med.* 2019 Jul 31;8(8):1142. doi: 10.3390/jcm8081142. PMID: 31370339; PMCID: PMC6722506.
- 304: Lee S, Park WY, Chang H, Kim B, Jang WH, Kim S, Shin Y, Kim MJ, Lee KH, Kim EH, Chung E, Kim KH. Fast and sensitive delineation of brain tumor with clinically compatible moxifloxacin labeling and confocal microscopy. *J Biophotonics.* 2020 Jan;13(1):e201900197. doi: 10.1002/jbio.201900197. Epub 2019 Aug 18. PMID: 31368257.
- 305: Kim YG, Chang WS, Jung HH, Chang JW. The long-term effects of microvascular decompression on social phobia and health-related quality of life in patients with hemifacial spasm: a 3-year prospective study. *Acta Neurochir (Wien).* 2019 Oct;161(10):2035-2042. doi: 10.1007/s00701-019-04023-y. Epub 2019 Jul 31. PMID: 31368052.
- 306: An SB, Lee JJ, Kim TW, Lee N, Shin DA, Yi S, Kim KN, Yoon DH, Ha Y. Evaluating the differences between 1D, 2D, and 3D occupying ratios in reflecting the JOA score in cervical ossification of the posterior longitudinal ligament. *Quant Imaging Med Surg.* 2019 Jun;9(6):952-959. doi: 10.21037/qims.2019.05.26. PMID: 31367549; PMCID: PMC6629567.
- 307: Ospel JM, Kashani N, Wilson AT, Fischer U, Campbell BCV, Sylaja PN, Yoshimura S, Rabinstein AA, Turjman F, Mitchell P, Kim BM, Cherian MP, Heo JH, Baxter BW, Podlasek A, Foss M, Menon BK, Almekhlafi MA, Demchuk AM, Hill MD, Saposnik G, Goyal M. Endovascular treatment decision in acute stroke: does physician gender matter? Insights from UNMASK EVT, an international, multidisciplinary survey. *J Neurointerv Surg.* 2020 Mar;12(3):256-259. doi: 10.1136/neurintsurg-2019-015003. Epub 2019 Jul 30. PMID: 31363043.
- 308: Kim HD, Park S, Jeong S, Lee YJ, Lee H, Kim CG, Kim KH, Hong SM, Lee JY, Kim S, Kim HK, Min BS, Chang JH, Ju YS, Shin EC, Song GW, Hwang S, Park SH. 4-1BB Delineates Distinct Activation Status of Exhausted Tumor-Infiltrating CD8⁺ T Cells in Hepatocellular Carcinoma. *Hepatology.* 2020 Mar;71(3):955-971. doi: 10.1002/hep.30881. Epub 2019 Oct 18. PMID: 31353502; PMCID: PMC7154753.
- 309: Ryu DS, Shinn JK, Kim BW, Moon BJ, Ha Y, Lee JK, Kim KN, Chin DK, Yoon SH. Prospective Observational Cohort Study of Health-related Quality of Life: Marked Adult Sagittal Deformity (ASD) in Comparison With Mild to Moderate ASD. *Spine (Phila Pa 1976).* 2019 Dec 15;44(24):1723-1730. doi: 10.1097/BRS.0000000000003170. PMID: 31348181.
- 310: Park YS, Chung MS, Choi BS. MRI Assessment of Cerebral Small Vessel Disease in Patients with Spontaneous Intracerebral Hemorrhage. *Yonsei Med J.* 2019 Aug;60(8):774-781. doi: 10.3349/ymj.2019.60.8.774. PMID: 31347333; PMCID: PMC6660438.
- 311: Chang KW, Park YS, Chang JW. Skull Factors Affecting Outcomes of Magnetic Resonance-Guided Focused Ultrasound for Patients with Essential Tremor. *Yonsei Med J.* 2019 Aug;60(8):768-773. doi: 10.3349/ymj.2019.60.8.768. PMID: 31347332; PMCID: PMC6660436.
- 312: Park KY, Kim JW, Kim BM, Kim DJ, Chung J, Jang CK, Kim JH. Coil-Protected Technique for Liquid Embolization in Neurovascular Malformations. *Korean J Radiol.* 2019 Aug;20(8):1285-1292. doi:

10.3348/kjr.2019.0127. PMID: 31339016; PMCID: PMC6658879.

313: Kim S, Chung J, Cha J, Kim BM, Kim DJ, Kim YB, Lee JW, Huh SK, Park KY. Usefulness of high-resolution three-dimensional proton density-weighted turbo spin-echo MRI in distinguishing a junctional dilatation from an intracranial aneurysm of the posterior communicating artery: a pilot study. *J Neurointerv Surg*. 2020 Mar;12(3):315-319. doi: 10.1136/neurintsurg-2019-015149. Epub 2019 Jul 23. PMID: 31337732.

314: Song JE, Jeong H, Lim YS, Ha EJ, Jung IY, Jeong W, Choi H, Jeong SJ, Ku NS, Park ES, Yong D, Lee K, Kim JM, Choi JY. An Outbreak of KPC-Producing *Klebsiella pneumoniae* Linked with an Index Case of Community-Acquired KPC-Producing Isolate: Epidemiological Investigation and Whole Genome Sequencing Analysis. *Microb Drug Resist*. 2019 Dec;25(10):1475-1483. doi: 10.1089/mdr.2018.0475. Epub 2019 Jul 22. PMID: 31334673.

315: Park J, Shim JK, Yoon SJ, Kim SH, Chang JH, Kang SG. Transcriptome profiling-based identification of prognostic subtypes and multi-omics signatures of glioblastoma. *Sci Rep*. 2019 Jul 22;9(1):10555. doi: 10.1038/s41598-019-47066-y. PMID: 31332251; PMCID: PMC6646357.

316: Saposnik G, Menon BK, Kashani N, Wilson AT, Yoshimura S, Campbell BCV, Baxter B, Rabinstein A, Turjman F, Fischer U, Ospel JM, Mitchell PJ, Sylaja PN, Cherian M, Kim B, Heo JH, Podlasek A, Almekhlafi M, Foss MM, Demchuk AM, Hill MD, Goyal M. Factors Associated With the Decision-Making on Endovascular Thrombectomy for the Management of Acute Ischemic Stroke. *Stroke*. 2019 Sep;50(9):2441-2447. doi: 10.1161/STROKEAHA.119.025631. Epub 2019 Jul 22. PMID: 31327314.

317: Wui SH, Hyun SJ, Kang B, Kim KJ, Jahng TA, Kim HJ. Bicortical Screw Purchase at Upper Instrumented Vertebra (UIV) Can Cause UIV Fracture After Adult Spinal Deformity Surgery: A Finite Element Analysis Study. *Neurospine*. 2020 Jun;17(2):377-383. doi: 10.14245/ns.1938100.050. Epub 2019 Jul 11. PMID: 31319661; PMCID: PMC7338956.

318: Lee DS, Lim DH, Kim IH, Kim JY, Han JW, Yoo KH, Park KD, Park HJ, Chung NG, Suh CO, Kim DS. Upfront chemotherapy followed by response adaptive radiotherapy for intracranial germinoma: Prospective multicenter cohort study. *Radiother Oncol*. 2019 Sep;138:180-186. doi: 10.1016/j.radonc.2019.06.002. Epub 2019 Jul 15. PMID: 31319280.

319: Chae M, Hong S, Jung NY, Chang WS, Cho SR. Outcomes of Intrathecal Baclofen Therapy Compared With Deep Brain Stimulation in a Patient With Dystonic Cerebral Palsy: A Case Report. *Ann Rehabil Med*. 2019 Jun;43(3):335-340. doi: 10.5535/arm.2019.43.3.335. Epub 2019 Jun 28. PMID: 31311256; PMCID: PMC6637060.

320: Park MS, Ju YS, Moon SH, Kim TH, Oh JK, Sung PS, Kim CH, Chung CK, Chang HG. Reoperation rates after posterior lumbar spinal fusion surgery according to preoperative diagnoses: A national population-based cohort study. *Clin Neurol Neurosurg*. 2019 Sep;184:105408. doi: 10.1016/j.clineuro.2019.105408. Epub 2019 Jul 2. PMID: 31306891.

321: Kang MG, Kim KH, Park JY, Koo SW, Chin DK, Kim KS, Cho YE. Intramedullary Cavernous Hemangioma with Calcification of Spinal Cord. *World Neurosurg*. 2019 Oct;130:298-303. doi: 10.1016/j.wneu.2019.07.061. Epub 2019 Jul 12. PMID: 31306838.

322: Ospel JM, Kashani N, Goyal M, Menon BK, Campbell BCV, Fischer U, Turjman F, Mitchell P, Yoshimura S, Podlasek A, Rabinstein AA, Wilson AT, Kim BM, Baxter BW, Cherian MP, Heo JH, Foss M, Demchuk AM, Sylaja PN, Hill MD, Saposnik G, Almekhlafi MA. Time of day and endovascular treatment decision in acute stroke with relative endovascular treatment indication: insights from UNMASK EVT international survey. *J Neurointerv Surg*. 2020 Feb;12(2):122-126. doi:

10.1136/neurintsurg-2019-014976. Epub 2019 Jul 8. PMID: 31285376.

323: Lee JJB, Lee J, Yoon HI, Kim SH, Cho J, Lee KS, Chang JH, Suh CO. Analysis of patterns of failure and appraisal of postoperative radiation field for grade II-III meningioma. *J Neurooncol*. 2019 Sep;144(2):333-341. doi: 10.1007/s11060-019-03232-w. Epub 2019 Jul 5. PMID: 31278690.

324: Kim HY, Kim ST, Kim HJ, Jeon P, Byun HS, Kim YK, Cha J, Park GM, Nam DH, Kong DS. Differentiation of postoperative changes and residual tumors in dynamic contrast-enhanced sella MRI after transsphenoidal resection of pituitary adenoma. *Medicine (Baltimore)*. 2019 Jul;98(27):e16089. doi: 10.1097/MD.000000000016089. PMID: 31277105; PMCID: PMC6635295.

325: Pan Z, Xi Y, Huang W, Kim KN, Yi S, Shin DA, Huang K, Chen Y, Huang Z, He D, Ha Y. Independent Correlation of the C1-2 Cobb Angle With Patient-Reported Outcomes After Correcting Chronic Atlantoaxial Instability. *Neurospine*. 2019 Jun;16(2):267-276. doi: 10.14245/ns.1836268.134. Epub 2019 Jun 30. PMID: 31261466; PMCID: PMC6603837.

326: Li B, Hu C, Liu J, Liao X, Xun J, Xiao M, Yan J. Associations among Genetic Variants and Intracranial Aneurysm in a Chinese Population. *Yonsei Med J*. 2019 Jul;60(7):651-658. doi: 10.3349/ymj.2019.60.7.651. PMID: 31250579; PMCID: PMC6597466.

327: Choi UY, Kang JI, Park JY, Kuh SU, Chin DK, Kim KS, Cho YE, Kim KH. Residence could influence the surgical outcome after corrective surgery in adult spinal deformity: comparison study between urban and rural area in Korea. *Eur Spine J*. 2019 Sep;28(9):2216-2222. doi: 10.1007/s00586-019-06042-w. Epub 2019 Jun 24. PMID: 31240439.

328: Okada H, Matsuda Y, Malisch A, Chung J, Heiferman DM, Lopes DK. Evaluation of the Intracranial Flow Alteration during Manual Syringe and Continuous Pump Aspiration. *J Stroke Cerebrovasc Dis*. 2019 Sep;28(9):2574-2579. doi: 10.1016/j.jstrokecerebrovasdis.2019.05.015. Epub 2019 Jun 22. PMID: 31239220.

329: Park HH, Hong SD, Kim YH, Hong CK, Woo KI, Yun IS, Kong DS. Endoscopic transorbital and endonasal approach for trigeminal schwannomas: a retrospective multicenter analysis (KOSEN-005). *J Neurosurg*. 2020 Aug 1;133(2):467-476. doi: 10.3171/2019.3.JNS19492. Epub 2019 Jun 21. PMID: 31226689.

330: Yi S, Choi S, Kim SH. In Reply: Impact of H3.3 K27M Mutation on Prognosis and Survival of Grade IV Spinal Cord Glioma on the Basis of New 2016 WHO Health Organization Classification of the Central Nervous System. *Neurosurgery*. 2018 Oct 1;83(4):E195-E197. doi: 10.1093/neuros/nyy348. PMID: 31222270.

331: Cho SM, Park DH, Yoon SH, Koo YM, Chang YL. Trimming of Absorbable Plates and Screws through Smoothing by Multiple Sonic Activation Procedures Can Increase Local Tissue Reactions in Children with Cranial Fixations. *Pediatr Neurosurg*. 2019;54(4):228-232. doi: 10.1159/000500801. Epub 2019 Jun 19. PMID: 31216552.

332: Joo B, Han K, Ahn SS, Choi YS, Chang JH, Kang SG, Kim SH, Zhou J, Lee SK. Amide proton transfer imaging might predict survival and IDH mutation status in high-grade glioma. *Eur Radiol*. 2019 Dec;29(12):6643-6652. doi: 10.1007/s00330-019-06203-x. Epub 2019 Jun 7. PMID: 31175415; PMCID: PMC6859837.

333: Kim JH, Yoon DH, Kim KN, Shin DA, Yi S, Kang J, Ha Y. Surgical Management of Gorham-Stout Disease in Cervical Compression Fracture with Cervicothoracic Fusion: Case Report and Review of Literature. *World Neurosurg*. 2019 Sep;129:277-281. doi: 10.1016/j.wneu.2019.05.235. Epub 2019

May 31. PMID: 31158540.

334: Sin DA, Heo DH. Comparative Finite Element Analysis of Lumbar Cortical Screws and Pedicle Screws in Transforaminal and Posterior Lumbar Interbody Fusion. *Neurospine*. 2019 Jun;16(2):298-304. doi: 10.14245/ns.1836030.015. Epub 2019 Apr 12. PMID: 31154694; PMCID: PMC6603848.

335: Kang SS, Lee SC, Kim SK. A Novel Percutaneous Biportal Endoscopic Technique for Symptomatic Spinal Epidural Lipomatosis: Technical Note and Case Presentations. *World Neurosurg*. 2019 Sep;129:49-54. doi: 10.1016/j.wneu.2019.05.214. Epub 2019 May 30. PMID: 31154106.

336: Park M, Shin NY, Yoo J, Heo JH, Choi JH, Cho DY, Lee SK. Association between morphologic subtypes of vertebral artery dissection and vertebral artery hypoplastic appearance. *Eur J Radiol*. 2019 Jul;116:84-89. doi: 10.1016/j.ejrad.2019.04.021. Epub 2019 May 1. PMID: 31153579.

337: Kwon O, Shin DA, Chung J. Long-standing tentorial dural arteriovenous fistula presenting as progressively worsening cervical myelopathy by degenerative cervical intervertebral disc: a case report. *Acta Neurochir (Wien)*. 2019 Aug;161(8):1523-1527. doi: 10.1007/s00701-019-03960-y. Epub 2019 May 30. PMID: 31147829.

338: Pan Z, Huang K, Huang W, Kim KH, Wu H, Yu Y, Kim KN, Yi S, Shin DA, Vora D, Gragnaniello C, Phan K, Tasiou A, Winder MJ, Koga H, Azimi P, Kang SY, Ha Y; written on behalf of the AME Spine Surgery Collaborative Group. The risk factors associated with delirium after lumbar spine surgery in elderly patients. *Quant Imaging Med Surg*. 2019 Apr;9(4):700-710. doi: 10.21037/qims.2019.04.09. PMID: 31143661; PMCID: PMC6511710.

339: Jung NY, Rachmilevitch I, Sibiger O, Amar T, Zadicario E, Chang JW. Factors Related to Successful Energy Transmission of Focused Ultrasound through a Skull : A Study in Human Cadavers and Its Comparison with Clinical Experiences. *J Korean Neurosurg Soc*. 2019 Nov;62(6):712-722. doi: 10.3340/jkns.2018.0226. Epub 2019 May 30. PMID: 31142101; PMCID: PMC6835146.

340: Wilson D, Ambler G, Lee KJ, Lim JS, Shiozawa M, Koga M, Li L, Lovelock C, Chabriat H, Hennerici M, Wong YK, Mak HKF, Prats-Sánchez L, Martínez-Domeño A, Inamura S, Yoshifuji K, Arsava EM, Horstmann S, Purrucker J, Lam BYK, Wong A, Kim YD, Song TJ, Schrooten M, Lemmens R, Eppinger S, Gattringer T, Uysal E, Tanriverdi Z, Bornstein NM, Assayag EB, Hallevi H, Tanaka J, Hara H, Coutts SB, Hert L, Polymeris A, Seiffge DJ, Lyrer P, Algra A, Kappelle J, Al-Shahi Salman R, Jäger HR, Lip GYH, Mattle HP, Panos LD, Mas JL, Legrand L, Karayiannis C, Phan T, Gunkel S, Christ N, Abrigo J, Leung T, Chu W, Chappell F, Makin S, Hayden D, Williams DJ, Kooi ME, van Dam-Nolen DHK, Barbato C, Browning S, Wiegertjes K, Tuladhar AM, Maaijwee N, Guevarra C, Yatawara C, Mendyk AM, Delmaire C, Köhler S, van Oostenbrugge R, Zhou Y, Xu C, Hilal S, Gyanwali B, Chen C, Lou M, Staals J, Bordet R, Kandiah N, de Leeuw FE, Simister R, van der Lugt A, Kelly PJ, Wardlaw JM, Soo Y, Fluri F, Srikanth V, Calvet D, Jung S, Kwa VIH, Engelter ST, Peters N, Smith EE, Yakushiji Y, Orken DN, Fazekas F, Thijs V, Heo JH, Mok V, Veltkamp R, Ay H, Imaizumi T, Gomez-Anson B, Lau KK, Jouvent E, Rothwell PM, Toyoda K, Bae HJ, Marti-Fabregas J, Werring DJ; Microbleeds International Collaborative Network. Cerebral microbleeds and stroke risk after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. *Lancet Neurol*. 2019 Jul;18(7):653-665. doi: 10.1016/S1474-4422(19)30197-8. Epub 2019 May 23. Erratum in: *Lancet Neurol*. 2019 Sep;18(9):e8. Erratum in: *Lancet Neurol*. 2020 Feb;19(2):e2. PMID: 31130428; PMCID: PMC6562236.

341: Song TJ, Oh SH, Kim J. The impact of statin therapy after surgical or endovascular treatment of cerebral aneurysms. *J Neurosurg*. 2019 May 24:1-8. doi: 10.3171/2019.3.JNS183500. Epub ahead of print. PMID: 31125972.

- 342: Yeo D, Kim H, Her S, Choi JW, Cha KS, Kim KH. Spatiotemporal Analysis of Event-related Current Density Reveals Dissociable Effects of Arousal and Valence on Emotional Picture Processing. *J Korean Med Sci.* 2019 May 27;34(20):e146. doi: 10.3346/jkms.2019.34.e146. PMID: 31124325; PMCID: PMC6535406.
- 343: Chang KW, Noh SH, Park JY, Cho YE, Chin DK. Retrospective Study on Accuracy of Intraoperative Frozen Section Biopsy in Spinal Tumors. *World Neurosurg.* 2019 Sep;129:e152-e157. doi: 10.1016/j.wneu.2019.05.080. Epub 2019 May 17. PMID: 31108252.
- 344: Kim D, Chun JH, Kim SH, Moon JH, Kang SG, Chang JH, Yun M. Re-evaluation of the diagnostic performance of ¹¹C-methionine PET/CT according to the 2016 WHO classification of cerebral gliomas. *Eur J Nucl Med Mol Imaging.* 2019 Jul;46(8):1678-1684. doi: 10.1007/s00259-019-04337-0. Epub 2019 May 17. PMID: 31102001.
- 345: Roh HG, Kim EY, Kim IS, Lee HJ, Park JJ, Lee SB, Choi JW, Jeon YS, Park M, Kim SU, Kim HJ. A Novel Collateral Imaging Method Derived from Time-Resolved Dynamic Contrast-Enhanced MR Angiography in Acute Ischemic Stroke: A Pilot Study. *AJNR Am J Neuroradiol.* 2019 Jun;40(6):946-953. doi: 10.3174/ajnr.A6068. Epub 2019 May 16. PMID: 31097431; PMCID: PMC7028592.
- 346: Teo WY, Sekar K, Seshachalam P, Shen J, Chow WY, Lau CC, Yang H, Park J, Kang SG, Li X, Nam DH, Hui KM. Relevance of a TCGA-derived Glioblastoma Subtype Gene-Classifer among Patient Populations. *Sci Rep.* 2019 May 15;9(1):7442. doi: 10.1038/s41598-019-43173-y. PMID: 31092847; PMCID: PMC6520485.
- 347: Hwang JK, Kim DS. From Resection to Disconnection for Seizure Control in Pediatric Epilepsy Children. *J Korean Neurosurg Soc.* 2019 May;62(3):336-343. doi: 10.3340/jkns.2019.0031. Epub 2019 May 1. PMID: 31085960; PMCID: PMC6514314.
- 348: Choi J, Shin DA, Kim S. Finite element analysis of a ball-and-socket artificial disc design to suppress excessive loading on facet joints: A comparative study with ProDisc. *Int J Numer Method Biomed Eng.* 2019 Sep;35(9):e3214. doi: 10.1002/cnm.3214. Epub 2019 Jul 18. PMID: 31070301.
- 349: Kim YZ, Kim CY, Lim J, Sung KS, Lee J, Oh HJ, Kang SG, Kang SH, Kong DS, Kim SH, Kim SH, Kim SH, Kim YJ, Kim EH, Kim IA, Kim HS, Roh TH, Park JS, Park HJ, Song SW, Yang SH, Yoon WS, Yoon HI, Lee ST, Lee SW, Lee YS, Wee CW, Chang JH, Jung TY, Jung HL, Cho JH, Choi SH, Choi HS, Hong JB, Lim DH, Chung DS; KSNO Guideline Working Group. The Korean Society for Neuro-Oncology (KSNO) Guideline for Glioblastomas: Version 2018.01. *Brain Tumor Res Treat.* 2019 Apr;7(1):1-9. doi: 10.14791/btrt.2019.7.e25. PMID: 31062525; PMCID: PMC6504754.
- 350: Park JY, Ji GY, Lee SW, Park JK, Ha D, Park Y, Cho SS, Moon SH, Shin JW, Kim DJ, Shin DA, Choi SS. Relationship of Success Rate for Balloon Adhesiolysis with Clinical Outcomes in Chronic Intractable Lumbar Radicular Pain: A Multicenter Prospective Study. *J Clin Med.* 2019 May 3;8(5):606. doi: 10.3390/jcm8050606. PMID: 31058860; PMCID: PMC6572522.
- 351: Chun Y, Chen Y, Elsisy M, Sukinik J, Shridhar P, Park JK, Kim YB, Hong CK, Chung J. In vitro and in vivo experiments of a novel intra-arterial neurovascular decompressor for treating neurovascular compression syndromes: a brief report. *Neurol Res.* 2019 Jul;41(7):665-670. doi: 10.1080/01616412.2019.1611009. Epub 2019 May 2. PMID: 31044660.
- 352: Cho KC, Jeon P, Kim BM, Lim SM, Jung WS, Kim JJ, Suh SH. Saccular or dissecting aneurysms involving the basilar trunk: Endovascular treatment and clinical outcome. *Neurol Res.* 2019 Jul;41(7):671-677. doi: 10.1080/01616412.2019.1611185. Epub 2019 May 2. PMID: 31044652.

353: Baek JH, Kim BM, Kang DH, Heo JH, Nam HS, Kim YD, Hwang YH, Kim YW, Kim YS, Kim DJ, Kwak HS, Roh HG, Lee YJ, Kim SH, Baik SK, Jeon P, Yoo J, Suh SH, Kim B, Kim JW, Suh S, Jeon HJ. Balloon Guide Catheter Is Beneficial in Endovascular Treatment Regardless of Mechanical Recanalization Modality. *Stroke*. 2019 Jun;50(6):1490-1496. doi: 10.1161/STROKEAHA.118.024723. Epub 2019 May 2. PMID: 31043149.

354: Park B, Noh SH, Park JY. Reduction and monosegmental fusion for lumbar spondylolisthesis with a long tab percutaneous pedicle screw system: "swing" technique. *Neurosurg Focus*. 2019 May 1;46(5):E11. doi: 10.3171/2019.2.FOCUS18724. PMID: 31042652.

355: Kim SH, Kim N, Kim EH, Suh S, Choi SH. Propofol Requirement in Patients with Growth Hormone-Secreting Pituitary Tumors Undergoing Transsphenoidal Surgery. *J Clin Med*. 2019 Apr 26;8(5):571. doi: 10.3390/jcm8050571. PMID: 31035466; PMCID: PMC6572689.

356: Park JH, Lee KE, Yu YM, Park YH, Choi SA. Incidence and Risk Factors for Venous Thromboembolism After Spine Surgery in Korean Patients. *World Neurosurg*. 2019 Aug;128:e289-e307. doi: 10.1016/j.wneu.2019.04.140. Epub 2019 Apr 25. PMID: 31028984.

357: Noh SH, Zhang HY, Lee SH, Choi JK, Chin DK. Changes in Trends of Spondylitis in Korea Based on a Nationwide Database. *Yonsei Med J*. 2019 May;60(5):487-489. doi: 10.3349/ymj.2019.60.5.487. PMID: 31016913; PMCID: PMC6479126.

358: Oh SJ, Ahn EJ, Kim O, Kim D, Jung TY, Jung S, Lee JH, Kim KK, Kim H, Kim EH, Lee KH, Moon KS. The Role Played by SLUG, an Epithelial-Mesenchymal Transition Factor, in Invasion and Therapeutic Resistance of Malignant Glioma. *Cell Mol Neurobiol*. 2019 Aug;39(6):769-782. doi: 10.1007/s10571-019-00677-5. Epub 2019 Apr 22. PMID: 31011939.

359: Ko SB, Park HK, Kim BM, Heo JH, Rha JH, Kwon SU, Kim JS, Lee BC, Suh SH, Jung C, Jeong HW, Kang DH, Bae HJ, Yoon BW, Hong KS. 2019 Update of the Korean Clinical Practice Guidelines of Stroke for Endovascular Recanalization Therapy in Patients with Acute Ischemic Stroke. *J Stroke*. 2019 May;21(2):231-240. doi: 10.5853/jos.2019.00024. Epub 2019 Apr 17. PMID: 30991800; PMCID: PMC6549067.

360: Choi JH, Lee JE, Kim SH, Kim HL, Jeun SS, Yang SH. Functional survival of rat pituitary gland in hypothermic storage for pituitary transplantation. *Pituitary*. 2019 Aug;22(4):353-361. doi: 10.1007/s11102-019-00959-7. PMID: 30989445.

361: Park S, Cha YJ, Suh SH, Lee IJ, Lee KS, Hong CK, Kim JW. Risk group-adapted adjuvant radiotherapy for WHO grade I and II skull base meningioma. *J Cancer Res Clin Oncol*. 2019 May;145(5):1351-1360. doi: 10.1007/s00432-019-02891-6. Epub 2019 Apr 5. PMID: 30953136.

362: Jin Y, Lee JS, Kim J, Min S, Wi S, Yu JH, Chang GE, Cho AN, Choi Y, Ahn DH, Cho SR, Cheong E, Kim YG, Kim HP, Kim Y, Kim DS, Kim HW, Quan Z, Kang HC, Cho SW. Three-dimensional brain-like microenvironments facilitate the direct reprogramming of fibroblasts into therapeutic neurons. *Nat Biomed Eng*. 2018 Jul;2(7):522-539. doi: 10.1038/s41551-018-0260-8. Epub 2018 Jul 11. PMID: 30948831.

363: Kong C, Shin J, Koh CS, Lee J, Yoon MS, Cho YK, Kim S, Jun SB, Jung HH, Chang JW. Optimization of Medial Forebrain Bundle Stimulation Parameters for Operant Conditioning of Rats. *Stereotact Funct Neurosurg*. 2019;97(1):1-9. doi: 10.1159/000497151. Epub 2019 Apr 1. PMID: 30933953.

364: Yoon JS, Park JH, Levin J, Roh EY, Park HJ, Won SJ. Ultrasonographic measurement of the cross-sectional area of the axillary nerve. *Muscle Nerve*. 2019 Jul;60(1):95-99. doi: 10.1002/mus.26480.

Epub 2019 Apr 12. PMID: 30927449.

365: Byun HK, Kim N, Yoon HI, Kang SG, Kim SH, Cho J, Baek JG, Chang JH, Suh CO. Clinical predictors of radiation-induced lymphopenia in patients receiving chemoradiation for glioblastoma: clinical usefulness of intensity-modulated radiotherapy in the immuno-oncology era. *Radiat Oncol*. 2019 Mar 27;14(1):51. doi: 10.1186/s13014-019-1256-6. PMID: 30917849; PMCID: PMC6436232.

366: Kim DK, Lee JY, Jung JH, Hah YS, Koo KC, Lee KS, Chung BH, Cho KS. What is the most effective local anesthesia for transrectal ultrasonography-guided biopsy of the prostate? A systematic review and [network meta-analysis](#) of 47 randomized clinical trials. *Sci Rep*. 2019 Mar 20;9(1):4901. doi: 10.1038/s41598-019-41412-w. PMID: 30894638; PMCID: PMC6426994.

367: Park MS, Ju YS, Moon SH, Kim TH, Oh JK, Lim JK, Kim CH, Chung CK, Chang HG. Repeat decompression and fusions following posterolateral fusion versus posterior/transforaminal lumbar interbody fusion for lumbar spondylosis: a national database study. *Sci Rep*. 2019 Mar 20;9(1):4926. doi: 10.1038/s41598-019-41366-z. PMID: 30894618; PMCID: PMC6426932.

368: Jeong H, Park J, Shim JK, Lee JE, Kim NH, Kim HS, Chang JH, Yook JI, Kang SG. Combined treatment with 2'-hydroxycinnamaldehyde and temozolomide suppresses glioblastoma tumorspheres by decreasing stemness and invasiveness. *J Neurooncol*. 2019 May;143(1):69-77. doi: 10.1007/s11060-019-03151-w. Epub 2019 Mar 18. PMID: 30887242.

369: Cho SM, Park MS, Yoon SH, Kim MR, Hu C, Chang YL. Correlation of Neonatal Birth-Associated Greenstick Skull Fractures with Perinatal Factors and Long-Term Outcome: Children with a Greater Number of Greenstick Skull Fractures Showed Poor Results in Terms of Long-Term Neurodevelopment. *World Neurosurg*. 2019 Jun;126:e1197-e1205. doi: 10.1016/j.wneu.2019.03.065. Epub 2019 Mar 16. PMID: 30885873.

370: Park SE, Park EK, Shim KW, Kim DS. Modified Cranioplasty Technique Using 3-Dimensional Printed Implants in Preventing Temporalis Muscle Hollowing. *World Neurosurg*. 2019 Jun;126:e1160-e1168. doi: 10.1016/j.wneu.2019.02.221. Epub 2019 Mar 14. PMID: 30880206.

371: Lee CH, Hong JT, Kang DH, Kim KJ, Kim SW, Kim SW, Kim YJ, Chung CK, Shin JJ, Oh JK, Yi S, Lee JK, Lee JH, Lee HJ, Chun HJ, Cho DC, Jin YJ, Choi KC, Han IH, Hyun SJ, Hur JW, Song GS. Epidemiology of Iatrogenic Vertebral Artery Injury in Cervical Spine Surgery: 21 Multicenter Studies. *World Neurosurg*. 2019 Jun;126:e1050-e1054. doi: 10.1016/j.wneu.2019.03.042. Epub 2019 Mar 13. PMID: 30878743.

372: Lee CK, Choi SK, Shin DA, Yi S, Ha Y, Kim KN, Kim I. Influence of diabetes mellitus on patients with lumbar spinal stenosis: A nationwide population-based study. *PLoS One*. 2019 Mar 15;14(3):e0213858. doi: 10.1371/journal.pone.0213858. PMID: 30875413; PMCID: PMC6420006.

373: Shin H, Kim JG, Kim W, Lim TH, Jang BH, Cho Y, Choi KS, Ahn C, Lee J, Na MK. Procalcitonin as a prognostic marker for outcomes in post-cardiac arrest patients: A systematic review and meta-analysis. *Resuscitation*. 2019 May;138:160-167. doi: 10.1016/j.resuscitation.2019.02.041. Epub 2019 Mar 11. PMID: 30872069.

374: Kim LH, Kim JH, Namgoong S, Cheong HS, Yoon SJ, Kim EH, Kim SH, Kim SH, Chang JH, Shin HD. A PHLDB1 variant associated with the nonfunctional pituitary adenoma. *J Neurooncol*. 2019 Apr;142(2):223-229. doi: 10.1007/s11060-018-03082-y. Epub 2019 Mar 13. PMID: 30868356.

375: Kim B, Kim BM, Bang OY, Baek JH, Heo JH, Nam HS, Kim YD, Yoo J, Kim DJ, Jeon P, Baik SK, Suh SH, Lee KY, Kwak HS, Roh HG, Lee YJ, Kim SH, Ryu CW, Ihn YK, Jeon HJ, Kim JW, Byun JS, Suh S, Park JJ, Lee WJ, Roh J, Shin BS. Carotid Artery Stenting and Intracranial Thrombectomy for Tandem Cervical

and Intracranial Artery Occlusions. *Neurosurgery*. 2020 Feb 1;86(2):213-220. doi: 10.1093/neuros/nyz026. PMID: 30848283.

376: Kang DH, Kim JW, Kim BM, Heo JH, Nam HS, Kim YD, Hwang YH, Kim YW, Baek JH, Yoo J, Kim DJ, Jeon P, Bang OY, Baik SK, Suh SH, Lee KY, Kwak HS, Roh HG, Lee YJ, Kim SH, Ryu CW, Ihn YK, Kim B, Jeon HJ, Byun JS, Suh S, Park JJ, Roh J. Need for rescue treatment and its implication: stent retriever versus contact aspiration thrombectomy. *J Neurointerv Surg*. 2019 Oct;11(10):979-983. doi: 10.1136/neurintsurg-2018-014696. Epub 2019 Mar 6. PMID: 30842306.

377: Roh TH, Kang SG, Moon JH, Sung KS, Park HH, Kim SH, Kim EH, Hong CK, Suh CO, Chang JH. Survival benefit of lobectomy over gross-total resection without lobectomy in cases of glioblastoma in the noneloquent area: a retrospective study. *J Neurosurg*. 2019 Mar 1;132(3):895-901. doi: 10.3171/2018.12.JNS182558. PMID: 30835701.

378: Jung K, Kim I, Park SK, Cho H, Park CY, Yun JH, Kim OH, Park JO, Lee KJ, Hong KJ, Yoon HD, Park JM, Kim S, Sung HK, Choi J, Kim Y. Preventable Trauma Death Rate after Establishing a National Trauma System in Korea. *J Korean Med Sci*. 2019 Feb 22;34(8):e65. doi: 10.3346/jkms.2019.34.e65. PMID: 30833882; PMCID: PMC6393760.

379: Kim JH, Jung NY, Chang WS, Jung HH, Cho SR, Chang JW. Intrathecal Baclofen Pump Versus Globus Pallidus Interna Deep Brain Stimulation in Adult Patients with Severe Cerebral Palsy. *World Neurosurg*. 2019 Jun;126:e550-e556. doi: 10.1016/j.wneu.2019.02.092. Epub 2019 Mar 1. PMID: 30831291.

380: Kim MJ, Chung J, Shin YS, Lim YC. Forward deployed coil embolization with multiple overlapping stents for ruptured blood blister-like aneurysms: technical considerations and outcomes. *Neurol Res*. 2019 Jun;41(6):562-568. doi: 10.1080/01616412.2019.1584424. Epub 2019 Mar 1. PMID: 30821662.

381: Jeon HY, Ham SW, Kim JK, Jin X, Lee SY, Shin YJ, Choi CY, Sa JK, Kim SH, Chun T, Jin X, Nam DH, Kim H. Ly6G⁺ inflammatory cells enable the conversion of cancer cells to cancer stem cells in an irradiated glioblastoma model. *Cell Death Differ*. 2019 Oct;26(10):2139-2156. doi: 10.1038/s41418-019-0282-0. Epub 2019 Feb 25. PMID: 30804471; PMCID: PMC6748155.

382: Kim BM, Park KY, Lee JW, Chung J, Kim DJ, Kim DI. A Newly-Developed Flow Diverter (FloWise) for Internal Carotid Artery Aneurysm: Results of a Pilot Clinical Study. *Korean J Radiol*. 2019 Mar;20(3):505-512. doi: 10.3348/kjr.2018.0421. PMID: 30799582; PMCID: PMC6389806.

383: Chung KS, Shin DA, Kim KN, Ha Y, Yoon DH, Yi S. Vertebral Reconstruction with Customized 3-Dimensional-Printed Spine Implant Replacing Large Vertebral Defect with 3-Year Follow-up. *World Neurosurg*. 2019 Jun;126:90-95. doi: 10.1016/j.wneu.2019.02.020. Epub 2019 Feb 22. PMID: 30797911.

384: Lee JJ, An SB, Kim TW, Shin DA, Yi S, Kim KN, Yoon DH, Shin HC, Ha Y. Analysis of Risk Factors Associated with Hospital Readmission Within 360 Days After Degenerative Lumbar Spine Surgery in Elderly Patients. *World Neurosurg*. 2019 Jun;126:e196-e207. doi: 10.1016/j.wneu.2019.01.293. Epub 2019 Feb 21. PMID: 30797909.

385: Lin GX, Huang P, Kotheeranurak V, Park CW, Heo DH, Park CK, Park JY, Kim JS. A Systematic Review of Unilateral Biportal Endoscopic Spinal Surgery: Preliminary Clinical Results and Complications. *World Neurosurg*. 2019 May;125:425-432. doi: 10.1016/j.wneu.2019.02.038. Epub 2019 Feb 22. PMID: 30797907.

386: Kang S, Kim EH, Hwang JE, Shin JH, Jeong YS, Yim SY, Joo EW, Eun YG, Lee DJ, Sohn BH, Lee SH,

- Lim B, Lee JS. Prognostic significance of high metabolic activity in breast cancer: PET signature in breast cancer. *Biochem Biophys Res Commun*. 2019 Mar 26;511(1):185-191. doi: 10.1016/j.bbrc.2019.02.035. Epub 2019 Feb 15. PMID: 30777332.
- 387: Kim N, Kim HJ, Won JY, Kim DY, Han KH, Jung I, Seong J. Retrospective analysis of stereotactic body radiation therapy efficacy over radiofrequency ablation for hepatocellular carcinoma. *Radiother Oncol*. 2019 Feb;131:81-87. doi: 10.1016/j.radonc.2018.12.013. Epub 2018 Dec 31. PMID: 30773192.
- 388: Rim CH, Kim HJ, Seong J. Clinical feasibility and efficacy of stereotactic body radiotherapy for hepatocellular carcinoma: A systematic review and meta-analysis of observational studies. *Radiother Oncol*. 2019 Feb;131:135-144. doi: 10.1016/j.radonc.2018.12.005. Epub 2018 Dec 31. PMID: 30773180.
- 389: Park YS, Jung NY, Na YC, Chang JW. Four-year follow-up results of magnetic resonance-guided focused ultrasound thalamotomy for essential tremor. *Mov Disord*. 2019 May;34(5):727-734. doi: 10.1002/mds.27637. Epub 2019 Feb 13. PMID: 30759322.
- 390: Moon BJ, Yi S, Ha Y, Kim KN, Yoon DH, Shin DA. Clinical Efficacy and Safety of Trans-Sacral Epiduroscopic Laser Decompression Compared to Percutaneous Epidural Neuroplasty. *Pain Res Manag*. 2019 Jan 14;2019:2893460. doi: 10.1155/2019/2893460. PMID: 30755783; PMCID: PMC6348914.
- 391: Choi JW, Cha KS, Kim KH. Covert Intention to Answer to Self-Referential Questions Is Represented in Alpha-Band Local and Interregional Neural Synchronies. *Comput Intell Neurosci*. 2019 Jan 6;2019:7084186. doi: 10.1155/2019/7084186. PMID: 30723496; PMCID: PMC6339759.
- 392: Na K, Kim HS, Shim HS, Chang JH, Kang SG, Kim SH. Targeted next-generation sequencing panel (TruSight Tumor 170) in diffuse glioma: a single institutional experience of 135 cases. *J Neurooncol*. 2019 May;142(3):445-454. doi: 10.1007/s11060-019-03114-1. Epub 2019 Feb 1. PMID: 30710203.
- 393: Lee Y, Kong C, Chang JW, Jun SB. Carbon-Fiber Based Microelectrode Array Embedded with a Biodegradable Silk Support for In Vivo Neural Recording. *J Korean Med Sci*. 2019 Jan 9;34(4):e24. doi: 10.3346/jkms.2019.34.e24. PMID: 30686948; PMCID: PMC6345632.
- 394: Lozano AM, Lipsman N, Bergman H, Brown P, Chabardes S, Chang JW, Matthews K, McIntyre CC, Schlaepfer TE, Schulder M, Temel Y, Volkmann J, Krauss JK. Deep brain stimulation: current challenges and future directions. *Nat Rev Neurol*. 2019 Mar;15(3):148-160. doi: 10.1038/s41582-018-0128-2. PMID: 30683913; PMCID: PMC6397644.
- 395: Jung JS, Choi YS, Ahn SS, Yi S, Kim SH, Lee SK. Differentiation between spinal cord diffuse midline glioma with histone H3 K27M mutation and wild type: comparative magnetic resonance imaging. *Neuroradiology*. 2019 Mar;61(3):313-322. doi: 10.1007/s00234-019-02154-8. Epub 2019 Jan 20. PMID: 30662997.
- 396: Park J, Kwon M, Kim KH, Kim TS, Hong SH, Kim CG, Kang SG, Moon JH, Kim EH, Park SH, Chang JH, Shin EC. Immune Checkpoint Inhibitor-induced Reinvigoration of Tumor-infiltrating CD8⁺ T Cells is Determined by Their Differentiation Status in Glioblastoma. *Clin Cancer Res*. 2019 Apr 15;25(8):2549-2559. doi: 10.1158/1078-0432.CCR-18-2564. Epub 2019 Jan 18. PMID: 30659023.
- 397: Kim EH, Moon JH, Kim SH. Clipping Technique for the Repair of the Intraoperative Cerebrospinal Fluid Leakage during Transsphenoidal Pituitary Tumor Surgery. *Oper Neurosurg (Hagerstown)*. 2019 Oct 1;17(4):382-388. doi: 10.1093/ons/opy408. PMID: 30649447.

- 398: Chung HJ, Moon IS, Cho HJ, Kim CH, Sharhan SSA, Chang JH, Yoon JH. Analysis of Surgical Approaches to Skull Base Tumors Involving the Pterygopalatine and Infratemporal Fossa. *J Craniofac Surg.* 2019 Mar/Apr;30(2):589-595. doi: 10.1097/SCS.00000000000005108. PMID: 30640855.
- 399: Lim YC, Shim YS, Oh SY, Kim MJ, Park KY, Chung J. External Ventricular Drainage before Endovascular Treatment in Patients with Aneurysmal Subarachnoid Hemorrhage in Acute Period: Its Relation to Hemorrhagic Complications. *Neurointervention.* 2019 Mar;14(1):35-42. doi: 10.5469/neuroint.2018.01067. Epub 2019 Jan 14. PMID: 30636388; PMCID: PMC6433188.
- 400: Kim J, Yoon SJ, Moon JH, Ku CR, Kim SH, Lee EJ, Kim SH, Kim EH. Clinical Significance of Radical Surgery in the Treatment of Silent Corticotroph Adenoma. *J Korean Neurosurg Soc.* 2019 Jan;62(1):114-122. doi: 10.3340/jkns.2018.0027. Epub 2018 Dec 31. PMID: 30630298; PMCID: PMC6328791.
- 401: Boers AMM, Jansen IGH, Brown S, Lingsma HF, Beenen LFM, Devlin TG, Román LS, Heo JH, Ribó M, Almekhlafi MA, Liebeskind DS, Teitelbaum J, Cuadras P, du Mesnil de Rochemont R, Beaumont M, Brown MM, Yoo AJ, Donnan GA, Mas JL, Oppenheim C, Dowling RJ, Moulin T, Agrinier N, Lopes DK, Aja Rodríguez L, Compagne KCJ, Al-Ajlan FS, Madigan J, Albers GW, Soize S, Blasco J, Davis SM, Nogueira RG, Dávalos A, Menon BK, van der Lugt A, Muir KW, Roos YBWEM, White P, Mitchell PJ, Demchuk AM, van Zwam WH, Jovin TG, van Oostenbrugge RJ, Dippel DWJ, Campbell BCV, Guillemin F, Bracard S, Hill MD, Goyal M, Marquering HA, Majoie CBLM. Mediation of the Relationship Between Endovascular Therapy and Functional Outcome by Follow-up Infarct Volume in Patients With Acute Ischemic Stroke. *JAMA Neurol.* 2019 Feb 1;76(2):194-202. doi: 10.1001/jamaneurol.2018.3661. PMID: 30615038; PMCID: PMC6439953.
- 402: Moon BJ, Kim D, Shin DA, Yi S, Kim KN, Yoon DH, Ha Y. Patterns of short- term and long-term surgical outcomes and prognostic factors for cervical ossification of the posterior longitudinal ligament between anterior cervical corpectomy and fusion and posterior laminoplasty. *Neurosurg Rev.* 2019 Dec;42(4):907-913. doi: 10.1007/s10143-018-01069-x. Epub 2019 Jan 4. PMID: 30610499.
- 403: Lee M, Han K, Ahn SS, Bae S, Choi YS, Hong JB, Chang JH, Kim SH, Lee SK. The added prognostic value of radiological phenotype combined with clinical features and molecular subtype in anaplastic gliomas. *J Neurooncol.* 2019 Mar;142(1):129-138. doi: 10.1007/s11060-018-03072-0. Epub 2019 Jan 2. PMID: 30604396.
- 404: Ha Y. Hack Your Neurospine ! *Neurospine.* 2018 Dec;15(4):283-284. doi: 10.14245/ns.18edi.004. Epub 2018 Dec 17. PMID: 30599488; PMCID: PMC6347346.
- 405: Cho PG, Ji GY, Ha Y, Lee HY, Shin DA. Effect of the type of electrical stimulation on spinal fusion in a rat posterolateral spinal fusion model. *Spine J.* 2019 Jun;19(6):1106-1120. doi: 10.1016/j.spinee.2018.12.011. Epub 2018 Dec 22. PMID: 30584910.
- 406: Sim NS, Seo Y, Lim JS, Kim WK, Son H, Kim HD, Kim S, An HJ, Kang HC, Kim SH, Kim DS, Lee JH. Brain somatic mutations in *SLC35A2* cause intractable epilepsy with aberrant N-glycosylation. *Neurol Genet.* 2018 Dec 5;4(6):e294. doi: 10.1212/NXG.0000000000000294. PMID: 30584598; PMCID: PMC6283456.
- 407: Cho SM, Park DH, Yoon SH. Continuous Intracranial Pressure Monitoring in 24 Microcephalic Children with Developmental Delay: A Significant Portion of Microcephalic Children with Developmental Delay Have High Intracranial Pressure. *World Neurosurg.* 2019 Mar;123:e760-e765. doi: 10.1016/j.wneu.2018.12.027. Epub 2018 Dec 19. PMID: 30579032.
- 408: Park CK, Hwang SJ, Jung NY, Chang WS, Jung HH, Chang JW. Magnetoencephalography as a

- Prognostic Tool in Patients with Medically Intractable Temporal Lobe Epilepsy. *World Neurosurg.* 2019 Mar;123:e753-e759. doi: 10.1016/j.wneu.2018.12.024. Epub 2018 Dec 19. PMID: 30579026.
- 409: Cho HS, Lee YS, Lee SG, Kim JM, Kim TH. Reasons for Surgery Cancellation in a General Hospital: A 10-year Study. *Int J Environ Res Public Health.* 2018 Dec 20;16(1):7. doi: 10.3390/ijerph16010007. PMID: 30577514; PMCID: PMC6338898.
- 410: Park J, Kim CG, Shim JK, Kim JH, Lee H, Lee JE, Kim MH, Haam K, Jung I, Park SH, Chang JH, Shin EC, Kang SG. Effect of combined anti-PD-1 and temozolomide therapy in glioblastoma. *Oncoimmunology.* 2018 Oct 16;8(1):e1525243. doi: 10.1080/2162402X.2018.1525243. PMID: 30546966; PMCID: PMC6287793.
- 411: Jeon C, Hong CK, Woo KI, Hong SD, Nam DH, Lee JI, Choi JW, Seol HJ, Kong DS. Endoscopic transorbital surgery for Meckel's cave and middle cranial fossa tumors: surgical technique and early results. *J Neurosurg.* 2018 Nov 1:1-10. doi: 10.3171/2018.6.JNS181099. Epub ahead of print. PMID: 30544350.
- 412: Oh JW, Sung KS, Moon JH, Kim EH, Chang WS, Jung HH, Chang JW, Park YG, Kim SH, Chang JH. Hypopituitarism after Gamma Knife surgery for postoperative nonfunctioning pituitary adenoma. *J Neurosurg.* 2018 Dec 1;129(Suppl1):47-54. doi: 10.3171/2018.7.GKS181589. PMID: 30544293.
- 413: Park SJ, Yoon KB, Shin DA, Kim K, Kim TL, Kim SH. Influence of needle- insertion depth on epidural spread and clinical outcomes in caudal epidural injections: a randomized clinical trial. *J Pain Res.* 2018 Nov 21;11:2961-2967. doi: 10.2147/JPR.S182227. PMID: 30538535; PMCID: PMC6255053.
- 414: Kim N, Lee CG, Kim EH, Kim CH, Keum KC, Lee KS, Chang JH, Suh CO. Patterns of failures after surgical resection in olfactory neuroblastoma. *J Neurooncol.* 2019 Jan;141(2):459-466. doi: 10.1007/s11060-018-03056-0. Epub 2018 Nov 30. PMID: 30506150.
- 415: Zhang Y, Pan Z, Yu Y, Zhang D, Ha Y, Yi S, Shin DA, Sun J, Koga H, Phan K, Azimi P, Huang W, Cao K; written on behalf of AME Spine Surgery Collaborative Group. The modified transforaminal endoscopic technique in treating intracanalicular combining foraminal and/or extraforaminal lumbar disc herniations. *Quant Imaging Med Surg.* 2018 Oct;8(9):936-945. doi: 10.21037/qims.2018.10.02. PMID: 30505722; PMCID: PMC6218206.
- 416: Kim JW, Kim DY, Han KH, Seong J. Phase I/II trial of helical IMRT-based stereotactic body radiotherapy for hepatocellular carcinoma. *Dig Liver Dis.* 2019 Mar;51(3):445-451. doi: 10.1016/j.dld.2018.11.004. Epub 2018 Nov 17. PMID: 30503296.
- 417: Ji GY, Lee J, Lee SW, Cho BY, Ha DW, Park YM, Shin DA. Safety and Effectiveness of Transforaminal Epiduroscopic Laser Ablation in Single Level Disc Disease: A Case-Control Study. *Pain Physician.* 2018 Nov;21(6):E643-E650. PMID: 30508995.
- 418: Kang DH, Kim BM, Heo JH, Nam HS, Kim YD, Hwang YH, Kim YW, Kim YS, Kim DJ, Kwak HS, Roh HG, Lee YJ, Kim SH. Effect of balloon guide catheter utilization on contact aspiration thrombectomy. *J Neurosurg.* 2018 Nov 1:1-7. doi: 10.3171/2018.6.JNS181045. Epub ahead of print. PMID: 30497154.
- 419: Lee H, Kim UC, Oh JK, Kim T, Park S, Ha Y. Cost-Effectiveness Analysis of Cervical Anterior Fusion and Cervical Artificial Disc Replacement in the Korean Medical System. *J Korean Neurosurg Soc.* 2019 Jan;62(1):83-89. doi: 10.3340/jkns.2018.0076. Epub 2018 Nov 30. PMID: 30486623; PMCID: PMC6328803.
- 420: Ko A, Kim SH, Kim SH, Park EK, Shim KW, Kang HC, Kim DS, Kim HD, Lee JS. Epilepsy Surgery for

Children With Low-Grade Epilepsy-Associated Tumors: Factors Associated With Seizure Recurrence and Cognitive Function. *Pediatr Neurol.* 2019 Feb;91:50-56. doi: 10.1016/j.pediatrneurol.2018.10.008. Epub 2018 Oct 24. PMID: 30477743.

421: Lim JS, Lee MK, Choi E, Hong N, Il Jee S, Kim SH, Lee EJ. Hormonal aggressiveness according to the expression of cellular markers in corticotroph adenomas. *Endocrine.* 2019 Apr;64(1):147-156. doi: 10.1007/s12020-018-1815-x. Epub 2018 Nov 24. PMID: 30474823.

422: Kang MS, Kim KH, Park JY, Kuh SU, Chin DK, Jin BH, Cho YE, Kim KS. Comparison of Endovascular Embolization and Surgery in the Treatment of Spinal Intradural Dorsal Arteriovenous Fistulas. *World Neurosurg.* 2019 Feb;122:e1519-e1527. doi: 10.1016/j.wneu.2018.11.093. Epub 2018 Nov 22. PMID: 30468927.

423: Namgoong S, Cheong HS, Kim JH, Kim LH, Seo JY, Kang SG, Yoon SJ, Kim SH, Chang JH, Shin HD. Association analysis of RTEL1 variants with risk of adult gliomas in a Korean population. *PLoS One.* 2018 Nov 21;13(11):e0207660. doi: 10.1371/journal.pone.0207660. PMID: 30462709; PMCID: PMC6248978.

424: Zhong J, Pan Z, Chen Y, Yao H, Cheng Z, Liu Q, Zeng Z, Li Z, Duan P, Chen J, Li H, Huang S, Han Z, Kim KN, Ha Y, Cao K. Postoperative Cervical Sagittal Realignment Improves Patient-Reported Outcomes in Chronic Atlantoaxial Anterior Dislocation. *Oper Neurosurg (Hagerstown).* 2018 Dec 1;15(6):643-650. doi: 10.1093/ons/opy035. PMID: 30445658.

425: Park YW, Oh J, You SC, Han K, Ahn SS, Choi YS, Chang JH, Kim SH, Lee SK. Radiomics and machine learning may accurately predict the grade and histological subtype in meningiomas using conventional and diffusion tensor imaging. *Eur Radiol.* 2019 Aug;29(8):4068-4076. doi: 10.1007/s00330-018-5830-3. Epub 2018 Nov 15. PMID: 30443758.

426: Kim SM, Lee MS, Jeon J, Lee DH, Yang K, Cho SW, Han I, Yang HS. Biodegradable Nerve Guidance Conduit with Microporous and Micropatterned Poly(lactic-co-glycolic acid)-Accelerated Sciatic Nerve Regeneration. *Macromol Biosci.* 2018 Dec;18(12):e1800290. doi: 10.1002/mabi.201800290. Epub 2018 Nov 8. PMID: 30407714.

427: Kim BO, Kim JY, Whang K, Cho SM, Oh JW, Koo YM, Hu C, Pyen JS, Choi JW. The Risk Factors of Subdural Hygroma after Decompressive Craniectomy. *Korean J Neurotrauma.* 2018 Oct;14(2):93-98. doi: 10.13004/kjnt.2018.14.2.93. Epub 2018 Oct 31. PMID: 30402425; PMCID: PMC6218352.

428: Kim KM, Cho SM, Yoon SH, Lim YC, Park MS, Kim MR. Neurodevelopmental Prognostic Factors in 73 Neonates with the Birth Head Injury. *Korean J Neurotrauma.* 2018 Oct;14(2):80-85. doi: 10.13004/kjnt.2018.14.2.80. Epub 2018 Oct 31. PMID: 30402423; PMCID: PMC6218339.

429: Hwang YH, Kwon YS, Lee YH. STA-Distal ACA Bypass Using a Contralateral STA Interposition Graft for Symptomatic ACA Stenosis. *J Cerebrovasc Endovasc Neurosurg.* 2018 Sep;20(3):191-197. doi: 10.7461/jcen.2018.20.3.191. Epub 2018 Sep 30. PMID: 30397592; PMCID: PMC6199401.

430: Kim H, Choi SH, Ha SH, Chang WS, Heo GA, Jeong J, Min KT. Haemodynamic changes and incisional bleeding after scalp infiltration of dexmedetomidine with lidocaine in neurosurgical patients. *Anaesth Crit Care Pain Med.* 2019 Jun;38(3):237-242. doi: 10.1016/j.accpm.2018.10.016. Epub 2018 Oct 27. PMID: 30394347.

431: Cho YS, Ryu HJ, Kim SH, Kang SG. Pheochromocytoma with Brain Metastasis: A Extremely Rare Case in Worldwide. *Brain Tumor Res Treat.* 2018 Oct;6(2):101-104. doi: 10.14791/btrt.2018.6.e18. PMID: 30381926; PMCID: PMC6212688.

432: Yu R, Park HJ, Cho H, Ko A, Pae C, Oh MK, Kang HC, Kim HD, Park EK, Shim KW, Kim DS, Lee JS. Interregional metabolic connectivity of 2-deoxy-2-[¹⁸F]fluoro-D-glucose positron emission tomography in vagus nerve stimulation for pediatric patients with epilepsy: A retrospective cross-sectional study. *Epilepsia*. 2018 Dec;59(12):2249-2259. doi: 10.1111/epi.14590. Epub 2018 Oct 28. PMID: 30370541.

433: Jung NY, Chang JW. Magnetic Resonance-Guided Focused Ultrasound in Neurosurgery: Taking Lessons from the Past to Inform the Future. *J Korean Med Sci*. 2018 Oct 4;33(44):e279. doi: 10.3346/jkms.2018.33.e279. PMID: 30369860; PMCID: PMC6200905.

434: Oh J, Kim Y, Baek D, Ha Y. Malignant gliomas can be converted to non-proliferating glial cells by treatment with a combination of small molecules. *Oncol Rep*. 2019 Jan;41(1):361-368. doi: 10.3892/or.2018.6824. Epub 2018 Oct 25. PMID: 30365111.

435: Chung JW, Kim DH, Oh MJ, Cho YH, Kim EH, Moon GJ, Ki CS, Cha J, Kim KH, Jeon P, Yeon JY, Kim GM, Kim JS, Hong SC, Bang OY. Cav-1 (Caveolin-1) and Arterial Remodeling in Adult Moyamoya Disease. *Stroke*. 2018 Nov;49(11):2597-2604. doi: 10.1161/STROKEAHA.118.021888. PMID: 30355208.

436: Baek JH, Kim BM, Heo JH, Nam HS, Kim YD, Park H, Bang OY, Yoo J, Kim DJ, Jeon P, Baik SK, Suh SH, Lee KY, Kwak HS, Roh HG, Lee YJ, Kim SH, Ryu CW, Ihn YK, Kim B, Jeon HJ, Kim JW, Byun JS, Suh S, Park JJ, Lee WJ, Roh J, Shin BS. Number of Stent Retriever Passes Associated With Futile Recanalization in Acute Stroke. *Stroke*. 2018 Sep;49(9):2088-2095. doi: 10.1161/STROKEAHA.118.021320. PMID: 30354993.

437: Kim HY, Kim DK, Bae SH, Gwak H, Jeon JH, Kim JK, Lee BI, You HJ, Shin DH, Kim YH, Kim SY, Han SS, Shim JK, Lee JH, Kang SG, Jang H. Farnesyl diphosphate synthase is important for the maintenance of glioblastoma stemness. *Exp Mol Med*. 2018 Oct 17;50(10):1-12. doi: 10.1038/s12276-018-0166-2. PMID: 30333528; PMCID: PMC6193020.

438: Cho KC, Choi JH, Oh JH, Kim YB. Prediction of Thin-Walled Areas of Unruptured Cerebral Aneurysms through Comparison of Normalized Hemodynamic Parameters and Intraoperative Images. *Biomed Res Int*. 2018 Sep 20;2018:3047181. doi: 10.1155/2018/3047181. PMID: 30327776; PMCID: PMC6171254.

439: Cho PG, Ji GY, Park SH, Shin DA. Biomechanical Analysis of Biodegradable Cervical Plates Developed for Anterior Cervical Discectomy and Fusion. *Asian Spine J*. 2018 Dec;12(6):1092-1099. doi: 10.31616/asj.2018.12.6.1092. Epub 2018 Oct 16. PMID: 30322246; PMCID: PMC6284132.

440: Shin DA, Kim C, Yudoyono F, Yun Y, Ha Y, Kang S. Feasibility of Percutaneous Robot-Assisted Epiduroscopic System. *Pain Physician*. 2018 Sep;21(5):E565-E571. PMID: 30282404.

441: Bae S, Choi YS, Ahn SS, Chang JH, Kang SG, Kim EH, Kim SH, Lee SK. Radiomic MRI Phenotyping of Glioblastoma: Improving Survival Prediction. *Radiology*. 2018 Dec;289(3):797-806. doi: 10.1148/radiol.2018180200. Epub 2018 Oct 2. PMID: 30277442.

442: Ryu DS, Ahn SS, Kim KH, Park JY, Kuh SU, Chin DK, Kim KS, Cho YE. Does minimally invasive fusion technique influence surgical outcomes in isthmic spondylolisthesis? *Minim Invasive Ther Allied Technol*. 2019 Feb;28(1):33-40. doi: 10.1080/13645706.2018.1457542. Epub 2018 Sep 28. PMID: 30265165.

443: Wee CW, Kim IH, Park CK, Kim JW, Dho YS, Ohka F, Aoki K, Motomura K, Natsume A, Kim N, Suh CO, Chang JH, Kim SH, Cho WK, Lim DH, Nam DH, Choi JW, Kim IA, Kim CY, Oh YT, Cho O, Chung WK, Kim SH, Kim E. Validation of a novel molecular RPA classification in glioblastoma (GBM-molRPA)

treated with chemoradiation: A multi-institutional collaborative study. *Radiother Oncol.* 2018 Nov;129(2):347-351. doi: 10.1016/j.radonc.2018.09.001. Epub 2018 Sep 17. PMID: 30236994.

444: Koh HY, Kim SH, Jang J, Kim H, Han S, Lim JS, Son G, Choi J, Park BO, Heo WD, Han J, Lee HJ, Lee D, Kang HC, Shong M, Paik SB, Kim DS, Lee JH. BRAF somatic mutation contributes to intrinsic epileptogenicity in pediatric brain tumors. *Nat Med.* 2018 Nov;24(11):1662-1668. doi: 10.1038/s41591-018-0172-x. Epub 2018 Sep 17. PMID: 30224756.

445: Lee DJ, Eun YG, Rho YS, Kim EH, Yim SY, Kang SH, Sohn BH, Kwon GH, Lee JS. Three distinct genomic subtypes of head and neck squamous cell carcinoma associated with clinical outcomes. *Oral Oncol.* 2018 Oct;85:44-51. doi: 10.1016/j.oraloncology.2018.08.009. Epub 2018 Aug 23. PMID: 30220319.

446: Chung JP, Seong YM, Kim TY, Choi Y, Kim TH, Choi HJ, Min CH, Benmakhlof H, Chun KJ, Chung HT. Development of a PMMA phantom as a practical alternative for quality control of gamma knife® dosimetry. *Radiat Oncol.* 2018 Sep 14;13(1):176. doi: 10.1186/s13014-018-1117-8. PMID: 30217160; PMCID: PMC6137750.

447: Kong DS, Young SM, Hong CK, Kim YD, Hong SD, Choi JW, Seol HJ, Lee JI, Shin HJ, Nam DH, Woo KI. Clinical and ophthalmological outcome of endoscopic transorbital surgery for cranioorbital tumors. *J Neurosurg.* 2018 Sep 14;131(3):667-675. doi: 10.3171/2018.3.JNS173233. PMID: 30215555.

448: Lee J, Yoon WS, Koom WS, Rim CH. Efficacy of stereotactic body radiotherapy for unresectable or recurrent cholangiocarcinoma: a meta-analysis and systematic review. *Strahlenther Onkol.* 2019 Feb;195(2):93-102. English. doi: 10.1007/s00066-018-1367-2. Epub 2018 Sep 11. PMID: 30206644.

449: Byun HK, Yi S, Yoon HI, Kim SH, Cho J, Suh CO. Clinical outcomes of radiotherapy for spinal cord ependymoma with adverse prognostic features: a single-center study. *J Neurooncol.* 2018 Dec;140(3):649-657. doi: 10.1007/s11060-018-2995-1. Epub 2018 Sep 10. PMID: 30203166.

450: Choi SH, Yoon HI, Yi S, Park JW, Cho J, Shin DA, Ha Y, Kim DS, Kim SH, Lee SK, Chang JH, Suh CO. Treatment outcomes of radiotherapy for primary spinal cord glioma. *Strahlenther Onkol.* 2019 Feb;195(2):164-174. English. doi: 10.1007/s00066-018-1366-3. Epub 2018 Sep 10. PMID: 30203111.

451: Crowther JE, Ali DB, Bamford J, Kang SW, Kandil E. Intraoperative Neuromonitoring During Thyroid Surgery: The Effect of Surgical Positioning. *Surg Innov.* 2019 Feb;26(1):77-81. doi: 10.1177/1553350618799786. Epub 2018 Sep 10. PMID: 30196764.

452: Ha Y. Robot-Assisted Spine Surgery: A Solution for Aging Spine Surgeons. *Neurospine.* 2018 Sep;15(3):187-188. doi: 10.14245/ns.18edi.003. Epub 2018 Sep 11. PMID: 30196675; PMCID: PMC6226134.

453: Kang JW, Eom S, Hong W, Kwon HE, Park S, Ko A, Kang HC, Lee JS, Lee YM, Kim DS, Kim HD. Long-term Outcome of Resective Epilepsy Surgery in Patients With Lennox-Gastaut Syndrome. *Pediatrics.* 2018 Oct;142(4):e20180449. doi: 10.1542/peds.2018-0449. Epub 2018 Sep 7. PMID: 30194277.

454: Pan Z, Zhong J, Xie S, Yu L, Wu C, Ha Y, Kim KN, Zhang Y, Cao K. Accuracy and Safety of Lateral Vertebral Notch-Referred Technique Used in Subaxial Cervical Pedicle Screw Placement. *Oper Neurosurg (Hagerstown).* 2019 Jul 1;17(1):52-60. doi: 10.1093/ons/opy233. PMID: 30189031.

455: Koh DH, Jang WS, Park JW, Ham WS, Han WK, Rha KH, Choi YD. Efficacy and Safety of Robotic Procedures Performed Using the da Vinci Robotic Surgical System at a Single Institute in Korea:

Experience with 10000 Cases. *Yonsei Med J.* 2018 Oct;59(8):975-981. doi: 10.3349/ymj.2018.59.8.975. PMID: 30187705; PMCID: PMC6127423.

456: Choi SH, Seong J. Stereotactic Body Radiotherapy: Does It Have a Role in Management of Hepatocellular Carcinoma? *Yonsei Med J.* 2018 Oct;59(8):912-922. doi: 10.3349/ymj.2018.59.8.912. PMID: 30187697; PMCID: PMC6127430.

457: Hong JT, Kim JH, Kim KS, Lee CS, Shin HC, Kim WK, Kim JH, Lee JK, Kim IS, Ha Y, Im SB, Kim SW, Han IH, Shin JJ, Rim B, Suk KS, Kim JH, Park YS, Chang BS, Jun DS, Kim YH, Lee JH, Min WK, Lee JS, Park SY, Oh IS, Hong JY, Seo BJ, Kim YJ, Lee J. Pharmacological target therapy of neuropathic pain and patient-reported outcomes in patients with chronic low back pain in Korea: Results from the NLBP Outcomes Research. *Medicine (Baltimore).* 2018 Aug;97(35):e11919. doi: 10.1097/MD.00000000000011919. PMID: 30170385; PMCID: PMC6393114.

458: Park KY, Kim BM, Kim DJ, Chung J, Lee JW. Y-configuration stenting for coiling of wide-neck bifurcation aneurysms using Low-profile Visualized Intraluminal Support Junior. *J Neurointerv Surg.* 2019 Apr;11(4):400-404. doi: 10.1136/neurintsurg-2018-014128. Epub 2018 Aug 30. PMID: 30166335.

459: Kang J, Hosogane N, Ames C, Schwab F, Hart R, Burton D, Shaffrey C, Smith JS, Bess S, Lafage V, Cho KJ, Ha Y. Diversity in Surgical Decision Strategies for Adult Spine Deformity Treatment: The Effects of Neurosurgery or Orthopedic Training Background and Surgical Experience. *Neurospine.* 2018 Dec;15(4):353-361. doi: 10.14245/ns.1836086.043. Epub 2018 Aug 29. PMID: 30157582; PMCID: PMC6347356.

460: Kim SJ, Roh D, Jung HH, Chang WS, Kim CH, Chang JW. A study of novel bilateral thermal capsulotomy with focused ultrasound for treatment-refractory obsessive-compulsive disorder: 2-year follow-up. *J Psychiatry Neurosci.* 2018 Aug;43(5):327-337. doi: 10.1503/jpn.170188. PMID: 30125241; PMCID: PMC6158029.

461: Lee J, Lee M, Koom WS, Kim HJ, Kim WC. Metabolic positron emission tomography parameters predict failure patterns in early non-small-cell lung cancer treated with stereotactic body radiation therapy: a single institution experience. *Jpn J Clin Oncol.* 2018 Oct 1;48(10):920-926. doi: 10.1093/jjco/hyy115. PMID: 30124920.

462: Park HH, Park JY, Chin DK, Lee KS, Hong CK. The timing of fusion surgery for clival chordoma with occipito-cervical joint instability: before or after tumor resection? *Neurosurg Rev.* 2020 Feb;43(1):119-129. doi: 10.1007/s10143-018-1020-7. Epub 2018 Aug 16. PMID: 30116987.

463: Kim DH, Shin S, Kim N, Choi T, Choi SH, Choi YS. Carotid ultrasound measurements for assessing fluid responsiveness in spontaneously breathing patients: corrected flow time and respirophasic variation in blood flow peak velocity. *Br J Anaesth.* 2018 Sep;121(3):541-549. doi: 10.1016/j.bja.2017.12.047. Epub 2018 Apr 12. PMID: 30115251.

464: Yang HM, Choi YJ, Kwon HJ, O J, Cho TH, Kim SH. Comparison of injectate spread and nerve involvement between retrolaminar and erector spinae plane blocks in the thoracic region: a cadaveric study. *Anaesthesia.* 2018 Oct;73(10):1244-1250. doi: 10.1111/anae.14408. Epub 2018 Aug 16. PMID: 30113699.

465: Hwang H, Jeong JE, Lee HK, Yun KN, An HJ, Lee B, Paik YK, Jeong TS, Yee GT, Kim JY, Yoo JS. Identification of Missing Proteins in Human Olfactory Epithelial Tissue by Liquid Chromatography-Tandem Mass Spectrometry. *J Proteome Res.* 2018 Dec 7;17(12):4320-4324. doi: 10.1021/acs.jproteome.8b00408. Epub 2018 Aug 20. PMID: 30113170.

- 466: Kim JH, Chung J, Huh SK, Park KY, Kim DJ, Kim BM, Lee JW. Therapeutic strategies for residual or recurrent intracranial aneurysms after microsurgical clipping. *Clin Neurol Neurosurg*. 2018 Oct;173:110-114. doi: 10.1016/j.clineuro.2018.08.011. Epub 2018 Aug 6. PMID: 30107354.
- 467: Koo T, Lim DH, Seol HJ, Dho YS, Kim IH, Chang JH, Lee J, Jung TY, Gwak HS, Cho KH, Hong CK, Lee IJ, Kim E, Kim JH, Hong YK, Jang HS, Kim CY, Kim IA, Kim SH, Kim YI, Kim EY, Kim WC, Hong S. Impact of adjuvant treatments on survival in Korean patients with WHO grade II gliomas: KNOG 15-02 and KROG 16-04 intergroup study. *J Neurooncol*. 2018 Nov;140(2):445-455. doi: 10.1007/s11060-018-2972-8. Epub 2018 Aug 10. PMID: 30097825.
- 468: Jung NY, Park CK, Kim M, Lee PH, Sohn YH, Chang JW. The efficacy and limits of magnetic resonance-guided focused ultrasound pallidotomy for Parkinson's disease: a Phase I clinical trial. *J Neurosurg*. 2018 Aug 1:1-9. doi: 10.3171/2018.2.JNS172514. Epub ahead of print. PMID: 30095337.
- 469: Jang CK, Park KY, Lee JW, Huh SK, Kim JH, Kim S, Chung J. Microsurgical Treatment of Unruptured Anterior Choroidal Artery Aneurysms: Incidence of and Risk Factors for Procedure-Related Complications. *World Neurosurg*. 2018 Nov;119:e679-e685. doi: 10.1016/j.wneu.2018.07.241. Epub 2018 Aug 6. PMID: 30092482.
- 470: Lee J, You JH, Oh SH, Shin S, Kim BM, Kim TS, Cho YP, Jeon P, Park H. Outcomes of Stenting versus Endarterectomy for Symptomatic Extracranial Carotid Stenosis: A Retrospective Multicenter Study in Korea. *Ann Vasc Surg*. 2019 Jan;54:185-192.e1. doi: 10.1016/j.avsg.2018.04.044. Epub 2018 Aug 6. PMID: 30092433.
- 471: Kim JS, Park EK, Shim KW, Kim DS. Hemispherotomy and Functional Hemispherectomy: Indications and Outcomes. *J Epilepsy Res*. 2018 Jun 30;8(1):1-5. doi: 10.14581/jer.18001. PMID: 30090755; PMCID: PMC6066693.
- 472: Kil HK. Caudal and epidural blocks in infants and small children: historical perspective and ultrasound-guided approaches. *Korean J Anesthesiol*. 2018 Dec;71(6):430-439. doi: 10.4097/kja.d.18.00109. Epub 2018 Aug 8. PMID: 30086609; PMCID: PMC6283718.
- 473: Cho KC, Kim JJ, Jang CK, Hong CK, Joo JY, Kim YB. Rete middle cerebral artery anomalies: a unifying name, case series, and literature review. *J Neurosurg*. 2018 Aug 3;131(2):453-461. doi: 10.3171/2018.2.JNS1832. PMID: 30074465.
- 474: Lee JH, Lee JE, Kahng JY, Kim SH, Park JS, Yoon SJ, Um JY, Kim WK, Lee JK, Park J, Kim EH, Lee JH, Lee JH, Chung WS, Ju YS, Park SH, Chang JH, Kang SG, Lee JH. Human glioblastoma arises from subventricular zone cells with low-level driver mutations. *Nature*. 2018 Aug;560(7717):243-247. doi: 10.1038/s41586-018-0389-3. Epub 2018 Aug 1. PMID: 30069053.
- 475: Yudoyono F, Cho PG, Park SH, Moon BJ, Yi S, Ha Y, Kim KN, Yoon DH, Shin DA. Factors associated with surgical outcomes of cervical ossification of the posterior longitudinal ligament. *Medicine (Baltimore)*. 2018 Jul;97(29):e11342. doi: 10.1097/MD.00000000000011342. PMID: 30024507; PMCID: PMC6086522.
- 476: Ryu DS, Paik HK, Ahn SS, Kim KH, Chin DK, Kim KS, Cho YE, Kuh SU. Herniated Discs at the Cervicothoracic Junction. *World Neurosurg*. 2018 Oct;118:e651-e658. doi: 10.1016/j.wneu.2018.07.017. Epub 2018 Jul 11. PMID: 30017762.
- 477: Ryu CW, Kim BM, Kim HG, Heo JH, Nam HS, Kim DJ, Kim YD. Optimizing Outcome Prediction Scores in Patients Undergoing Endovascular Thrombectomy for Large Vessel Occlusions Using Collateral Grade on Computed Tomography Angiography. *Neurosurgery*. 2019 Sep 1;85(3):350-358.

- doi: 10.1093/neuros/nyy316. Erratum in: *Neurosurgery*. 2018 Nov 1;83(5):1084. PMID: 30010973.
- 478: Kim EJ, Kim YO, Shim KW, Ko BW, Lee JW, Koo BN. Effects of Tranexamic Acid Based on its Population Pharmacokinetics in Pediatric Patients Undergoing Distraction Osteogenesis for Craniosynostosis: Rotational Thromboelastometry (ROTEM™) Analysis. *Int J Med Sci*. 2018 May 22;15(8):788-795. doi: 10.7150/ijms.25008. PMID: 30008588; PMCID: PMC6036088.
- 479: Yang HM, Park SJ, Yoon KB, Park K, Kim SH. Cadaveric Evaluation of Different Approaches for Quadratus Lumborum Blocks. *Pain Res Manag*. 2018 Jun 11;2018:2368930. doi: 10.1155/2018/2368930. PMID: 29991972; PMCID: PMC6016158.
- 480: Ha Y. War, Peace, and Neurospine. *Neurospine*. 2018 Jun;15(2):109-110. doi: 10.14245/ns.18edi.002. Epub 2018 Jun 19. PMID: 29991238; PMCID: PMC6104728.
- 481: Jang CK, Jang EW, Cho KC, Suh SH, Chung J, Kim YB, Hong CK, Joo JY. Radiographic and microsurgical characteristics of proximal (A1) segment aneurysms of the anterior cerebral artery. *Neurol Sci*. 2018 Oct;39(10):1735-1740. doi: 10.1007/s10072-018-3492-1. Epub 2018 Jul 10. PMID: 29987435.
- 482: Seo Y, Pak K, Nam HY, Seok JW, Lee MJ, Kim EJ, Lee JM, Kim SJ, Kim IJ. Effect of rs3910105 in the Synuclein Gene on Dopamine Transporter Availability in Healthy Subjects. *Yonsei Med J*. 2018 Aug;59(6):787-792. doi: 10.3349/ymj.2018.59.6.787. PMID: 29978616; PMCID: PMC6037603.
- 483: Park MS, Moon SH, Oh JK, Lee HW, Riew KD. Natural History of Cervical Degenerative Spondylolisthesis. *Spine (Phila Pa 1976)*. 2019 Jan 1;44(1):E7-E12. doi: 10.1097/BRS.0000000000002764. PMID: 29952882.
- 484: Kim N, Seong J. What Role Does Locally Ablative Stereotactic Body Radiotherapy Play Versus Radiofrequency Ablation in Localized Hepatocellular Carcinoma? *J Clin Oncol*. 2018 Aug 20;36(24):2560-2561. doi: 10.1200/JCO.2018.78.1740. Epub 2018 Jun 26. PMID: 29945523.
- 485: Cho SY, Choi W, Kim J, Kim ST, Kim HJ, Jung IY. Anesthetic efficacy of an inferior alveolar nerve block in soft tissue and correlation between soft tissue and pulpal anesthesia. *Clin Oral Investig*. 2019 Mar;23(3):1061-1065. doi: 10.1007/s00784-018-2532-9. Epub 2018 Jun 25. PMID: 29943368.
- 486: Park SM, Lim JS, Ramakrishna S, Kim SH, Kim WK, Lee J, Kang HC, Reiter JF, Kim DS, Kim HH, Lee JH. Brain Somatic Mutations in MTOR Disrupt Neuronal Ciliogenesis, Leading to Focal Cortical Dyslamination. *Neuron*. 2018 Jul 11;99(1):83-97.e7. doi: 10.1016/j.neuron.2018.05.039. Epub 2018 Jun 21. PMID: 29937275.
- 487: Choi HJ, Chung HT, Sohn JW, Min CH. Independent dose validation system for Gamma Knife radiosurgery, using a DICOM-RT interface and Geant4. *Phys Med*. 2018 Jul;51:117-124. doi: 10.1016/j.ejmp.2018.06.008. Epub 2018 Jun 18. PMID: 29914795.
- 488: Lim YC, Shin YS, Chung J. Flow Diversion via LVIS Blue Stent within Enterprise Stent in Patients with Vertebral Artery Dissecting Aneurysm. *World Neurosurg*. 2018 Sep;117:203-207. doi: 10.1016/j.wneu.2018.06.029. Epub 2018 Jun 15. PMID: 29909212.
- 489: Noh SH, Kim KH, Shin DA, Park JY, Yi S, Kuh SU, Kim KN, Chin DK, Kim KS, Yoon DH, Cho YE. Treatment outcomes of 17 patients with atypical spinal meningioma, including 4 with metastases: a retrospective observational study. *Spine J*. 2019 Feb;19(2):276-284. doi: 10.1016/j.spinee.2018.06.006. Epub 2018 Jun 13. PMID: 29906618.

490: Moon BJ, Choi SK, Shin DA, Yi S, Kim KN, Yoon DH, Ha Y. Prevalence, Incidence, Comorbidity, and Mortality Rates of Ossification of Posterior Longitudinal Ligament in the Cervical Spine: A Nested Case-Control Cohort Study. *World Neurosurg.* 2018 Sep;117:e323-e328. doi: 10.1016/j.wneu.2018.06.023. Epub 2018 Jun 12. PMID: 29906583.

491: Park HH, Kim EH, Ku CR, Lee EJ, Kim SH. Outcomes of Aggressive Surgical Resection in Growth Hormone-Secreting Pituitary Adenomas with Cavernous Sinus Invasion. *World Neurosurg.* 2018 Sep;117:e280-e289. doi: 10.1016/j.wneu.2018.06.012. Epub 2018 Jun 12. PMID: 29906579.

492: Kim SH, Yoo H, Chang JH, Kim CY, Chung DS, Kim SH, Park SH, Lee YS, Yang SH. Procarbazine and CCNU Chemotherapy for Recurrent Glioblastoma with MGMT Promoter Methylation. *J Korean Med Sci.* 2018 May 10;33(24):e167. doi: 10.3346/jkms.2018.33.e167. PMID: 29892208; PMCID: PMC5990446.

493: Yu JW, Shim YS, Lee JW, Kim DJ, Kim BM, Lim YC, Park KY, Chung J. Vision Outcomes of Endovascular Treatment for Unruptured Ophthalmic Artery Aneurysms. *World Neurosurg.* 2018 Aug;116:e1223-e1229. doi: 10.1016/j.wneu.2018.05.238. Epub 2018 Jun 7. PMID: 29886292.

494: Yoon MS, Koh CS, Lee J, Shin J, Kong C, Jung HH, Chang JW. Injecting NMDA and Ro 25-6981 in insular cortex induce neuroplastic changes and neuropathic pain-like behaviour. *Eur J Pain.* 2018 Oct;22(9):1691-1700. doi: 10.1002/ejp.1254. Epub 2018 Jul 2. PMID: 29862605.

495: Park SH, Ji GY, Cho PG, Shin DA, Yoon YS, Kim KN, Oh CH. Clinical Significance of Epidurography Contrast Patterns after Adhesiolysis during Lumbar Percutaneous Epidural Neuroplasty. *Pain Res Manag.* 2018 Apr 1;2018:6268045. doi: 10.1155/2018/6268045. PMID: 29808106; PMCID: PMC5901487.

496: Woo J, Lee EY, Park HS, Park JY, Cho YE. Novel Passive Clearing Methods for the Rapid Production of Optical Transparency in Whole CNS Tissue. *J Vis Exp.* 2018 May 8;(135):57123. doi: 10.3791/57123. PMID: 29806831; PMCID: PMC6101163.

497: Matsuda Y, Jang DK, Chung J, Wainwright JM, Lopes D. Preliminary outcomes of single antiplatelet therapy for surface-modified flow diverters in an animal model: analysis of neointimal development and thrombus formation using OCT. *J Neurointerv Surg.* 2019 Jan;11(1):74-79. doi: 10.1136/neurintsurg-2018-013935. Epub 2018 May 26. PMID: 29804090; PMCID: PMC6327918.

498: Ham SW, Jeon HY, Jin X, Kim EJ, Kim JK, Shin YJ, Lee Y, Kim SH, Lee SY, Seo S, Park MG, Kim HM, Nam DH, Kim H. TP53 gain-of-function mutation promotes inflammation in glioblastoma. *Cell Death Differ.* 2019 Mar;26(3):409-425. doi: 10.1038/s41418-018-0126-3. Epub 2018 May 21. PMID: 29786075; PMCID: PMC6370770.

499: Kong DS, Hong CK, Hong SD, Nam DH, Lee JI, Seol HJ, Oh J, Kim DG, Kim YH. Selection of endoscopic or transcranial surgery for tuberculoma sellae meningiomas according to specific anatomical features: a retrospective multicenter analysis (KOSEN-002). *J Neurosurg.* 2018 May 18;130(3):838-847. doi: 10.3171/2017.11.JNS171337. PMID: 29775151.

500: Shin KJ, Kim HS, O J, Kwon HJ, Yang HM. Anatomical consideration of the occipital cutaneous nerves and artery for the safe treatment of occipital neuralgia. *Clin Anat.* 2018 Oct;31(7):1058-1064. doi: 10.1002/ca.23210. Epub 2018 Oct 31. PMID: 29752841.

501: Lee C, Lee J, Choi SA, Kim SK, Wang KC, Park SH, Kim SH, Lee JY, Phi JH. M1 macrophage recruitment correlates with worse outcome in SHH Medulloblastomas. *BMC Cancer.* 2018 May 8;18(1):535. doi: 10.1186/s12885-018-4457-8. PMID: 29739450; PMCID: PMC5941618.

502: Lee WK, Kim H, Bae MI, Choi SH, Min KT. Accidental intracerebral injection and seizure during scalp nerve blocks for awake craniotomy in a previously craniotomized patient -a case report. *Korean J Anesthesiol.* 2018 Dec;71(6):483-485. doi: 10.4097/kja.d.17.00069. Epub 2018 May 9. PMID: 29739181; PMCID: PMC6283716.

503: Han JH, Baek KH, Lee YW, Hur YK, Kim HJ, Moon IS. Comparison of Clinical Characteristics and Surgical Outcomes of Cystic and Solid Vestibular Schwannomas. *Otol Neurotol.* 2018 Jun;39(5):e381-e386. doi: 10.1097/MAO.0000000000001813. PMID: 29738391.

504: Hwang K, Koh EJ, Choi EJ, Kang TH, Han JH, Choe G, Park SH, Yearley JH, Annamalai L, Blumenschein W, Sathe M, McClanahan T, Jung H, Wang KC, Kim SK, Kim CY. PD-1/PD-L1 and immune-related gene expression pattern in pediatric malignant brain tumors: clinical correlation with survival data in Korean population. *J Neurooncol.* 2018 Sep;139(2):281-291. doi: 10.1007/s11060-018-2886-5. Epub 2018 May 5. PMID: 29730815.

505: Kang JH, Huh SK, Kim J, Park KY, Chung J. Subdural Fluid Collection After the Clipping of Unruptured Intracranial Aneurysms: Its Clinical Course and Significance. *World Neurosurg.* 2018 Aug;116:e266-e272. doi: 10.1016/j.wneu.2018.04.185. Epub 2018 May 3. PMID: 29730098.

506: Moon BJ, Choi KH, Shin DA, Yi S, Kim KN, Yoon DH, Ha Y. Anatomical variations of vertebral artery and C2 isthmus in atlanto-axial fusion: Consecutive surgical 100 cases. *J Clin Neurosci.* 2018 Jul;53:147-152. doi: 10.1016/j.jocn.2018.04.058. Epub 2018 Apr 30. PMID: 29724649.

507: Yi S, Choi S, Shin DA, Kim DS, Choi J, Ha Y, Kim KN, Suh CO, Chang JH, Kim SH, Yoon DH. Impact of H3.3 K27M Mutation on Prognosis and Survival of Grade IV Spinal Cord Glioma on the Basis of New 2016 World Health Organization Classification of the Central Nervous System. *Neurosurgery.* 2019 May 1;84(5):1072-1081. doi: 10.1093/neuros/nyy150. PMID: 29718432.

508: Kim SJ, Roh D, Jung HH, Chang WS, Kim CH, Chang JW. A study of novel bilateral thermal capsulotomy with focused ultrasound for treatment-refractory obsessive-compulsive disorder: 2-year follow-up. *J Psychiatry Neurosci.* 2018 May 2;43(4):170188. doi: 10.1503/jpn.170188. Epub ahead of print. PMID: 29717977.

509: Hwang YH, Jung NY, Park CK, Chang WS, Jung HH, Chang JW. Factors Related to the Clinical Outcomes of Surgery for Extra-Temporal Lobe Epilepsy: Long-Term Follow-Up Results. *World Neurosurg.* 2018 Jul;115:e645-e649. doi: 10.1016/j.wneu.2018.04.124. Epub 2018 Apr 27. PMID: 29709747.

510: Kim W, Lee EY, Park SE, Park EK, Kim JS, Kim DS, Shim KW. Neuropsychological impacts of indirect revascularization for pediatric moyamoya disease. *Childs Nerv Syst.* 2018 Jun;34(6):1199-1206. doi: 10.1007/s00381-018-3804-z. Epub 2018 Apr 20. PMID: 29679197.

511: Kim D, Ku CR, Park SH, Moon JH, Kim EH, Kim SH, Lee EJ. Clinical Parameters to Distinguish Silent Corticotroph Adenomas from Other Nonfunctioning Pituitary Adenomas. *World Neurosurg.* 2018 Jul;115:e464-e471. doi: 10.1016/j.wneu.2018.04.070. Epub 2018 Apr 17. PMID: 29678704.

512: Oh SY, Lim YC, Shim YS, Song J, Park SK, Sim SY, Kim MJ, Shin YS, Chung J. Initial misdiagnosis of aneurysmal subarachnoid hemorrhage: associating factors and its prognosis. *Acta Neurochir (Wien).* 2018 Jun;160(6):1105-1113. doi: 10.1007/s00701-018-3552-6. Epub 2018 Apr 20. PMID: 29675720.

513: Tran Q, Jung JH, Park J, Lee H, Hong Y, Cho H, Kim M, Park S, Kwon SH, Kim SH, Thomas G, Kim KP, Cho MH, Park J. S6 kinase 1 plays a key role in mitochondrial morphology and cellular energy flow. *Cell Signal.* 2018 Aug;48:13-24. doi: 10.1016/j.cellsig.2018.04.002. Epub 2018 Apr 17. PMID:

29673648.

514: Park MS, Moon SH, Kim TH, Oh J, Lee SJ, Chang HG, Shin JH. Paraspinal Muscles of Patients with Lumbar Diseases. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jul;79(4):323-329. doi: 10.1055/s-0038-1639332. Epub 2018 Apr 16. PMID: 29660747.

515: Shin DA, Kim YS, Nakagawa H, Suh JK, Kim SH. ASIA SPINE: The Past, Present, and Future. *Neurospine*. 2018 Mar;15(1):10-17. doi: 10.14245/ns.1836074.037. Epub 2018 Mar 28. PMID: 29656626; PMCID: PMC5944639.

516: Ha Y. *Neurospine*: Harmonious Launch of a New Intellectual Odyssey. *Neurospine*. 2018 Mar;15(1):1-2. doi: 10.14245/ns.18edi.001. PMID: 29656617; PMCID: PMC5944635.

517: Kwak SH, Shin S, Lee JH, Shim JK, Kim M, Lee SD, Lee A, Bae J, Park JH, Abdelrahman A, Müller CE, Cho SK, Kang SG, Bae MA, Yang JY, Ko H, Goddard WA 3rd, Kim YC. Synthesis and structure-activity relationships of quinolinone and quinoline-based P2X7 receptor antagonists and their anti-sphere formation activities in glioblastoma cells. *Eur J Med Chem*. 2018 May 10;151:462-481. doi: 10.1016/j.ejmech.2018.03.023. Epub 2018 Mar 9. PMID: 29649742.

518: Phi JH, Park AK, Lee S, Choi SA, Baek IP, Kim P, Kim EH, Park HC, Kim BC, Bhak J, Park SH, Lee JY, Wang KC, Kim DS, Shim KW, Kim SH, Kim CY, Kim SK. Genomic analysis reveals secondary glioblastoma after radiotherapy in a subset of recurrent medulloblastomas. *Acta Neuropathol*. 2018 Jun;135(6):939-953. doi: 10.1007/s00401-018-1845-8. Epub 2018 Apr 11. PMID: 29644394.

519: Jung HH, Chang WS, Kim SJ, Kim CH, Chang JW. The Potential Usefulness of Magnetic Resonance Guided Focused Ultrasound for Obsessive Compulsive Disorders. *J Korean Neurosurg Soc*. 2018 Jul;61(4):427-433. doi: 10.3340/jkns.2017.0505.004. Epub 2018 Apr 10. PMID: 29631388; PMCID: PMC6046565.

520: Kim KH, Kang SY, Shin DA, Yi S, Ha Y, Kim KN, Sohn YH, Lee PH. Parkinson's disease-related non-motor features as risk factors for post-operative delirium in spinal surgery. *PLoS One*. 2018 Apr 9;13(4):e0195749. doi: 10.1371/journal.pone.0195749. PMID: 29630637; PMCID: PMC5891024.

521: Boers AMM, Jansen IGH, Beenen LFM, Devlin TG, San Roman L, Heo JH, Ribó M, Brown S, Almekhlafi MA, Liebeskind DS, Teitelbaum J, Lingsma HF, van Zwam WH, Cuadras P, du Mesnil de Rochemont R, Beaumont M, Brown MM, Yoo AJ, van Oostenbrugge RJ, Menon BK, Donnan GA, Mas JL, Roos YBWEM, Oppenheim C, van der Lugt A, Dowling RJ, Hill MD, Davalos A, Moulin T, Agrinier N, Demchuk AM, Lopes DK, Aja Rodríguez L, Dippel DWJ, Campbell BCV, Mitchell PJ, Al-Ajlan FS, Jovin TG, Madigan J, Albers GW, Soize S, Guillemin F, Reddy VK, Bracard S, Blasco J, Muir KW, Nogueira RG, White PM, Goyal M, Davis SM, Marquering HA, Majoie CBLM. Association of follow-up infarct volume with functional outcome in acute ischemic stroke: a pooled analysis of seven randomized trials. *J Neurointerv Surg*. 2018 Dec;10(12):1137-1142. doi: 10.1136/neurintsurg-2017-013724. Epub 2018 Apr 7. PMID: 29627794.

522: Suh HB, Choi YS, Bae S, Ahn SS, Chang JH, Kang SG, Kim EH, Kim SH, Lee SK. Primary central nervous system lymphoma and atypical glioblastoma: Differentiation using radiomics approach. *Eur Radiol*. 2018 Sep;28(9):3832-3839. doi: 10.1007/s00330-018-5368-4. Epub 2018 Apr 6. PMID: 29626238.

523: Kahinga AA, Han JH, Moon IS. Total Transcanal Endoscopic Facial Nerve Decompression for Traumatic Facial Nerve Palsy. *Yonsei Med J*. 2018 May;59(3):457-460. doi: 10.3349/ymj.2018.59.3.457. PMID: 29611410; PMCID: PMC5890000.

- 524: Cho JS, Lee J, Jeong DU, Kim HW, Chang WS, Moon J, Chang JW. Effect of Placenta-Derived Mesenchymal Stem Cells in a Dementia Rat Model via Microglial Mediation: a Comparison between Stem Cell Transplant Methods. *Yonsei Med J.* 2018 May;59(3):406-415. doi: 10.3349/ymj.2018.59.3.406. PMID: 29611403; PMCID: PMC5889993.
- 525: Chang Y, Kim BM, Bang OY, Baek JH, Heo JH, Nam HS, Kim YD, Yoo J, Kim DJ, Jeon P, Baik SK, Suh SH, Lee KY, Kwak HS, Roh HG, Lee YJ, Kim SH, Ryu CW, Ihn YK, Kim B, Jeon HJ, Kim JW, Byun JS, Suh S, Park JJ, Lee WJ, Roh J, Shin BS, Kim JM. Rescue Stenting for Failed Mechanical Thrombectomy in Acute Ischemic Stroke: A Multicenter Experience. *Stroke.* 2018 Apr;49(4):958-964. doi: 10.1161/STROKEAHA.117.020072. Epub 2018 Mar 16. PMID: 29581342.
- 526: Koo T, Lim DH, Seol HJ, Park CK, Kim IH, Chang JH, Lee J, Jung S, Gwak HS, Cho KH, Hong CK, Lee IJ, Kim E, Kim JH, Hong YK, Jang HS, Kim CY, Kim IA, Kim SH, Kim YI, Kim EY, Kim WC, Hong S. Multi-institutional study of treatment patterns in Korean patients with WHO grade II gliomas: KNOG 15-02 and KROG 16-04 intergroup study. *J Neurooncol.* 2018 Jul;138(3):667-677. doi: 10.1007/s11060-018-2839-z. Epub 2018 Mar 23. PMID: 29572674.
- 527: Yoo KC, Suh Y, An Y, Lee HJ, Jeong YJ, Uddin N, Cui YH, Roh TH, Shim JK, Chang JH, Park JB, Kim MJ, Kim IG, Kang SG, Lee SJ. Proinvasive extracellular matrix remodeling in tumor microenvironment in response to radiation. *Oncogene.* 2018 Jun;37(24):3317-3328. doi: 10.1038/s41388-018-0199-y. Epub 2018 Mar 21. PMID: 29559744.
- 528: Eom H, Kaushik N, Yoo KC, Shim JK, Kwon M, Choi MY, Yoon T, Kang SG, Lee SJ. MerTK mediates STAT3-KRAS/SRC-signaling axis for glioma stem cell maintenance. *Artif Cells Nanomed Biotechnol.* 2018;46(sup2):87-95. doi: 10.1080/21691401.2018.1452022. Epub 2018 Mar 19. PMID: 29553850.
- 529: Koh I, Cha J, Park J, Choi J, Kang SG, Kim P. The mode and dynamics of glioblastoma cell invasion into a decellularized tissue-derived extracellular matrix-based three-dimensional tumor model. *Sci Rep.* 2018 Mar 15;8(1):4608. doi: 10.1038/s41598-018-22681-3. PMID: 29545552; PMCID: PMC5854588.
- 530: Lee JJ, Shin DA, Yi S, Kim KN, Yoon DH, Shin HC, Ha Y. Effect of posterior instrumented fusion on three-dimensional volumetric growth of cervical ossification of the posterior longitudinal ligament: a multiple regression analysis. *Spine J.* 2018 Oct;18(10):1779-1786. doi: 10.1016/j.spinee.2018.03.002. Epub 2018 Mar 8. PMID: 29526640.
- 531: Jeon I, Cho YE. Analysis of Factors Contributing to Repeat Surgery in Multi-Segments Cervical Ossification of Posterior Longitudinal Ligament. *J Korean Neurosurg Soc.* 2018 Mar;61(2):224-232. doi: 10.3340/jkns.2017.1201.003. Epub 2018 Feb 28. PMID: 29526066; PMCID: PMC5853204.
- 532: Cho WS, Kim JE, Park SQ, Ko JK, Kim DW, Park JC, Yeon JY, Chung SY, Chung J, Joo SP, Hwang G, Kim DY, Chang WH, Choi KS, Lee SH, Sheen SH, Kang HS, Kim BM, Bae HJ, Oh CW, Park HS; Quality Control Committees from the Korean Society of Cerebrovascular Surgeons; Society of Korean Endovascular Neurosurgeons; Korean Society of Interventional Neuroradiology; Korean Stroke Society and Korean Academy of Rehabilitation Medicine. Korean Clinical Practice Guidelines for Aneurysmal Subarachnoid Hemorrhage. *J Korean Neurosurg Soc.* 2018 Mar;61(2):127-166. doi: 10.3340/jkns.2017.0404.005. Epub 2018 Feb 28. PMID: 29526058; PMCID: PMC5853198.
- 533: Son W, Kang DH, Kim BM, Park J, Kim YS. Retrograde Snare-Assisted Rescue via Anterior Communicating Artery for Lost Access During Multiple Overlapping Pipeline Embolization Device Placement. *World Neurosurg.* 2018 Jun;114:4-7. doi: 10.1016/j.wneu.2018.02.150. Epub 2018 Mar 7. PMID: 29524711.

- 534: Sung KS, Moon JH, Kim EH, Kang SG, Kim SH, Suh CO, Kim SH, Lee KS, Chang WS, Chang JH. Solitary fibrous tumor/hemangiopericytoma: treatment results based on the 2016 WHO classification. *J Neurosurg*. 2018 Mar 1:1-8. doi: 10.3171/2017.9.JNS171057. Epub ahead of print. PMID: 29521591.
- 535: Kim BM, Baek JH, Heo JH, Nam HS, Kim YD, Yoo J, Kim DJ, Jeon P, Baik SK, Suh SH, Lee KY, Kwak HS, Roh HG, Lee YJ, Kim SH, Ryu CW, Ihn YK, Kim B, Jeon HJ, Kim JW, Byun JS, Suh S, Park JJ, Lee WJ, Roh J, Shin BS, Bang OY. Collateral status affects the onset-to-reperfusion time window for good outcome. *J Neurol Neurosurg Psychiatry*. 2018 Sep;89(9):903-909. doi: 10.1136/jnnp-2017-317627. Epub 2018 Mar 8. PMID: 29519900.
- 536: Park YW, Han K, Ahn SS, Choi YS, Chang JH, Kim SH, Kang SG, Kim EH, Lee SK. Whole-Tumor Histogram and Texture Analyses of DTI for Evaluation of *IDH1*-Mutation and 1p/19q-Codeletion Status in World Health Organization Grade II Gliomas. *AJNR Am J Neuroradiol*. 2018 Apr;39(4):693-698. doi: 10.3174/ajnr.A5569. Epub 2018 Mar 8. PMID: 29519794; PMCID: PMC7410765.
- 537: Kim S, Kim D, Kim SH, Park MA, Chang JH, Yun M. The roles of ¹¹C-acetate PET/CT in predicting tumor differentiation and survival in patients with cerebral glioma. *Eur J Nucl Med Mol Imaging*. 2018 Jun;45(6):1012-1020. doi: 10.1007/s00259-018-3948-9. Epub 2018 Mar 6. PMID: 29511838.
- 538: Park S, Yoon JK, Chung NS, Kim SH, Hwang J, Lee HY, Kwack KS. Correlations between intravoxel incoherent motion diffusion-weighted MR imaging parameters and ¹⁸F-FDG PET/CT metabolic parameters in patients with vertebral bone metastases: initial experience. *Br J Radiol*. 2018 Jun;91(1086):20170889. doi: 10.1259/bjr.20170889. Epub 2018 Mar 20. PMID: 29509489; PMCID: PMC6223291.
- 539: Chun DH, Yoon DH, Kim KN, Yi S, Shin DA, Ha Y. Biomechanical Comparison of Four Different Atlantoaxial Posterior Fixation Constructs in Adults: A Finite Element Study. *Spine (Phila Pa 1976)*. 2018 Aug 1;43(15):E891-E897. doi: 10.1097/BRS.0000000000002584. PMID: 29462065.
- 540: Lee CK, Choi SK, Shin DA, Yi S, Kim KN, Kim I, Ha Y. Parkinson's disease and the risk of osteoporotic vertebral compression fracture: a nationwide population-based study. *Osteoporos Int*. 2018 May;29(5):1117-1124. doi: 10.1007/s00198-018-4409-9. Epub 2018 Feb 19. PMID: 29460103.
- 541: Kim JW, Hong CK, Cha YJ, Kim SH, Suh CO, Lee KS. Cardiac Metastasis from Clivus Chordoma. *World Neurosurg*. 2018 May;113:103-107. doi: 10.1016/j.wneu.2018.02.041. Epub 2018 Feb 14. PMID: 29454123.
- 542: Lee JS, Kim SK, Jung BJ, Choi SB, Choi EY, Kim CS. Enhancing proliferation and optimizing the culture condition for human bone marrow stromal cells using hypoxia and fibroblast growth factor-2. *Stem Cell Res*. 2018 Apr;28:87-95. doi: 10.1016/j.scr.2018.01.010. Epub 2018 Jan 9. PMID: 29448134.
- 543: Rim CH, Lee J, Kim WC, Yang D, Yoon WS, Koom WS, Kim CY. A Survey of Radiation Therapy Utilization in Korea from 2010 to 2016: Focusing on Use of Intensity-Modulated Radiation Therapy. *J Korean Med Sci*. 2018 Feb 26;33(9):e67. doi: 10.3346/jkms.2018.33.e67. PMID: 29441739; PMCID: PMC5811661.
- 544: Kim JH, Kim BS, Hwang SJ, Chang WS, Kim KW, Kwon HC, Lee YH, Chang JW. Symptom-associated change of motor-related neuromagnetic fields in a patient with multiple sclerosis: A case report. *J Clin Neurosci*. 2018 Apr;50:115-122. doi: 10.1016/j.jocn.2018.01.060. Epub 2018 Feb 10. PMID: 29439908.
- 545: Lee J, Ahn SS, Chang JH, Suh CO. Hypofractionated Re-irradiation after Maximal Surgical Resection for Recurrent Glioblastoma: Therapeutic Adequacy and Its Prognosticators of Survival.

- Yonsei Med J. 2018 Mar;59(2):194-201. doi: 10.3349/ymj.2018.59.2.194. PMID: 29436186; PMCID: PMC5823820.
- 546: Hong MH, Hong HJ, Pang H, Lee HJ, Yi S, Koh WG. Controlled Release of Growth Factors from Multilayered Fibrous Scaffold for Functional Recoveries in Crushed Sciatic Nerve. *ACS Biomater Sci Eng.* 2018 Feb 12;4(2):576-586. doi: 10.1021/acsbiomaterials.7b00801. Epub 2018 Jan 23. PMID: 33418747.
- 547: Park MS, Moon SH, Kim TH, Oh JK, Yoon WY, Chang HG. Platelet-rich plasma for the spinal fusion. *J Orthop Surg (Hong Kong).* 2018 Jan- Apr;26(1):2309499018755772. doi: 10.1177/2309499018755772. PMID: 29415616.
- 548: Roh TH, Park YS, Park YG, Kim SH, Chang JH. Intracranial squamous cell carcinoma arising in a cerebellopontine angle epidermoid cyst: A case report and literature review. *Medicine (Baltimore).* 2017 Dec;96(51):e9423. doi: 10.1097/MD.0000000000009423. PMID: 29390569; PMCID: PMC5758271.
- 549: Jung NY, Park CK, Chang WS, Jung HH, Chang JW. Effects on cognition and quality of life with unilateral magnetic resonance-guided focused ultrasound thalamotomy for essential tremor. *Neurosurg Focus.* 2018 Feb;44(2):E8. doi: 10.3171/2017.11.FOCUS17625. PMID: 29385928.
- 550: Shin J, Kong C, Cho JS, Lee J, Koh CS, Yoon MS, Na YC, Chang WS, Chang JW. Focused ultrasound-mediated noninvasive blood-brain barrier modulation: preclinical examination of efficacy and safety in various sonication parameters. *Neurosurg Focus.* 2018 Feb;44(2):E15. doi: 10.3171/2017.11.FOCUS17627. PMID: 29385915.
- 551: Noh SH, Zhang HY. Comparison among perfect-C®, zero-P®, and plates with a cage in single-level cervical degenerative disc disease. *BMC Musculoskelet Disord.* 2018 Jan 25;19(1):33. doi: 10.1186/s12891-018-1950-9. PMID: 29368613; PMCID: PMC5784656.
- 552: Yoon DM, Yoon KB, Baek IC, Ko SH, Kim SH. Predictors of analgesic efficacy of neurolytic celiac plexus block in patients with unresectable pancreatic cancer: the importance of timing. *Support Care Cancer.* 2018 Jun;26(6):2023-2030. doi: 10.1007/s00520-018-4043-2. Epub 2018 Jan 17. PMID: 29344736.
- 553: Eun YG, Lee D, Lee YC, Sohn BH, Kim EH, Yim SY, Kwon KH, Lee JS. Clinical significance of YAP1 activation in head and neck squamous cell carcinoma. *Oncotarget.* 2017 Nov 27;8(67):111130-111143. doi: 10.18632/oncotarget.22666. PMID: 29340043; PMCID: PMC5762311.
- 554: Im JH, Hong JB, Kim SH, Choi J, Chang JH, Cho J, Suh CO. Recurrence patterns after maximal surgical resection and postoperative radiotherapy in anaplastic gliomas according to the new 2016 WHO classification. *Sci Rep.* 2018 Jan 15;8(1):777. doi: 10.1038/s41598-017-19014-1. PMID: 29335518; PMCID: PMC5768800.
- 555: Roh TH, Choi MS, You N, Jeong D, Jang AH, Seo MR, Lee SR, Kim SH. Identifying candidates for gamma knife radiosurgery among elderly patients with brain metastases. *J Neurooncol.* 2018 May;137(3):559-565. doi: 10.1007/s11060-018-2745-4. Epub 2018 Jan 11. PMID: 29327172.
- 556: Schreglmann SR, Krauss JK, Chang JW, Bhatia KP, Kägi G. Functional lesional neurosurgery for tremor: a systematic review and meta-analysis. *J Neurol Neurosurg Psychiatry.* 2018 Jul;89(7):717-726. doi: 10.1136/jnnp-2017-316302. Epub 2018 Jan 11. PMID: 29326290.
- 557: Kim DH, Oh YJ, Lee JG, Ha D, Chang YJ, Kwak HJ. Efficacy of Ultrasound- Guided Serratus Plane

Block on Postoperative Quality of Recovery and Analgesia After Video-Assisted Thoracic Surgery: A Randomized, Triple-Blind, Placebo- Controlled Study. *Anesth Analg*. 2018 Apr;126(4):1353-1361. doi: 10.1213/ANE.0000000000002779. PMID: 29324496.

558: Kim JH, Kim JY, Jung JY, Lee YW, Lee WT, Huh SK, Lee JE. Endogenous Agmatine Induced by Ischemic Preconditioning Regulates Ischemic Tolerance Following Cerebral Ischemia. *Exp Neurobiol*. 2017 Dec;26(6):380-389. doi: 10.5607/en.2017.26.6.380. Epub 2017 Dec 13. PMID: 29302205; PMCID: PMC5746503.

559: Jung WS, Park CH, Hong CK, Suh SH, Ahn SJ. Diffusion-Weighted Imaging of Brain Metastasis from Lung Cancer: Correlation of MRI Parameters with the Histologic Type and Gene Mutation Status. *AJNR Am J Neuroradiol*. 2018 Feb;39(2):273-279. doi: 10.3174/ajnr.A5516. Epub 2018 Jan 4. PMID: 29301782; PMCID: PMC7410588.

560: Lim EJ, Suh Y, Kim S, Kang SG, Lee SJ. Force-mediated proinvasive matrix remodeling driven by tumor-associated mesenchymal stem-like cells in glioblastoma. *BMB Rep*. 2018 Apr;51(4):182-187. doi: 10.5483/bmbrep.2018.51.4.185. PMID: 29301607; PMCID: PMC5933213.

561: Yudoyono F, Kang J, Ha Y. Comparison of Cervical Alignment and Clinical Outcomes in Patients with Os Odontoideum versus Non-Os Odontoideum after Atlantoaxial Fixation. *Korean J Spine*. 2017 Dec;14(4):143-147. doi: 10.14245/kjs.2017.14.4.143. Epub 2017 Dec 31. PMID: 29301174; PMCID: PMC5769938.

562: Ha Y. <i>Korean Journal of Spine</i>, the Long History of Archives of Spine Academia and the Beginning of a New Era. *Korean J Spine*. 2017 Dec;14(4):125. doi: 10.14245/kjs.2017.14.4.125. PMID: 29301170; PMCID: PMC5769941.

563: Park J, Shim JK, Kang JH, Choi J, Chang JH, Kim SY, Kang SG. Regulation of bioenergetics through dual inhibition of aldehyde dehydrogenase and mitochondrial complex I suppresses glioblastoma tumorspheres. *Neuro Oncol*. 2018 Jun 18;20(7):954-965. doi: 10.1093/neuonc/nox243. PMID: 29294080; PMCID: PMC6007558.

564: Kim JH, Hong JT, Lee CS, Kim KS, Suk KS, Kim JH, Park YS, Chang BS, Jun DS, Kim YH, Lee JH, Min WK, Lee JS, Park SY, Oh IS, Hong JY, Shin HC, Kim WK, Kim JH, Lee JK, Kim IS, Ha Y, Im SB, Kim SW, Han IH, Shin JJ, Rim BC, Seo BJ, Kim YJ, Lee J. Prevalence of Neuropathic Pain and Patient-Reported Outcomes in Korean Adults with Chronic Low Back Pain Resulting from Neuropathic Low Back Pain. *Asian Spine J*. 2017 Dec;11(6):917-927. doi: 10.4184/asj.2017.11.6.917. Epub 2017 Dec 7. PMID: 29279747; PMCID: PMC5738313.

565: Chun DH, Kim DY, Choi SK, Shin DA, Ha Y, Kim KN, Yoon DH, Yi S. Feasibility of a Modified E-PASS and POSSUM System for Postoperative Risk Assessment in Patients with Spinal Disease. *World Neurosurg*. 2018 Apr;112:e95-e102. doi: 10.1016/j.wneu.2017.12.092. Epub 2017 Dec 23. PMID: 29277590.

566: Okada H, Chung J, Heiferman DM, Lopes DK. Assessment of human placenta as an ex-vivo vascular model for testing of liquid embolic agent injections with adjunctive techniques. *J Neurointerv Surg*. 2018 Sep;10(9):892-895. doi: 10.1136/neurintsurg-2017-013474. Epub 2017 Dec 22. PMID: 29273647.

567: Park SH, Ku CR, Moon JH, Kim EH, Kim SH, Lee EJ. Age- and Sex-Specific Differences as Predictors of Surgical Remission Among Patients With Acromegaly. *J Clin Endocrinol Metab*. 2018 Mar 1;103(3):909-916. doi: 10.1210/jc.2017-01844. PMID: 29272449.

- 568: Schreglmann SR, Krauss JK, Chang JW, Martin E, Werner B, Bauer R, Hägele- Link S, Bhatia KP, Kägi G. Functional lesional neurosurgery for tremor: back to the future? *J Neurol Neurosurg Psychiatry*. 2018 Jul;89(7):727-735. doi: 10.1136/jnnp-2017-316301. Epub 2017 Dec 21. PMID: 29269505.
- 569: Chang JW, Park CK, Lipsman N, Schwartz ML, Ghanouni P, Henderson JM, Gwinn R, Witt J, Tierney TS, Cosgrove GR, Shah BB, Abe K, Taira T, Lozano AM, Eisenberg HM, Fishman PS, Elias WJ. A prospective trial of magnetic resonance- guided focused ultrasound thalamotomy for essential tremor: Results at the 2-year follow-up. *Ann Neurol*. 2018 Jan;83(1):107-114. doi: 10.1002/ana.25126. PMID: 29265546.
- 570: Koo B, Koh CS, Park HY, Lee HG, Chang JW, Choi S, Shin HC. Publisher Correction: Manipulation of Rat Movement via Nigrostriatal Stimulation Controlled by Human Visually Evoked Potentials. *Sci Rep*. 2017 Dec 19;7(1):18107. doi: 10.1038/s41598-017-14994-6. Erratum for: *Sci Rep*. 2017 May 24;7(1):2340. PMID: 29259190; PMCID: PMC5736755.
- 571: Lee HG, Kim WK, Yeon JY, Kim JS, Kim KH, Jeon P, Hong SC. Contrast-Induced Acute Kidney Injury after Coil Embolization for Aneurysmal Subarachnoid Hemorrhage. *Yonsei Med J*. 2018 Jan;59(1):107-112. doi: 10.3349/ymj.2018.59.1.107. PMID: 29214784; PMCID: PMC5725346.
- 572: Igase K, Igase M, Matsubara I, Sadamoto K. Mismatch between TOF MR Angiography and CT Angiography of the Middle Cerebral Artery may be a Critical Sign in Cerebrovascular Dynamics. *Yonsei Med J*. 2018 Jan;59(1):80-84. doi: 10.3349/ymj.2018.59.1.80. PMID: 29214780; PMCID: PMC5725368.
- 573: Lee JM, Whang K, Cho SM, Kim JY, Oh JW, Koo YM, Hu C, Pyen JS, Choi JW. Factors Affecting Optimal Time of Cranioplasty: Brain Sunken Ratio. *Korean J Neurotrauma*. 2017 Oct;13(2):113-118. doi: 10.13004/kjnt.2017.13.2.113. Epub 2017 Oct 31. PMID: 29201844; PMCID: PMC5702745.
- 574: Oh JW, Kim SH, Whang K. Traumatic Cerebrospinal Fluid Leak: Diagnosis and Management. *Korean J Neurotrauma*. 2017 Oct;13(2):63-67. doi: 10.13004/kjnt.2017.13.2.63. Epub 2017 Oct 31. PMID: 29201836; PMCID: PMC5702760.
- 575: Shaffrey CI, Smith JS, Ames CP, Yagi M, Alanay A, Ha Y. Introduction. Adult spinal deformity. *Neurosurg Focus*. 2017 Dec;43(6):E1. doi: 10.3171/2017.9.FOCUS17599. PMID: 29191097.
- 576: Jung NY, Kim M, Chang WS, Jung HH, Choi JY, Chang JW. Favorable Long-Term Functional Outcomes and Safety of Auditory Brainstem Implants in Nontumor Patients. *Oper Neurosurg (Hagerstown)*. 2017 Dec 1;13(6):653-660. doi: 10.1093/ons/opx046. PMID: 29186598.
- 577: Oh J, Kim Y, Che L, Kim JB, Chang GE, Cheong E, Kang SG, Ha Y. Regulation of cAMP and GSK3 signaling pathways contributes to the neuronal conversion of glioma. *PLoS One*. 2017 Nov 21;12(11):e0178881. doi: 10.1371/journal.pone.0178881. PMID: 29161257; PMCID: PMC5697826.
- 578: Lee JM, Whang K, Cho SM, Kim JY, Oh JW, Koo YM, Hu C, Pyen J, Choi JW. Cranial Nerve Palsy after Onyx Embolization as a Treatment for Cerebral Vascular Malformation. *J Cerebrovasc Endovasc Neurosurg*. 2017 Sep;19(3):189-195. doi: 10.7461/jcen.2017.19.3.189. Epub 2017 Sep 30. PMID: 29159152; PMCID: PMC5680082.
- 579: Yun Y, Oh J, Kim Y, Kim G, Lee M, Ha Y. Characterization of neural stem cells modified with hypoxia/neuron-specific VEGF expression system for spinal cord injury. *Gene Ther*. 2018 Jan;25(1):27-38. doi: 10.1038/gt.2017.92. Epub 2017 Nov 20. PMID: 29155421.
- 580: Kim EH, Oh MC, Chang JH, Moon JH, Ku CR, Chang WS, Lee EJ, Kim SH. Postoperative Gamma Knife Radiosurgery for Cavernous Sinus-Involving Growth Hormone-Secreting Pituitary Adenomas.

World Neurosurg. 2018 Feb;110:e534-e545. doi: 10.1016/j.wneu.2017.11.043. Epub 2017 Nov 16. PMID: 29155347.

581: Cho H, Kim SH, Kim SJ, Chang JH, Yang WI, Suh CO, Kim YR, Jang JE, Cheong JW, Min YH, Kim JS. Programmed cell death 1 expression is associated with inferior survival in patients with primary central nervous system lymphoma. *Oncotarget*. 2017 Aug 14;8(50):87317-87328. doi: 10.18632/oncotarget.20264. PMID: 29152083; PMCID: PMC5675635.

582: Kerolus MG, Chung J, Munich SA, Matsuda Y, Okada H, Lopes DK. An Onyx tunnel: reconstructive transvenous balloon-assisted Onyx embolization for dural arteriovenous fistula of the transverse-sigmoid sinus. *J Neurosurg*. 2018 Oct;129(4):922-927. doi: 10.3171/2017.5.JNS17287. Epub 2017 Nov 17. PMID: 29148903.

583: Yoon YJ, Suh MJ, Lee HY, Lee HJ, Choi EH, Moon IS, Song K. Anti-tumor effects of cold atmospheric pressure plasma on vestibular schwannoma demonstrate its feasibility as an intra-operative adjuvant treatment. *Free Radic Biol Med*. 2018 Feb 1;115:43-56. doi: 10.1016/j.freeradbiomed.2017.11.011. Epub 2017 Nov 11. PMID: 29138018.

584: Park YW, Han K, Ahn SS, Bae S, Choi YS, Chang JH, Kim SH, Kang SG, Lee SK. Prediction of *IDH1*-Mutation and 1p/19q-Codeletion Status Using Preoperative MR Imaging Phenotypes in Lower Grade Gliomas. *AJNR Am J Neuroradiol*. 2018 Jan;39(1):37-42. doi: 10.3174/ajnr.A5421. Epub 2017 Nov 9. PMID: 29122763; PMCID: PMC7410710.

585: Charidimou A, Karayiannis C, Song TJ, Orken DN, Thijs V, Lemmens R, Kim J, Goh SM, Phan TG, Soufan C, Chandra RV, Slater LA, Haji S, Mok V, Horstmann S, Leung KT, Kawamura Y, Sato N, Hasebe N, Saito T, Wong LKS, Soo Y, Veltkamp R, Flemming KD, Imaizumi T, Srikanth V, Heo JH; International META-MICROBLEEDS Initiative. Brain microbleeds, anticoagulation, and hemorrhage risk: Meta-analysis in stroke patients with AF. *Neurology*. 2017 Dec 5;89(23):2317-2326. doi: 10.1212/WNL.0000000000004704. Epub 2017 Nov 8. PMID: 29117953.

586: Ryu DS, Park JY, Kuh SU, Chin DK, Kim KS, Cho YE, Kim KH. Surgical Outcomes After Segmental Limited Surgery for Adjacent Segment Disease: The Consequences of Makeshift Surgery. *World Neurosurg*. 2018 Feb;110:e258-e265. doi: 10.1016/j.wneu.2017.10.150. Epub 2017 Nov 3. PMID: 29109064.

587: Koh MJ, Seol J, Kang JI, Kim BS, Namkoong K, Chang JW, Kim SJ. Altered resting-state functional connectivity in patients with obsessive-compulsive disorder: A magnetoencephalography study. *Int J Psychophysiol*. 2018 Jan;123:80-87. doi: 10.1016/j.ijpsycho.2017.10.012. Epub 2017 Oct 28. PMID: 29107610.

588: Chung J, Matsuda Y, Nelson J, Keigher K, Lopes DK. A new low-profile visualized intraluminal support (LVIS) device, LVIS Blue: laboratory comparison between old and new LVIS. *Neurol Res*. 2018 Jan;40(1):78-85. doi: 10.1080/01616412.2017.1398881. Epub 2017 Nov 5. PMID: 29105602.

589: Kang YS, Park EK, Kim JS, Kim DS, Thomale UW, Shim KW. Efficacy of endoscopic third ventriculostomy in old aged patients with normal pressure hydrocephalus. *Neurol Neurochir Pol*. 2018 Jan-Feb;52(1):29-34. doi: 10.1016/j.pjnns.2017.10.004. Epub 2017 Oct 23. PMID: 29103634.

590: Lee MS, Park CG, Hughes TL, Jun SE, Whang K, Kim N. The predictive role of health-promoting behaviours and perceived stress in aneurysmal rupture. *J Clin Nurs*. 2018 Mar;27(5-6):e1068-e1077. doi: 10.1111/jocn.14149. Epub 2018 Feb 21. PMID: 29076614.

591: Yu J, Ha Y, Shin JJ, Oh JK, Lee CK, Kim KN, Yoon DH. Influence of plate fixation on cervical height

- and alignment after one- or two-level anterior cervical discectomy and fusion. *Br J Neurosurg.* 2018 Apr;32(2):188-195. doi: 10.1080/02688697.2017.1394980. Epub 2017 Oct 26. PMID: 29069938.
- 592: Ahn S, Cho H, Kwon M, Kim K, Kwon H, Kim BS, Chang WS, Chang JW, Jun SC. Interbrain phase synchronization during turn-taking verbal interaction-a hyperscanning study using simultaneous EEG/MEG. *Hum Brain Mapp.* 2018 Jan;39(1):171-188. doi: 10.1002/hbm.23834. Epub 2017 Oct 11. PMID: 29024193; PMCID: PMC6866597.
- 593: Cho SM, Kim HG, Yoon SH, Chang KH, Park MS, Park YH, Choi MS. Reappraisal of Neonatal Greenstick Skull Fractures Caused by Birth Injuries: Comparison of 3-Dimensional Reconstructed Computed Tomography and Simple Skull Radiographs. *World Neurosurg.* 2018 Jan;109:e305-e312. doi: 10.1016/j.wneu.2017.09.168. Epub 2017 Oct 5. PMID: 28989045.
- 594: Park H, Park H, Mun D, Kim M, Pak HN, Lee MH, Joung B. Sympathetic nerve blocks promote anti-inflammatory response by activating the JAK2-STAT3-mediated signaling cascade in rat myocarditis models: A novel mechanism with clinical implications. *Heart Rhythm.* 2018 May;15(5):770-779. doi: 10.1016/j.hrthm.2017.09.039. Epub 2017 Sep 28. PMID: 28963014.
- 595: Suh SH. The Annual Trends between Neurointerventional and Neurosurgical Procedures in Korea: Analysis using HIRA Data from 2010 to 2016. *Neurointervention.* 2017 Sep;12(2):77-82. doi: 10.5469/neuroint.2017.12.2.77. Epub 2017 Sep 5. PMID: 28955509; PMCID: PMC5613048.
- 596: Matsuda Y, Chung J, Keigher K, Lopes D. A comparison between the new Low-profile Visualized Intraluminal Support (LVIS Blue) stent and the Flow Redirection Endoluminal Device (FRED) in bench-top and cadaver studies. *J Neurointerv Surg.* 2018 Mar;10(3):274-278. doi: 10.1136/neurintsurg-2017-013074. Epub 2017 Sep 22. PMID: 28939583; PMCID: PMC5869451.
- 597: Ju JH, Kim SJ, Kim KH, Ryu DS, Park JY, Chin DK, Kim KS, Cho YE, Kuh SU. Clinical relation among dural adhesion, dural ossification, and dural laceration in the removal of ossification of the ligamentum flavum. *Spine J.* 2018 May;18(5):747-754. doi: 10.1016/j.spinee.2017.09.006. Epub 2017 Sep 20. PMID: 28939168.
- 598: Oh CH, Ji GY, Shin DA, Cho PG, Yoon SH. Clinical Course of Cervical Percutaneous Epidural Neuroplasty in Single-Level Cervical Disc Disease with 12-Month Follow-up. *Pain Physician.* 2017 Sep;20(6):E941-E949. PMID: 28934798.
- 599: Jung NY, Lee SW, Park CK, Chang WS, Jung HH, Chang JW. Hearing Outcome Following Microvascular Decompression for Hemifacial Spasm: Series of 1434 Cases. *World Neurosurg.* 2017 Dec;108:566-571. doi: 10.1016/j.wneu.2017.09.053. Epub 2017 Sep 18. PMID: 28927910.
- 600: Yang CE, Park EK, Lee MC, Shim KW, Kim YO. The Unnecessity of Positron Emission Tomography Computed Tomography in the Etiologic Evaluation of Neurodevelopmental Delay in Craniosynostosis Patients. *Arch Craniofac Surg.* 2017 Mar;18(1):21-24. doi: 10.7181/acfs.2017.18.1.21. Epub 2017 Mar 25. PMID: 28913298; PMCID: PMC5556738.
- 601: Kim N, Lee H, Kim JS, Baek JG, Lee CG, Chang SK, Koom WS. Clinical outcomes of multileaf collimator-based CyberKnife for spine stereotactic body radiation therapy. *Br J Radiol.* 2017 Nov;90(1079):20170523. doi: 10.1259/bjr.20170523. Epub 2017 Sep 4. PMID: 28869401; PMCID: PMC5963365.
- 602: Kim J, Park JS, Ham WS. The role of metastasis-directed therapy and local therapy of the primary tumor in the management of oligometastatic prostate cancer. *Investig Clin Urol.* 2017 Sep;58(5):307-316. doi: 10.4111/icu.2017.58.5.307. Epub 2017 Aug 8. PMID: 28868501; PMCID:

PMC5577326.

603: Sim SY, Kim HG, Yoon SH, Choi JW, Cho SM, Choi MS. Reappraisal of Pediatric Diastatic Skull Fractures in the 3-Dimensional CT Era: Clinical Characteristics and Comparison of Diagnostic Accuracy of Simple Skull X-Ray, 2-Dimensional CT, and 3-Dimensional CT. *World Neurosurg*. 2017 Dec;108:399-406. doi: 10.1016/j.wneu.2017.08.107. Epub 2017 Aug 24. PMID: 28844920.

604: Yoon YK, Lee KC, Cho HE, Chae M, Chang JW, Chang WS, Cho SR. Outcomes of intrathecal baclofen therapy in patients with cerebral palsy and acquired brain injury. *Medicine (Baltimore)*. 2017 Aug;96(34):e7472. doi: 10.1097/MD.00000000000007472. PMID: 28834868; PMCID: PMC5571990.

605: Kim JH, Jung HH, Chang JH, Chang JW, Park YG, Chang WS. Predictive Factors of Unfavorable Events After Gamma Knife Radiosurgery for Vestibular Schwannoma. *World Neurosurg*. 2017 Nov;107:175-184. doi: 10.1016/j.wneu.2017.07.139. Epub 2017 Aug 5. PMID: 28826715.

606: Cha YJ, Hong CK, Kim DS, Lee SK, Park HJ, Kim SH. Poorly differentiated chordoma with loss of SMARCB1/INI1 expression in pediatric patients: A report of two cases and review of the literature. *Neuropathology*. 2018 Feb;38(1):47-53. doi: 10.1111/neup.12407. Epub 2017 Aug 15. PMID: 28812319.

607: Roh TH, Sung KS, Kang SG, Moon JH, Kim EH, Kim SH, Chang JH. Effectiveness of navigation-guided cyst aspiration before resection of large cystic brain tumors: a proof of concept for more radical surgery. *Acta Neurochir (Wien)*. 2017 Oct;159(10):1947-1954. doi: 10.1007/s00701-017-3293-y. Epub 2017 Aug 16. PMID: 28812201.

608: Kim M, Jung NY, Park CK, Chang WS, Jung HH, Chang JW. Comparative Evaluation of Magnetic Resonance-Guided Focused Ultrasound Surgery for Essential Tremor. *Stereotact Funct Neurosurg*. 2017;95(4):279-286. doi: 10.1159/000478866. Epub 2017 Aug 16. PMID: 28810261.

609: Lee YJ, Cho JM, Moon JH, Ku CR, Kim J, Kim SH, Lee EJ. Increased miR-338-3p expression correlates with invasiveness of GH-producing pituitary adenomas. *Endocrine*. 2017 Oct;58(1):184-189. doi: 10.1007/s12020-017-1390-6. Epub 2017 Aug 14. PMID: 28808880.

610: Song J, Park JE, Chung J, Lim YC, Shin YS. Treatment strategies of ruptured posterior inferior cerebellar artery aneurysm according to its segment. *Surg Neurol Int*. 2017 Jul 25;8:155. doi: 10.4103/sni.sni_132_16. PMID: 28808604; PMCID: PMC5535566.

611: Lee CK, Yoon DH, Kim KN, Yi S, Shin DA, Kim B, Lee N, Ha Y. Corrigendum to "Characteristics of Cervical Spine Trauma in Patients with Ankylosing Spondylitis and Ossification of the Posterior Longitudinal Ligament" [*World Neurosurgery* 96 (2016) 202-208]. *World Neurosurg*. 2017 Oct;106:1048. doi: 10.1016/j.wneu.2017.06.082. Epub 2017 Aug 10. Erratum for: *World Neurosurg*. 2016 Dec;96:202-208. PMID: 28803733.

612: Lee CH, Chung CK, Jang JS, Kim SM, Chin DK, Lee JK, Yoon SH, Hong JT, Ha Y, Kim CH, Hyun SJ. Effectiveness of deformity-correction surgery for primary degenerative sagittal imbalance: a meta-analysis. *J Neurosurg Spine*. 2017 Nov;27(5):540-551. doi: 10.3171/2017.3.SPINE161134. Epub 2017 Aug 11. PMID: 28799837.

613: Cha YJ, Kim DS, Lee SK, Kang HC, Kim SH. Long-term epilepsy-associated tumor in the amygdala of a 16-year-old boy: report of a rare case having intranuclear filaments. *Brain Tumor Pathol*. 2017 Oct;34(4):172-178. doi: 10.1007/s10014-017-0294-8. Epub 2017 Aug 10. PMID: 28799062.

614: Lee HJ, Kim MJ, Koh SH, Chang WS, Moon IS. Comparing Outcomes Following Salvage

- Microsurgery in Vestibular Schwannoma Patients Failing Gamma-knife Radiosurgery or Microsurgery. *Otol Neurotol*. 2017 Oct;38(9):1339-1344. doi: 10.1097/MAO.0000000000001536. PMID: 28796091.
- 615: Huang X, Wan D, Lin Y, Xue N, Hao J, Ma N, Pei X, Li R, Zhang W. Endothelial Progenitor Cells Correlated with Oxidative Stress after Mild Traumatic Brain Injury. *Yonsei Med J*. 2017 Sep;58(5):1012-1017. doi: 10.3349/ymj.2017.58.5.1012. PMID: 28792147; PMCID: PMC5552628.
- 616: Hong EP, Jeon JP, Kim SE, Yang JS, Choi HJ, Kang SH, Cho YJ. A Novel Association between Lysyl Oxidase Gene Polymorphism and Intracranial Aneurysm in Koreans. *Yonsei Med J*. 2017 Sep;58(5):1006-1011. doi: 10.3349/ymj.2017.58.5.1006. PMID: 28792146; PMCID: PMC5552627.
- 617: Yoon DH, Bin SI, Chan SK, Chung CK, In Y, Kim H, Lichauco JJ, Mok CC, Moon YW, Ng TK, Penserga EG, Shin DA, You D, Moon H. Effectiveness and tolerability of transdermal buprenorphine patches: a multicenter, prospective, open-label study in Asian patients with moderate to severe chronic musculoskeletal pain. *BMC Musculoskelet Disord*. 2017 Aug 4;18(1):337. doi: 10.1186/s12891-017-1664-4. PMID: 28778219; PMCID: PMC5545039.
- 618: Park HJ, Pae C, Friston K, Jang C, Razi A, Zeidman P, Chang WS, Chang JW. Hierarchical Dynamic Causal Modeling of Resting-State fMRI Reveals Longitudinal Changes in Effective Connectivity in the Motor System after Thalamotomy for Essential Tremor. *Front Neurol*. 2017 Jul 20;8:346. doi: 10.3389/fneur.2017.00346. PMID: 28775707; PMCID: PMC5517411.
- 619: Zhou QG, Liu MY, Lee HW, Ishikawa F, Devkota S, Shen XR, Jin X, Wu HY, Liu Z, Liu X, Jin X, Zhou HH, Ro EJ, Zhang J, Zhang Y, Lin YH, Suh H, Zhu DY. Hippocampal TERT Regulates Spatial Memory Formation through Modulation of Neural Development. *Stem Cell Reports*. 2017 Aug 8;9(2):543-556. doi: 10.1016/j.stemcr.2017.06.014. Epub 2017 Jul 27. PMID: 28757168; PMCID: PMC5550029.
- 620: Fan CD, Fu XY, Zhang ZY, Cao MZ, Sun JY, Yang MF, Fu XT, Zhao SJ, Shao LR, Zhang HF, Yang XY, Sun BL. Selenocysteine induces apoptosis in human glioma cells: evidence for TrxR1-targeted inhibition and signaling crosstalk. *Sci Rep*. 2017 Jul 25;7(1):6465. doi: 10.1038/s41598-017-06979-2. PMID: 28743999; PMCID: PMC5526989.
- 621: Lee SI, Champion A, Huang A, Park E, Garst JH, Jahanforouz N, Espinal M, Siero T, Pollack S, Afridi M, Daneshvar M, Ghias S, Sarrafzadeh M, Lu DC. Identifying predictors for postoperative clinical outcome in lumbar spinal stenosis patients using smart-shoe technology. *J Neuroeng Rehabil*. 2017 Jul 18;14(1):77. doi: 10.1186/s12984-017-0288-0. PMID: 28720144; PMCID: PMC5516369.
- 622: Chung SY, Chang JH, Kim HR, Cho BC, Lee CG, Suh CO. Optimal dose and volume for postoperative radiotherapy in brain oligometastases from lung cancer: a retrospective study. *Radiat Oncol J*. 2017 Jun;35(2):153-162. doi: 10.3857/roj.2017.00094. Epub 2017 Jun 30. PMID: 28712276; PMCID: PMC5518455.
- 623: Hwang JK, Kim KH, Kim JS, Ahn SJ, Kuh SU. Late-Developing Metastatic Malignant Melanoma in the Thoracic Spine Originating from Choroidal Melanoma. *Korean J Spine*. 2017 Jun;14(2):53-56. doi: 10.14245/kjs.2017.14.2.53. Epub 2017 Jun 30. PMID: 28704910; PMCID: PMC5518428.
- 624: Shin DA, Ji GY, Oh CH, Kim KN, Yoon DH, Shin H. Inter- and Intra-Observer Variability of the Volume of Cervical Ossification of the Posterior Longitudinal Ligament Using Medical Image Processing Software. *J Korean Neurosurg Soc*. 2017 Jul;60(4):441-447. doi: 10.3340/jkns.2015.0708.014. Epub 2017 Jul 31. PMID: 28689393; PMCID: PMC5544367.
- 625: Joo B, Han K, Choi YS, Lee SK, Ahn SS, Chang JH, Kang SG, Kim SH, Zhou J. Amide proton transfer imaging for differentiation of benign and atypical meningiomas. *Eur Radiol*. 2018 Jan;28(1):331-339.

doi: 10.1007/s00330-017-4962-1. Epub 2017 Jul 7. PMID: 28687916; PMCID: PMC5746026.

626: Lee CK, Jeon HR, Yoon DH, Kim KN, Yi S, Shin DA, Hosogane N, Cao K, Cho SR, Ha Y. Corrigendum to "Clinical Outcomes of Correcting Cervical Deformity in Cerebral Palsy Patients" [World Neurosurgery 96 (2016) 500-509]. World Neurosurg. 2017 Sep;105:1028. doi: 10.1016/j.wneu.2017.06.083. Epub 2017 Jul 4. Erratum for: World Neurosurg. 2016 Dec;96:500-509. PMID: 28687230.

627: So J, Park H, Sung KS, Lee KS, Hong CK. Sandwich technique using fibrin-coated collagen fleece for sellar reconstruction in large dural defects during transsphenoidal surgery. J Clin Neurosci. 2017 Sep;43:256-260. doi: 10.1016/j.jocn.2017.06.026. Epub 2017 Jul 3. PMID: 28684150.

628: Roh TH, Park HH, Kang SG, Moon JH, Kim EH, Hong CK, Ahn SS, Choi HJ, Cho J, Kim SH, Lee SK, Kim DS, Kim SH, Suh CO, Lee KS, Chang JH. Long-term outcomes of concomitant chemoradiotherapy with temozolomide for newly diagnosed glioblastoma patients: A single-center analysis. Medicine (Baltimore). 2017 Jul;96(27):e7422. doi: 10.1097/MD.00000000000007422. Erratum in: Medicine (Baltimore). 2017 Jul 28;96(30):e7724. PMID: 28682902; PMCID: PMC5502175.

629: Park M, Lee SK, Chang JH, Kang SG, Kim EH, Kim SH, Song MK, Ma BG, Ahn SS. Elderly patients with newly diagnosed glioblastoma: can preoperative imaging descriptors improve the predictive power of a survival model? J Neurooncol. 2017 Sep;134(2):423-431. doi: 10.1007/s11060-017-2544-3. Epub 2017 Jul 3. PMID: 28674975.

630: Kim HJ, Kwon OH, Chang BS, Lee CK, Chun HJ, Yeom JS. Change in pain catastrophizing in patients with lumbar spinal surgery. Spine J. 2018 Jan;18(1):115-121. doi: 10.1016/j.spinee.2017.06.028. Epub 2017 Jun 29. PMID: 28669860.

631: Khuyagbaatar B, Kim K, Park WM, Lee S, Kim YH. Increased stress and strain on the spinal cord due to ossification of the posterior longitudinal ligament in the cervical spine under flexion after laminectomy. Proc Inst Mech Eng H. 2017 Sep;231(9):898-906. doi: 10.1177/0954411917718222. Epub 2017 Jun 29. PMID: 28660796.

632: Hong CK, Shim YS, Sim SY, Joo JY, Kwon MA, Kim YB, Chung J. Post-traumatic headache in patients with minimal traumatic intracranial hemorrhage after traumatic brain injury: a retrospective matched case-control study. J Headache Pain. 2017 Dec;18(1):64. doi: 10.1186/s10194-017-0774-6. Epub 2017 Jun 26. PMID: 28653247; PMCID: PMC5484651.

633: Choi YS, Ahn SS, Lee HJ, Chang JH, Kang SG, Kim EH, Kim SH, Lee SK. The Initial Area Under the Curve Derived from Dynamic Contrast-Enhanced MRI Improves Prognosis Prediction in Glioblastoma with Unmethylated *MGMT* Promoter. AJNR Am J Neuroradiol. 2017 Aug;38(8):1528-1535. doi: 10.3174/ajnr.A5265. Epub 2017 Jun 22. PMID: 28642265.

634: Kim J, Hong CK, Suh SH, Jung WS, Ahn SJ. The added value of the CSF cleft on ADC in distinguishing extra-axial from intra-axial tumors. Clin Imaging. 2017 Sep-Oct;45:81-85. doi: 10.1016/j.clinimag.2017.04.008. Epub 2017 Apr 27. PMID: 28623761.

635: Lim JY, Kim N, Park JC, Yoo SK, Shin DA, Shim KW. Exploring for the optimal structural design for the 3D-printing technology for cranial reconstruction: a biomechanical and histological study comparison of solid vs. porous structure. Childs Nerv Syst. 2017 Sep;33(9):1553-1562. doi: 10.1007/s00381-017-3486-y. Epub 2017 Jun 16. PMID: 28623521.

636: Kim M, Kim CH, Jung HH, Kim SJ, Chang JW. Treatment of Major Depressive Disorder via Magnetic Resonance-Guided Focused Ultrasound Surgery. Biol Psychiatry. 2018 Jan 1;83(1):e17-e18. doi:

10.1016/j.biopsych.2017.05.008. Epub 2017 May 12. PMID: 28601192.

637: Lee J, Kim DS, Han JW, Suh CO. Atypical teratoid/rhabdoid tumors in children treated with multimodal therapies: The necessity of upfront radiotherapy after surgery. *Pediatr Blood Cancer*. 2017 Dec;64(12). doi: 10.1002/pbc.26663. Epub 2017 Jun 9. PMID: 28598565.

638: Matsuda Y, Chung J, Lopes DK. Analysis of neointima development in flow diverters using optical coherence tomography imaging. *J Neurointerv Surg*. 2018 Feb;10(2):162-167. doi: 10.1136/neurintsurg-2016-012969. Epub 2017 Jun 7. PMID: 28592484; PMCID: PMC5800337.

639: Yoo S, Ryu D, Choi HJ, Kuh SU, Chin DK, Kim KS, Cho YE. Ossification foci act as stabilizers in continuous-type ossification of the posterior longitudinal ligament: a comparative study between laminectomy and laminoplasty. *Acta Neurochir (Wien)*. 2017 Sep;159(9):1783-1790. doi: 10.1007/s00701-017-3233-x. Epub 2017 Jun 6. PMID: 28589467.

640: Bae S, Ahn SS, Chang JH, Kim SH. Intra-Suprasellar Schwannoma Presumably Originating from the Internal Carotid Artery Wall : Case Report and Review of the Literature. *Clin Neuroradiol*. 2018 Mar;28(1):127-135. doi: 10.1007/s00062-017-0601-0. Epub 2017 Jun 2. PMID: 28577042.

641: Choi JC, Park YH, Park SK, Lee JS, Kim J, Choi JI, Yoon KB, Lee S, Lim DE, Choi JY, Kim MH, Park G, Choi SS, Lee JM. Testosterone effects on pain and brain activation patterns. *Acta Anaesthesiol Scand*. 2017 Jul;61(6):668-675. doi: 10.1111/aas.12908. PMID: 28573655.

642: Yeo IS, Yoon DH. Allen (Horace N. Allen, 1858-1932). *Yonsei Med J*. 2017 Jul;58(4):685-688. doi: 10.3349/ymj.2017.58.4.685. PMID: 28540978; PMCID: PMC5447096.

643: Koo B, Koh CS, Park HY, Lee HG, Chang JW, Choi S, Shin HC. Manipulation of Rat Movement via Nigrostriatal Stimulation Controlled by Human Visually Evoked Potentials. *Sci Rep*. 2017 May 24;7(1):2340. doi: 10.1038/s41598-017-02521-6. Erratum in: *Sci Rep*. 2017 Dec 19;7(1):18107. PMID: 28539609; PMCID: PMC5443769.

644: Park CK, Jung NY, Kim M, Chang JW. Analysis of Delayed Intracerebral Hemorrhage Associated with Deep Brain Stimulation Surgery. *World Neurosurg*. 2017 Aug;104:537-544. doi: 10.1016/j.wneu.2017.05.075. Epub 2017 May 20. PMID: 28536064.

645: Jung HH, Park CK, Jung NY, Kim M, Chang WS, Chang JW. Gamma Knife Radiosurgery for Idiopathic Trigeminal Neuralgia: Does the Status of Offending Vessels Influence Pain Control or Side Effects? *World Neurosurg*. 2017 Aug;104:687-693. doi: 10.1016/j.wneu.2017.05.058. Epub 2017 May 19. PMID: 28532912.

646: Ji GY, Oh CH, Shin DA, Ha Y, Yi S, Kim KN, Shin HC, Yoon DH. Artificial Disk Replacement Combined With Fusion Versus 2-Level Fusion in Cervical 2-Level Disk Disease With a 5-Year Follow-up. *Clin Spine Surg*. 2017 Jun;30(5):E620-E627. doi: 10.1097/BSD.0000000000000316. PMID: 28525488.

647: Yoo J, Oh JW, Jang CG, Moon JH, Kim EH, Chang JH, Kim SH, Kang SG. Spontaneous Acute Subdural Hemorrhage in a Patient with a Tick Borne Bunyavirus- Induced Severe Fever with Thrombocytopenia Syndrome. *Korean J Neurotrauma*. 2017 Apr;13(1):57-60. doi: 10.13004/kjnt.2017.13.1.57. Epub 2017 Apr 30. PMID: 28512621; PMCID: PMC5432452.

648: Cho H, Kim SH, Kim SJ, Chang JH, Yang WI, Suh CO, Cheong JW, Kim YR, Lee JY, Jang JE, Kim Y, Min YH, Kim JS. The prognostic role of CD68 and FoxP3 expression in patients with primary central nervous system lymphoma. *Ann Hematol*. 2017 Jul;96(7):1163-1173. doi: 10.1007/s00277-017-3014-x. Epub 2017 May 15. PMID: 28508176.

649: Rhee EJ, Ryu S, Lee JY, Lee SH, Cheong E, Park SE, Park CY, Won YS, Kim JM, Cho DS, Chung HK, Sung KC. The association between dietary cholesterol intake and subclinical atherosclerosis in Korean adults: The Kangbuk Samsung Health Study. *J Clin Lipidol*. 2017 Mar-Apr;11(2):432-441.e3. doi: 10.1016/j.jacl.2017.01.021. Epub 2017 Feb 10. PMID: 28502500.

650: Shim KW, Park EK, Kim DS, Choi JU. Neuroendoscopy: Current and Future Perspectives. *J Korean Neurosurg Soc*. 2017 May;60(3):322-326. doi: 10.3340/jkns.2017.0202.006. Epub 2017 May 1. PMID: 28490159; PMCID: PMC5426450.

651: Shim KW, Park EK, Kim DS. Endoscopic Treatment of Hypothalamic Hamartomas. *J Korean Neurosurg Soc*. 2017 May;60(3):294-300. doi: 10.3340/jkns.2017.0101.005. Epub 2017 May 1. PMID: 28490155; PMCID: PMC5426443.

652: Schreglmann SR, Krauss JK, Chang JW, Bhatia KP, Kägi G. Functional lesional neurosurgery for tremor-a protocol for a systematic review and meta-analysis. *BMJ Open*. 2017 May 9;7(5):e015409. doi: 10.1136/bmjopen-2016-015409. PMID: 28487460; PMCID: PMC5623440.

653: Lee JY, Kim TW, Kim HT, Lee MY, Min HW, Won YS, Kwon HS, Park KH, Kim JM; Epidemiologic Survey Committee of the Korean Ophthalmological Society. Relationship between anthropometric parameters and open angle glaucoma: The Korea National Health and Nutrition Examination Survey. *PLoS One*. 2017 May 8;12(5):e0176894. doi: 10.1371/journal.pone.0176894. PMID: 28481907; PMCID: PMC5421756.

654: Kim MJ, Lee SR, Lee MY, Sohn JW, Yun HG, Choi JY, Jeon SW, Suh TS. Characterization of 3D printing techniques: Toward patient specific quality assurance spine-shaped phantom for stereotactic body radiation therapy. *PLoS One*. 2017 May 4;12(5):e0176227. doi: 10.1371/journal.pone.0176227. PMID: 28472175; PMCID: PMC5417437.

655: Lee H, Park J, Tran Q, Kim D, Hong Y, Cho H, Kwon SH, Brazil D, Kim SH, Park J. Mitochondrial transcription factor A (TFAM) is upregulated in glioma. *Mol Med Rep*. 2017 Jun;15(6):3781-3786. doi: 10.3892/mmr.2017.6467. Epub 2017 Apr 12. PMID: 28440425.

656: Wu C, Huang Z, Pan Z, Luo J, Li Z, Zhong J, Chen Y, Han Z, Abumi K, Ha Y, Cao K. Coronal Multiplane Reconstructed Computed Tomography Image Determining Lateral Vertebral Notch-Referred Pedicle Screw Entry Point in Subaxial Cervical Spine: A Preclinical Study. *World Neurosurg*. 2017 Jul;103:322-329. doi: 10.1016/j.wneu.2017.04.054. Epub 2017 Apr 19. PMID: 28434954.

657: Hong CK, Joo JY, Shim YS, Sim SY, Kwon MA, Kim YB, Chung J. The course of headache in patients with moderate-to-severe headache due to mild traumatic brain injury: a retrospective cross-sectional study. *J Headache Pain*. 2017 Dec;18(1):48. doi: 10.1186/s10194-017-0755-9. Epub 2017 Apr 20. PMID: 28429236; PMCID: PMC5398969.

658: Lee CJ, Kim BK, Yoon KB, Lee HY, Dominiczak AF, Touyz RM, Jennings GLR, Cho EJ, Hering D, Park S. Case of Refractory Hypertension Controlled by Repeated Renal Denervation and Celiac Plexus Block: A Case of Refractory Sympathetic Overload. *Hypertension*. 2017 Jun;69(6):978-984. doi: 10.1161/HYPERTENSIONAHA.117.09260. Epub 2017 Apr 17. PMID: 28416585.

659: Noh SH, Zhang HY, Lim HS, Song HJ, Yang KH. Decompression alone versus fusion for pyogenic spondylodiscitis. *Spine J*. 2017 Aug;17(8):1120-1126. doi: 10.1016/j.spinee.2017.04.015. Epub 2017 Apr 13. PMID: 28414168.

660: Lee KH, Kim UJ, Park SW, Park YG, Lee BH. Optical Imaging of the Motor Cortex Following Antidromic Activation of the Corticospinal Tract after Spinal Cord Injury. *Front Neurosci*. 2017 Mar

29;11:166. doi: 10.3389/fnins.2017.00166. PMID: 28405184; PMCID: PMC5370382.

661: Cho KC, Kim JJ, Hong CK, Joo JY, Kim YB. Perimesencephalic Nonaneurysmal Subarachnoid Hemorrhage After Clipping of an Unruptured Aneurysm. *World Neurosurg.* 2017 Jun;102:694.e15-694.e19. doi: 10.1016/j.wneu.2017.03.134. Epub 2017 Apr 5. PMID: 28391019.

662: Choi SE, Cha YJ, Kim J, Cha H, Seo J, Kuh SU, Kim SJ, Kim SH. A Rare Case of Aggressive Melanotic Schwannoma Occurred in Spinal Nerve of a 59-Year-Old Male. *J Pathol Transl Med.* 2017 Sep;51(5):505-508. doi: 10.4132/jptm.2017.01.04. Epub 2017 Apr 4. PMID: 28372342; PMCID: PMC5611526.

663: Okada H, Matsuda Y, Chung J, Webster Crowley R, Lopes DK. Editorial: Perspective in current neuroprotection strategies. *Neurosurg Focus.* 2017 Apr;42(4):E5. doi: 10.3171/2017.1.FOCUS1728. PMID: 28366072.

664: Okada H, Matsuda Y, Chung J, Crowley RW, Lopes DK. Utility of a Y-configured stentriever technique as a rescue method of thrombectomy for an intractable rooted thrombus located on the middle cerebral artery bifurcation: technical note. *Neurosurg Focus.* 2017 Apr;42(4):E17. doi: 10.3171/2017.1.FOCUS16511. PMID: 28366064.

665: Matsuda Y, Okada H, Chung J, Webster Crowley R, Lopes DK. Novel balloon- and-aspiration method for cerebral venous sinus thrombosis: dental-floss technique. *Neurosurg Focus.* 2017 Apr;42(4):E19. doi: 10.3171/2017.1.FOCUS16519. PMID: 28366060.

666: Soh S, Shim JK, Ha Y, Kim YS, Lee H, Kwak YL. Ventilation With High or Low Tidal Volume With PEEP Does Not Influence Lung Function After Spinal Surgery in Prone Position: A Randomized Controlled Trial. *J Neurosurg Anesthesiol.* 2018 Jul;30(3):237-245. doi: 10.1097/ANA.0000000000000428. PMID: 28338504.

667: Lee WJ, Byun JS, Kim JK, Nam TK. Quantitative Computed Tomographic Volumetry after Treatment of a Giant Intracranial Aneurysm with a Pipeline Embolization Device. *Yonsei Med J.* 2017 May;58(3):668-671. doi: 10.3349/ymj.2017.58.3.668. PMID: 28332378; PMCID: PMC5368158.

668: Kang YS, Park EK, Kim YO, Kim JS, Kim DS, Thomale UW, Shim KW. Altered cerebrospinal fluid dynamics in neurofibromatosis type I: severe arachnoid thickening in patients with neurofibromatosis type 1 may cause abnormal CSF dynamic. *Childs Nerv Syst.* 2017 May;33(5):767-775. doi: 10.1007/s00381-017-3370-9. Epub 2017 Mar 22. PMID: 28332154.

669: Ryu CW, Shin HS, Park S, Suh SH, Koh JS, Choi HY. Alberta Stroke Program Early CT Score in the Prognostication after Endovascular Treatment for Ischemic Stroke: A Meta-analysis. *Neurointervention.* 2017 Mar;12(1):20-30. doi: 10.5469/neuroint.2017.12.1.20. Epub 2017 Mar 6. PMID: 28316866; PMCID: PMC5355457.

670: Wee CW, Kim E, Kim N, Kim IA, Kim TM, Kim YJ, Park CK, Kim JW, Kim CY, Choi SH, Kim JH, Park SH, Choe G, Lee ST, Chang JH, Kim SH, Suh CO, Kim IH. Novel recursive partitioning analysis classification for newly diagnosed glioblastoma: A multi-institutional study highlighting the MGMT promoter methylation and IDH1 gene mutation status. *Radiother Oncol.* 2017 Apr;123(1):106-111. doi: 10.1016/j.radonc.2017.02.014. Epub 2017 Mar 13. PMID: 28302331.

671: Kang MS, Kim KH, Park JY, Kuh SU, Chin DK, Jin BH, Kim KS, Cho YE. Management of Esophageal and Pharyngeal Perforation as Complications of Anterior Cervical Spine Surgery. *World Neurosurg.* 2017 Jun;102:275-283. doi: 10.1016/j.wneu.2017.02.130. Epub 2017 Mar 9. PMID: 28286279.

672: Pan Z, Luo J, Yu L, Chen Y, Zhong J, Li Z, Zeng Z, Duan P, Ha Y, Cao K. Débridement and Reconstruction Improve Postoperative Sagittal Alignment in Kyphotic Cervical Spinal Tuberculosis. *Clin Orthop Relat Res*. 2017 Aug;475(8):2084-2091. doi: 10.1007/s11999-017-5306-9. Epub 2017 Mar 6. PMID: 28265884; PMCID: PMC5498376.

673: Jeong DU, Lee J, Chang WS, Chang JW. Identifying the appropriate time for deep brain stimulation to achieve spatial memory improvement on the Morris water maze. *BMC Neurosci*. 2017 Mar 7;18(1):29. doi: 10.1186/s12868-017-0345-4. PMID: 28264667; PMCID: PMC5340020.

674: Lee CH, Chung CK, Jang JS, Kim SM, Chin DK, Lee JK. 'Lumbar Degenerative Kyphosis' Is Not Byword for Degenerative Sagittal Imbalance: Time to Replace a Misconception. *J Korean Neurosurg Soc*. 2017 Mar;60(2):125-129. doi: 10.3340/jkns.2016.0607.001. Epub 2017 Mar 1. PMID: 28264231; PMCID: PMC5365292.

675: Cho KC, Kim YB, Suh SH, Joo JY, Hong CK. Multidisciplinary management for the treatment of proximal posterior inferior cerebellar artery aneurysms. *Neurol Res*. 2017 May;39(5):403-413. doi: 10.1080/01616412.2017.1298691. Epub 2017 Mar 3. PMID: 28256168.

676: Kang KC, Suk KS, Kim HS, Moon SH, Lee HM, Seo JH, Kim SM, Jin SY, Mella P. Preoperative Risk Factors of C5 Nerve Root Palsy After Laminectomy and Fusion in Patients With Cervical Myelopathy: Analysis of 70 Consecutive Patients. *Clin Spine Surg*. 2017 Nov;30(9):419-424. doi: 10.1097/BSD.0000000000000505. PMID: 28225364.

677: Lim JS, Gopalappa R, Kim SH, Ramakrishna S, Lee M, Kim WI, Kim J, Park SM, Lee J, Oh JH, Kim HD, Park CH, Lee JS, Kim S, Kim DS, Han JM, Kang HC, Kim HH, Lee JH. Somatic Mutations in TSC1 and TSC2 Cause Focal Cortical Dysplasia. *Am J Hum Genet*. 2017 Mar 2;100(3):454-472. doi: 10.1016/j.ajhg.2017.01.030. Epub 2017 Feb 16. PMID: 28215400; PMCID: PMC5339289.

678: Lee CK, Kim Y, Lee N, Kim B, Kim D, Yi S. Feasibility Study of Utilization of Action Camera, GoPro Hero 4, Google Glass, and Panasonic HX-A100 in Spine Surgery. *Spine (Phila Pa 1976)*. 2017 Feb 15;42(4):275-280. doi: 10.1097/BRS.0000000000001719. PMID: 28207670.

679: Diebo BG, Gammal I, Ha Y, Yoon SH, Chang JW, Kim B, Matsumoto M, Yamato Y, Takeuchi D, Hosogane N, Yagi M, Taneichi H, Schwab F, Lafage V, Ames C; International Spine Study Group (ISSG). Role of Ethnicity in Alignment Compensation: Propensity Matched Analysis of Differential Compensatory Mechanism Recruitment Patterns for Sagittal Malalignment in 288 ASD Patients From Japan, Korea, and United States. *Spine (Phila Pa 1976)*. 2017 Feb 15;42(4):E234-E240. doi: 10.1097/BRS.0000000000001744. PMID: 28207663.

680: Lee N, Kim KN, Yi S, Ha Y, Shin DA, Yoon DH, Kim KS. Comparison of Outcomes of Anterior, Posterior, and Transforaminal Lumbar Interbody Fusion Surgery at a Single Lumbar Level with Degenerative Spinal Disease. *World Neurosurg*. 2017 May;101:216-226. doi: 10.1016/j.wneu.2017.01.114. Epub 2017 Feb 9. PMID: 28189865.

681: Choi SH, Kim JW, Chang JS, Cho JH, Kim SH, Chang JH, Suh CO. Impact of Including Peritumoral Edema in Radiotherapy Target Volume on Patterns of Failure in Glioblastoma following Temozolomide-based Chemoradiotherapy. *Sci Rep*. 2017 Feb 8;7:42148. doi: 10.1038/srep42148. PMID: 28176884; PMCID: PMC5296913.

682: Park J, Lee H, Tran Q, Mun K, Kim D, Hong Y, Kwon SH, Brazil D, Park J, Kim SH. Recognition of Transmembrane Protein 39A as a Tumor-Specific Marker in Brain Tumor. *Toxicol Res*. 2017 Jan;33(1):63-69. doi: 10.5487/TR.2017.33.1.063. Epub 2017 Jan 15. PMID: 28133515; PMCID: PMC5266369.

- 683: Lee JK, Rho YJ, Jeong DM, Rhim SC, Kim SJ. Diagnostic Clue of Meningeal Melanocytoma: Case Report and Review of Literature. *Yonsei Med J.* 2017 Mar;58(2):467-470. doi: 10.3349/ymj.2017.58.2.467. PMID: 28120582; PMCID: PMC5290031.
- 684: Kim D, Lim JY, Shim KW, Han JW, Yi S, Yoon DH, Kim KN, Ha Y, Ji GY, Shin DA. Sacral Reconstruction with a 3D-Printed Implant after Hemisacrectomy in a Patient with Sacral Osteosarcoma: 1-Year Follow-Up Result. *Yonsei Med J.* 2017 Mar;58(2):453-457. doi: 10.3349/ymj.2017.58.2.453. PMID: 28120579; PMCID: PMC5290028.
- 685: Park YS, Nam TK. Retrograde Suction Decompression with an Inahara Carotid Shunt for Clipping a Large Distal Internal Carotid Artery Aneurysm. *Yonsei Med J.* 2017 Mar;58(2):449-452. doi: 10.3349/ymj.2017.58.2.449. PMID: 28120578; PMCID: PMC5290027.
- 686: Kim KH, Park JY, Park HS, Kim KS, Chin DK, Cho YE, Kuh SU. The Influences of Different Ratios of Biphasic Calcium Phosphate and Collagen Augmentation on Posterior Lumbar Spinal Fusion in Rat Model. *Yonsei Med J.* 2017 Mar;58(2):407-414. doi: 10.3349/ymj.2017.58.2.407. PMID: 28120573; PMCID: PMC5290022.
- 687: Chang WS, Chang JW. Focused ultrasound treatment for central nervous system disease: neurosurgeon's perspectives. *Biomed Eng Lett.* 2017 Jan 25;7(2):107-114. doi: 10.1007/s13534-017-0013-8. PMID: 30603157; PMCID: PMC6208469.
- 688: Choi YS, Ahn SS, Lee SK, Chang JH, Kang SG, Kim SH, Zhou J. Amide proton transfer imaging to discriminate between low- and high-grade gliomas: added value to apparent diffusion coefficient and relative cerebral blood volume. *Eur Radiol.* 2017 Aug;27(8):3181-3189. doi: 10.1007/s00330-017-4732-0. Epub 2017 Jan 23. PMID: 28116517; PMCID: PMC5746027.
- 689: Lee JY, Kim JM, Kim IT, Yoo CK, Won YS, Kim JH, Kwon HS, Park KH. Relationship between Plasma Homocysteine Level and Glaucomatous Retinal Nerve Fiber Layer Defect. *Curr Eye Res.* 2017 Jun;42(6):918-923. doi: 10.1080/02713683.2016.1257728. Epub 2017 Jan 17. PMID: 28094585.
- 690: Jeon BH, Kim J, Kim G, Park S, Kim S, Cheong HK. Estimation of the size of the iatrogenic Creutzfeldt-Jakob disease outbreak associated with cadaveric dura mater grafts in Korea. *Epidemiol Health.* 2016;38:e2016059. doi: 10.4178/epih.e2016059. Epub 2016 Dec 19. PMID: 28092933.
- 691: Na YC, Jung HH, Kim HR, Cho BC, Chang JW, Park YG, Chang WS. Predictive factors of early distant brain failure after gamma knife radiosurgery alone in patients with brain metastases of non-small-cell lung cancer. *J Neurooncol.* 2017 Apr;132(2):333-340. doi: 10.1007/s11060-017-2373-4. Epub 2017 Jan 10. PMID: 28074321.
- 692: Lee MC, Shim KW, Yun IS, Park EK, Kim YO. Correction of Sagittal Craniosynostosis Using Distraction Osteogenesis Based on Strategic Categorization. *Plast Reconstr Surg.* 2017 Jan;139(1):157-169. doi: 10.1097/PRS.0000000000002899. PMID: 28027243.
- 693: Shin HS, Kim JA, Kim DS, Lee JS. Type I Chiari malformation presenting orthostatic syncope who treated with decompressive surgery. *Korean J Pediatr.* 2016 Nov;59(Suppl 1):S149-S151. doi: 10.3345/kjp.2016.59.11.S149. Epub 2016 Nov 30. PMID: 28018469; PMCID: PMC5177700.
- 694: Chung SS, Park CK, Cho KJ, Choi KH, Kim JH, Kim SB, Kuh SU, Lee JC, Lee JH, Lee KY, Lee SH, Moon SH, Park SY, Shim JH, Son BC, Yoon MH, Park HJ. A Nationwide Retrospective Study of Opioid Management Patterns in 2,468 Patients with Spinal Pain in Korea. *Asian Spine J.* 2016 Dec;10(6):1122-1131. doi: 10.4184/asj.2016.10.6.1122. Epub 2016 Dec 8. PMID: 27994790; PMCID: PMC5165004.

- 695: Han IB, Kim M, Lee SH, Kim JK, Kim SH, Chang JH, Teng YD. Down-regulation of MicroRNA-126 in Glioblastoma and its Correlation with Patient Prognosis: A Pilot Study. *Anticancer Res.* 2016 Dec;36(12):6691-6697. doi: 10.21873/anticancer.11280. PMID: 27920004.
- 696: Woo J, Lee M, Seo JM, Park HS, Cho YE. Optimization of the optical transparency of rodent tissues by modified PACT-based passive clearing. *Exp Mol Med.* 2016 Dec 2;48(12):e274. doi: 10.1038/emm.2016.105. PMID: 27909337; PMCID: PMC5192069.
- 697: Jang S, Lee JH, Sohn BK, Kim E, Park SG, Yoon KJ, Park M, Kim EW, Jeong J, Lee JY, Kim CH, Namkoong K. Suppression of AIMP1 protects cognition in Alzheimer's disease model mice 3xTg-AD. *Neuroreport.* 2017 Jan 18;28(2):82-86. doi: 10.1097/WNR.0000000000000710. PMID: 27906773.
- 698: Lim EJ, Suh Y, Yoo KC, Lee JH, Kim IG, Kim MJ, Chang JH, Kang SG, Lee SJ. Tumor-associated mesenchymal stem-like cells provide extracellular signaling cue for invasiveness of glioblastoma cells. *Oncotarget.* 2017 Jan 3;8(1):1438-1448. doi: 10.18632/oncotarget.13638. PMID: 27903965; PMCID: PMC5352067.
- 699: Park SC, Lee JK, Kim CH, Hong JP, Lee DH. Gamma-knife subcaudate tractotomy for treatment-resistant depression and target characteristics: a case report and review. *Acta Neurochir (Wien).* 2017 Jan;159(1):113-120. doi: 10.1007/s00701-016-3001-3. Epub 2016 Nov 29. PMID: 27900544.
- 700: Nam TK, Park YS, Byun JS, Park SW, Kwon JT. Use of Three-Dimensional Curved-Multiplanar Reconstruction Images for Sylvian Dissection in Microsurgery of Middle Cerebral Artery Aneurysms. *Yonsei Med J.* 2017 Jan;58(1):241-247. doi: 10.3349/ymj.2017.58.1.241. PMID: 27873519; PMCID: PMC5122643.
- 701: Han HJ, Chang WS, Jung HH, Park YG, Kim HY, Chang JH. Optimal Treatment Decision for Brain Metastases of Unknown Primary Origin: The Role and Timing of Radiosurgery. *Brain Tumor Res Treat.* 2016 Oct;4(2):107-110. doi: 10.14791/btrt.2016.4.2.107. Epub 2016 Oct 31. PMID: 27867920; PMCID: PMC5114180.
- 702: Han HJ, Jung JH, Hong CK, Kim YB. The Neck and Posterior Fossa Combined Penetrating Injury: A Case Report. *Korean J Neurotrauma.* 2016 Oct;12(2):175-179. doi: 10.13004/kjnt.2016.12.2.175. Epub 2016 Oct 31. PMID: 27857932; PMCID: PMC5110913.
- 703: Jeong YH, Kim SH, Choi EH, Whang K. Biomarkers of Physiological Disturbances for Predicting Mortality in Decompressive Craniectomy. *Korean J Neurotrauma.* 2016 Oct;12(2):77-83. doi: 10.13004/kjnt.2016.12.2.77. Epub 2016 Oct 31. PMID: 27857912; PMCID: PMC5110923.
- 704: Jeong YH, Oh JW, Cho S; Korean Trauma Data Bank System Committee. Clinical Outcome of Acute Epidural Hematoma in Korea: Preliminary Report of 285 Cases Registered in the Korean Trauma Data Bank System. *Korean J Neurotrauma.* 2016 Oct;12(2):47-54. doi: 10.13004/kjnt.2016.12.2.47. Epub 2016 Oct 31. PMID: 27857907; PMCID: PMC5110918.
- 705: Jeong YH, Kim JY, Koo YM, Choi JW, Whang K, Hu C, Cho SM. Endovascular Treatment of Giant Serpentine Aneurysm of the Middle Cerebral Artery. *J Cerebrovasc Endovasc Neurosurg.* 2016 Sep;18(3):264-270. doi: 10.7461/jcen.2016.18.3.264. Epub 2016 Sep 30. PMID: 27847772; PMCID: PMC5104853.
- 706: Lee W, Shin YS, Kim KH, Kim YB, Hong CK, Chung J. Preliminary Experience with Vascular Plugs for Parent Artery Occlusion of the Carotid or Vertebral Arteries. *J Cerebrovasc Endovasc Neurosurg.* 2016 Sep;18(3):208-214. doi: 10.7461/jcen.2016.18.3.208. Epub 2016 Sep 30. PMID: 27847763; PMCID: PMC5104844.

- 707: Jung HH, Shin J, Kim J, Ahn SH, Lee SE, Koh CS, Cho JS, Kong C, Shin HC, Kim SJ, Chang JW. Rostral Agranular Insular Cortex Lesion with Motor Cortex Stimulation Enhances Pain Modulation Effect on Neuropathic Pain Model. *Neural Plast.* 2016;2016:3898924. doi: 10.1155/2016/3898924. Epub 2016 Oct 19. PMID: 27833762; PMCID: PMC5090091.
- 708: Park KY, Kim BM, Kim DJ. Preoperative Coiling of Coexisting Intracranial Aneurysm and Subsequent Brain Tumor Surgery. *Korean J Radiol.* 2016 Nov- Dec;17(6):931-939. doi: 10.3348/kjr.2016.17.6.931. Epub 2016 Oct 31. PMID: 27833409; PMCID: PMC5102921.
- 709: Jang C, Park HJ, Chang WS, Pae C, Chang JW. Immediate and Longitudinal Alterations of Functional Networks after Thalamotomy in Essential Tremor. *Front Neurol.* 2016 Oct 24;7:184. doi: 10.3389/fneur.2016.00184. PMID: 27822200; PMCID: PMC5076435.
- 710: Won YH, Lee MY, Choi YC, Ha Y, Kim H, Kim DY, Kim MS, Yu JH, Seo JH, Kim M, Cho SR, Kang SW. Elucidation of Relevant Neuroinflammation Mechanisms Using Gene Expression Profiling in Patients with Amyotrophic Lateral Sclerosis. *PLoS One.* 2016 Nov 3;11(11):e0165290. doi: 10.1371/journal.pone.0165290. PMID: 27812125; PMCID: PMC5094695.
- 711: Ha B, Chung SY, Kim YJ, Gwak HS, Chang JH, Lee SH, Park IH, Lee KS, Lee S, Kim TH, Kim DY, Kang SG, Suh CO. Effects of Postoperative Radiotherapy on Leptomeningeal Carcinomatosis or Dural Metastasis after Resection of Brain Metastases in Breast Cancer Patients. *Cancer Res Treat.* 2017 Jul;49(3):748-758. doi: 10.4143/crt.2016.303. Epub 2016 Oct 31. PMID: 27809457; PMCID: PMC5512361.
- 712: Yoon S, Park H, Lee KS, Park SW, Hong CK. Single-Stage Operation for Giant Schwannoma at the Craniocervical Junction with Minimal Laminectomy: A Case Report and Literature Review. *Korean J Spine.* 2016 Sep;13(3):173-175. doi: 10.14245/kjs.2016.13.3.173. Epub 2016 Sep 30. PMID: 27800002; PMCID: PMC5086474.
- 713: Choo YS, Chung J, Joo JY, Kim YB, Hong CK. Borderline basal ganglia hemorrhage volume: patient selection for good clinical outcome after stereotactic catheter drainage. *J Neurosurg.* 2016 Nov;125(5):1242-1248. doi: 10.3171/2015.10.JNS151643. Epub 2016 Feb 12. PMID: 26871205.
- 714: Lee D, Ahn SJ, Cho ES, Kim YB, Song SW, Jung WS, Suh SH. High prevalence of intracranial aneurysms in patients with aortic dissection or aneurysm: feasibility of extended aorta CT angiography with involvement of intracranial arteries. *J Neurointerv Surg.* 2017 Oct;9(10):1017-1021. doi: 10.1136/neurintsurg-2016-012619. Epub 2016 Sep 8. PMID: 27609114.
- 715: Lee W, Choo YS, Kim YB, Chung J. Neurological Deterioration after Decompressive Suboccipital Craniectomy in a Patient with a Brainstem-compressing Thrombosed Giant Aneurysm of the Vertebral Artery. *J Cerebrovasc Endovasc Neurosurg.* 2016 Jun;18(2):115-119. doi: 10.7461/jcen.2016.18.2.115. Epub 2016 Jun 30. PMID: 27790402; PMCID: PMC5081496.
- 716: Lee W, Shim YS, Chung J. Endovascular Treatment to Stop Life-threatening Bleeding from Branches of the External Carotid Artery in Patients with Traumatic Maxillofacial Fracture. *J Cerebrovasc Endovasc Neurosurg.* 2016 Jun;18(2):83-89. doi: 10.7461/jcen.2016.18.2.83. Epub 2016 Jun 30. PMID: 27790397; PMCID: PMC5081502.
- 717: Ji YB, Oh SJ, Kang SG, Heo J, Kim SH, Choi Y, Song S, Son HY, Kim SH, Lee JH, Haam SJ, Huh YM, Chang JH, Joo C, Suh JS. Terahertz reflectometry imaging for low and high grade gliomas. *Sci Rep.* 2016 Oct 26;6:36040. doi: 10.1038/srep36040. PMID: 27782153; PMCID: PMC5080552.
- 718: Jang J, Park S, Jin Hur H, Cho HJ, Hwang I, Pyo Kang Y, Im I, Lee H, Lee E, Yang W, Kang HC, Won

Kwon S, Yu JW, Kim DW. 25-hydroxycholesterol contributes to cerebral inflammation of X-linked adrenoleukodystrophy through activation of the NLRP3 inflammasome. *Nat Commun.* 2016 Oct 25;7:13129. doi: 10.1038/ncomms13129. PMID: 27779191; PMCID: PMC5093305.

719: Kang JI, Lee H, Jhung K, Kim KR, An SK, Yoon KJ, Kim SI, Namkoong K, Lee E. Frontostriatal Connectivity Changes in Major Depressive Disorder After Repetitive Transcranial Magnetic Stimulation: A Randomized Sham-Controlled Study. *J Clin Psychiatry.* 2016 Sep;77(9):e1137-e1143. doi: 10.4088/JCP.15m10110. PMID: 27379563.

720: Kim JW, Seong J, Lee IJ, Woo JY, Han KH. Phase I dose escalation study of helical intensity-modulated radiotherapy-based stereotactic body radiotherapy for hepatocellular carcinoma. *Oncotarget.* 2016 Jun 28;7(26):40756-40766. doi: 10.18632/oncotarget.9450. PMID: 27213593; PMCID: PMC5130042.

721: Choi WY, Sung KW, Kim YS, Hong JW, Roh TS, Lew DH, Chang JH, Lee KS. Reconstruction for Skull Base Defect Using Fat-Containing Perifascial Areolar Tissue. *Ann Plast Surg.* 2017 Jun;78(6):673-679. doi: 10.1097/SAP.0000000000000909. PMID: 27740957.

722: Jeon I, Jung WS, Suh SH, Chung TS, Cho YE, Ahn SJ. MR imaging features that distinguish spinal cavernous angioma from hemorrhagic ependymoma and serial MRI changes in cavernous angioma. *J Neurooncol.* 2016 Oct;130(1):229-236. doi: 10.1007/s11060-016-2239-1. Epub 2016 Aug 16. PMID: 27531350.

723: Lee J, Kim SW, Kim DW, Shin JY, Choi M, Oh MC, Kim SM, Kim EH, Kim SH, Byeon SH. Predictive model for recovery of visual field after surgery of pituitary adenoma. *J Neurooncol.* 2016 Oct;130(1):155-164. doi: 10.1007/s11060-016-2227-5. Epub 2016 Jul 30. PMID: 27476080.

724: Yoon JA, Kim DY, Sohn MK, Lee J, Lee SG, Lee YS, Han EY, Joo MC, Oh GJ, Han J, Lee SW, Park M, Chang WH, Shin YI, Kim YH. Effect of stress hyperglycemia and intensive rehabilitation therapy in non-diabetic hemorrhagic stroke: Korean Stroke Cohort for Functioning and Rehabilitation. *Eur J Neurol.* 2016 Nov;23(11):1658-1665. doi: 10.1111/ene.13101. Epub 2016 Jul 22. PMID: 27444813.

725: Park MS, Ju YS, Moon SH, Kim TH, Oh JK, Makhni MC, Riew KD. Reoperation Rates After Anterior Cervical Discectomy and Fusion for Cervical Spondylotic Radiculopathy and Myelopathy: A National Population-based Study. *Spine (Phila Pa 1976).* 2016 Oct 15;41(20):1593-1599. doi: 10.1097/BRS.0000000000001590. PMID: 27035582.

726: Hong CK, Shim YS, Lim YC, Shin YS, Park H, Chung J. Three-year follow-up of blood pressure after treating hypertensive patients with symptomatic carotid artery stenosis. *Acta Neurochir (Wien).* 2016 Dec;158(12):2385-2392. doi: 10.1007/s00701-016-2990-2. Epub 2016 Oct 13. PMID: 27738898.

727: Yoo HJ, Kim H, Park HJ, Kim DS, Ra YS, Shin HY. Neurocognitive Function and Health-Related Quality of Life in Pediatric Korean Survivors of Medulloblastoma. *J Korean Med Sci.* 2016 Nov;31(11):1726-1734. doi: 10.3346/jkms.2016.31.11.1726. PMID: 27709849; PMCID: PMC5056203.

728: Sung KS, Shim JK, Lee JH, Kim SH, Park S, Roh TH, Moon JH, Kim EH, Kim SH, Lee SJ, Huh YM, Kang SG, Chang JH. Success of tumorsphere isolation from WHO grade IV gliomas does not correlate with the weight of fresh tumor specimens: an immunohistochemical characterization of tumorsphere differentiation. *Cancer Cell Int.* 2016 Sep 27;16:75. doi: 10.1186/s12935-016-0350-1. PMID: 27708549; PMCID: PMC5037893.

729: Kim HT, Kim JM, Kim JH, Lee JH, Lee MY, Lee JY, Won YS, Park KH, Kwon HS; Korean Ophthalmological Society. Relationships Between Anthropometric Measurements and Intraocular

Pressure: The Korea National Health and Nutrition Examination Survey. *Am J Ophthalmol.* 2017 Jan;173:23-33. doi: 10.1016/j.ajo.2016.09.031. Epub 2016 Oct 1. PMID: 27702621.

730: Kong DS, Nam DH, Kang SH, Lee JW, Chang JH, Kim JH, Lim YJ, Koh YC, Chung YG, Kim JM, Kim CH. Phase III randomized trial of autologous cytokine-induced killer cell immunotherapy for newly diagnosed glioblastoma in Korea. *Oncotarget.* 2017 Jan 24;8(4):7003-7013. doi: 10.18632/oncotarget.12273. PMID: 27690294; PMCID: PMC5351686.

731: Lee D, Liang J, Hur YJ, Kim NY, Kim HD. Spectral characteristics of intracranial electroencephalographic activity in patients with Lennox-Gastaut syndrome. *Brain Dev.* 2017 Feb;39(2):138-144. doi: 10.1016/j.braindev.2016.09.004. Epub 2016 Sep 26. PMID: 27686687.

732: Kim TH, Ha Y, Shin JJ, Cho YE, Lee JH, Cho WH. Signal intensity ratio on magnetic resonance imaging as a prognostic factor in patients with cervical compressive myelopathy. *Medicine (Baltimore).* 2016 Sep;95(39):e4649. doi: 10.1097/MD.0000000000004649. PMID: 27684796; PMCID: PMC5265889.

733: Lee N, Yoon do H, Kim KN, Shin HC, Shin DA, Ha Y. Compression Angle of Ossification of the Posterior Longitudinal Ligament and Its Clinical Significance in Cervical Myelopathy. *J Korean Neurosurg Soc.* 2016 Sep;59(5):471-7. doi: 10.3340/jkns.2016.59.5.471. Epub 2016 Sep 8. PMID: 27651865; PMCID: PMC5028607.

734: Lee CK, Shin DA, Kim HI, Yi S, Ha Y, Kim KN, Yoon DH. Automated Pressure- Controlled Discography in Patients Undergoing Anterior Lumbar Interbody Fusion for Discogenic Back Pain. *World Neurosurg.* 2017 Jan;97:8-15. doi: 10.1016/j.wneu.2016.09.019. Epub 2016 Sep 16. PMID: 27647031.

735: Jin H, Jeon S, Kang GY, Lee HJ, Cho J, Lee YS. Identification of radiation response genes and proteins from mouse pulmonary tissues after high-dose per fraction irradiation of limited lung volumes. *Int J Radiat Biol.* 2017 Feb;93(2):184-193. doi: 10.1080/09553002.2017.1235297. Epub 2016 Oct 25. PMID: 27645719.

736: Kim HY, Hur YJ, Kim HD, Park KM, Kim SE, Hwang TG. Modification of electrophysiological activity pattern after anterior thalamic deep brain stimulation for intractable epilepsy: report of 3 cases. *J Neurosurg.* 2017 Jun;126(6):2028-2035. doi: 10.3171/2016.6.JNS152958. Epub 2016 Sep 16. PMID: 27636181.

737: Park J, Tran Q, Mun K, Masuda K, Kwon SH, Kim SH, Kim DH, Thomas G, Park J. Involvement of S6K1 in mitochondria function and structure in HeLa cells. *Cell Signal.* 2016 Dec;28(12):1904-1915. doi: 10.1016/j.cellsig.2016.09.003. Epub 2016 Sep 12. PMID: 27634387.

738: Park KY, Kim BM, Kim DJ. Comparison Between Balloon-Assisted and Stent- Assisted Technique for Treatment of Unruptured Internal Carotid Artery Aneurysms. *Neurointervention.* 2016 Sep;11(2):99-104. doi: 10.5469/neuroint.2016.11.2.99. Epub 2016 Sep 3. PMID: 27621946; PMCID: PMC5018555.

739: Ihn YK, Kim BS, Byun JS, Suh SH, Won YD, Lee DH, Kim BM, Kim YS, Jeon P, Ryu CW, Suh SI, Choi DS, Choi SS, Choi JW, Chang HW, Lee JW, Kim SH, Lee YJ, Shin SH, Lim SM, Yoon W, Jeong HW, Han MH. Patient Radiation Exposure During Diagnostic and Therapeutic Procedures for Intracranial Aneurysms: A Multicenter Study. *Neurointervention.* 2016 Sep;11(2):78-85. doi: 10.5469/neuroint.2016.11.2.78. Epub 2016 Sep 3. PMID: 27621943; PMCID: PMC5018552.

740: Lee JS, Kim SK, Cha JK, Jung BJ, Choi SB, Choi EY, Kim CS. Novel Technique for Isolating Human Bone Marrow Stem Cells Using Hyaluronic Acid Hydrogel. *Tissue Eng Part C Methods.* 2016

Oct;22(10):941-951. doi: 10.1089/ten.TEC.2016.0214. Epub 2016 Sep 28. PMID: 27609497.

741: Kim MJ, Park SK, Song J, Oh SY, Lim YC, Sim SY, Shin YS, Chung J. Preventive Suboccipital Decompressive Craniectomy for Cerebellar Infarction: A Retrospective-Matched Case-Control Study. *Stroke*. 2016 Oct;47(10):2565-73. doi: 10.1161/STROKEAHA.116.014078. Epub 2016 Sep 8. PMID: 27608818.

742: Lee IS, Leem AY, Lee SH, Rhee Y, Ha Y, Kim YS. Relationship between pulmonary function and bone mineral density in the Korean National Health and Nutrition Examination Survey. *Korean J Intern Med*. 2016 Sep;31(5):899-909. doi: 10.3904/kjim.2015.127. Epub 2016 Sep 1. PMID: 27604798; PMCID: PMC5016283.

743: Lee CK, Yoon DH, Kim KN, Yi S, Shin DA, Kim B, Lee N, Ha Y. Characteristics of Cervical Spine Trauma in Patients with Ankylosing Spondylitis and Ossification of the Posterior Longitudinal Ligament. *World Neurosurg*. 2016 Dec;96:202-208. doi: 10.1016/j.wneu.2016.08.110. Epub 2016 Sep 4. Erratum in: *World Neurosurg*. 2017 Oct;106:1048. PMID: 27601153.

744: Kim MW, Ryu NG, Lim BW, Kim J. Temporal Lobe Retraction Provides Better Surgical Exposure of the Peri-Geniculate Ganglion for Facial Nerve Decompression via Transmastoid Approach. *Yonsei Med J*. 2016 Nov;57(6):1482-7. doi: 10.3349/ymj.2016.57.6.1482. PMID: 27593878; PMCID: PMC5011282.

745: Ryu SJ, Ryu DS, Kim JY, Park JY, Kim KH, Chin DK, Kim KS, Cho YE, Kuh SU. Changes in Bone Metabolism in Young Castrated Male Rats. *Yonsei Med J*. 2016 Nov;57(6):1386-94. doi: 10.3349/ymj.2016.57.6.1386. PMID: 27593866; PMCID: PMC5011270.

746: Lee CK, Jeon HR, Yoon DH, Kim KN, Yi S, Shin DA, Hosogane N, Cao K, Cho SR, Ha Y. Clinical Outcomes of Correcting Cervical Deformity in Cerebral Palsy Patients. *World Neurosurg*. 2016 Dec;96:500-509. doi: 10.1016/j.wneu.2016.08.101. Epub 2016 Sep 1. Erratum in: *World Neurosurg*. 2017 Sep;105:1028. PMID: 27593721.

747: Wilson D, Charidimou A, Ambler G, Fox ZV, Gregoire S, Rayson P, Imaizumi T, Fluri F, Naka H, Horstmann S, Veltkamp R, Rothwell PM, Kwa VI, Thijs V, Lee YS, Kim YD, Huang Y, Wong KS, Jäger HR, Werring DJ. Recurrent stroke risk and cerebral microbleed burden in ischemic stroke and TIA: A meta-analysis. *Neurology*. 2016 Oct 4;87(14):1501-1510. doi: 10.1212/WNL.0000000000003183. Epub 2016 Sep 2. PMID: 27590288; PMCID: PMC5075978.

748: Choi J, Lee JH, Koh I, Shim JK, Park J, Jeon JY, Yun M, Kim SH, Yook JI, Kim EH, Chang JH, Kim SH, Huh YM, Lee SJ, Pollak M, Kim P, Kang SG, Cheong JH. Inhibiting stemness and invasive properties of glioblastoma tumorsphere by combined treatment with temozolomide and a newly designed biguanide (HL156A). *Oncotarget*. 2016 Oct 4;7(40):65643-65659. doi: 10.18632/oncotarget.11595. PMID: 27582539; PMCID: PMC5323181.

749: An J, Lee YW, Park WY, Park S, Park H, Yoo JW, Choi JB. Variations in the distance between the cricoid cartilage and targets of stellate ganglion block in neutral and extended supine positions: an ultrasonographic evaluation. *J Anesth*. 2016 Dec;30(6):999-1002. doi: 10.1007/s00540-016-2236-8. Epub 2016 Aug 30. PMID: 27577324; PMCID: PMC5097099.

750: Kim EH, Lee JH, Oh Y, Koh I, Shim JK, Park J, Choi J, Yun M, Jeon JY, Huh YM, Chang JH, Kim SH, Kim KS, Cheong JH, Kim P, Kang SG. Inhibition of glioblastoma tumorspheres by combined treatment with 2-deoxyglucose and metformin. *Neuro Oncol*. 2017 Feb 1;19(2):197-207. doi: 10.1093/neuonc/now174. PMID: 27571886; PMCID: PMC5464255.

751: Sim SY, Song J, Oh SY, Kim MJ, Lim YC, Park SK, Shin YS, Chung J. Incidence and Characteristics of

Remote Intracerebral Hemorrhage After Endovascular Treatment of Unruptured Intracranial Aneurysms. *World Neurosurg.* 2016 Nov;95:335-340. doi: 10.1016/j.wneu.2016.08.057. Epub 2016 Aug 24. PMID: 27565469.

752: Soh S, Shim JK, Song JW, Kim KN, Noh HY, Kwak YL. Postoperative Delirium in Elderly Patients Undergoing Major Spinal Surgery: Role of Cerebral Oximetry. *J Neurosurg Anesthesiol.* 2017 Oct;29(4):426-432. doi: 10.1097/ANA.0000000000000363. PMID: 27564562.

753: Sharpee TO, Destexhe A, Kawato M, Sekulić V, Skinner FK, Wójcik DK, Chintaluri C, Cserpán D, Somogyvári Z, Kim JK, Kilpatrick ZP, Bennett MR, Josić K, Elices I, Arroyo D, Levi R, Rodriguez FB, Varona P, Hwang E, Kim B, Han HB, Kim T, McKenna JT, Brown RE, McCarley RW, Choi JH, Rankin J, Popp PO, Rinzel J, Tabas A, Rupp A, Balaguer-Ballester E, Maturana MI, Grayden DB, Cloherty SL, Kameneva T, Ibbotson MR, Meffin H, Koren V, Lochmann T, Dragoi V, Obermayer K, Psarrou M, Schilstra M, Davey N, Torben-Nielsen B, Steuber V, Ju H, Yu J, Hines ML, Chen L, Yu Y, Kim J, Leahy W, Shlizerman E, Birgiolas J, Gerkin RC, Crook SM, Viriyopase A, Memmesheimer RM, Gielen S, Dabaghian Y, DeVito J, Perotti L, Kim AJ, Fenk LM, Cheng C, Maimon G, Zhao C, Widmer Y, Sprecher S, Senn W, Halnes G, Mäki-Marttunen T, Keller D, Pettersen KH, Andreassen OA, Einevoll GT, Yamada Y, Steyn-Ross ML, Alistair Steyn-Ross D, Mejias JF, Murray JD, Kennedy H, Wang XJ, Kruscha A, Grewe J, Benda J, Lindner B, Badel L, Ohta K, Tsuchimoto Y, Kazama H, Kahng B, Tam ND, Pollonini L, Zouridakis G, Soh J, Kim D, Yoo M, Palmer SE, Culmone V, Bojak I, Ferrario A, Merrison-Hort R, Borisjuk R, Kim CS, Tezuka T, Joo P, Rho YA, Burton SD, Bard Ermentrout G, Jeong J, Urban NN, Marsalek P, Kim HH, Moon SH, Lee DW, Lee SB, Lee JY, Molkov YI, Hamade K, Teka W, Barnett WH, Kim T, Markin S, Rybak IA, Forro C, Dermutz H, Demkó L, Vörös J, Babichev A, Huang H, Verduzco-Flores S, Dos Santos F, Andras P, Metzner C, Schweikard A, Zurowski B, Roach JP, Sander LM, Zochowski MR, Skilling QM, Ognjanovski N, Aton SJ, Zochowski M, Wang SJ, Ouyang G, Guang J, Zhang M, Michael Wong KY, Zhou C, Robinson PA, Sanz-Leon P, Drysdale PM, Fung F, Abeyasuriya RG, Rennie CJ, Zhao X, Choe Y, Yang HF, Mi Y, Lin X, Wu S, Liedtke J, Schottdorf M, Wolf F, Yamamura Y, Wickens JR, Rumbell T, Ramsey J, Reyes A, Draguljić D, Hof PR, Luebke J, Weaver CM, He H, Yang X, Ma H, Xu Z, Wang Y, Baek K, Morris LS, Kundu P, Voon V, Agnes EJ, Vogels TP, Podlaski WF, Giese M, Kuravi P, Vogels R, Seeholzer A, Podlaski W, Ranjan R, Vogels T, Torres JJ, Baroni F, Latorre R, Gips B, Lowet E, Roberts MJ, de Weerd P, Jensen O, van der Eerden J, Goodarzinick A, Nirya MD, Valizadeh A, Pariz A, Parsi SS, Warburton JM, Marucci L, Tamagnini F, Brown J, Tsaneva-Atanasova K, Kleberg FI, Triesch J, Moezzi B, Iannella N, Schaworonkow N, Plogmacher L, Goldsworthy MR, Hordacre B, McDonnell MD, Ridding MC, Zapotocky M, Smit D, Fouquet C, Trembleau A, Dasgupta S, Nishikawa I, Aihara K, Toyozumi T, Robb DT, Mellen N, Toporikova N, Tang R, Tang YY, Liang G, Kiser SA, Howard JH Jr, Goncharenko J, Voronenko SO, Ahamed T, Stephens G, Yger P, Lefebvre B, Spampinato GLB, Esposito E, et Olivier Marre MS, Choi H, Song MH, Chung S, Lee DD, Sompolinsky H, Phillips RS, Smith J, Chatzikalymniou AP, Ferguson K, Alex Cayco Gajic N, Clopath C, Angus Silver R, Gleeson P, Marin B, Sadeh S, Quintana A, Cantarelli M, Dura-Bernal S, Lytton WW, Davison A, Li L, Zhang W, Wang D, Song Y, Park S, Choi I, Shin HS, Choi H, Pasupathy A, Shea-Brown E, Huh D, Sejnowski TJ, Vogt SM, Kumar A, Schmidt R, Van Wert S, Schiff SJ, Veale R, Scheutz M, Lee SW, Gallinaro J, Rotter S, Rubchinsky LL, Cheung CC, Ratnadurai-Giridharan S, Shomali SR, Ahmadabadi MN, Shimazaki H, Nader Rasuli S, Zhao X, Rasch MJ, Wilting J, Priesemann V, Levina A, Rudelt L, Lizier JT, Spinney RE, Rubinov M, Wibral M, Bak JH, Pillow J, Zaho Y, Park IM, Kang J, Park HJ, Jang J, Paik SB, Choi W, Lee C, Song M, Lee H, Park Y, Yilmaz E, Baysal V, Ozer M, Saska D, Nowotny T, Chan HK, Diamond A, Herrmann CS, Murray MM, Ionta S, Hutt A, Lefebvre J, Weidel P, Duarte R, Morrison A, Lee JH, Iyer R, Mihalas S, Koch C, Petrovici MA, Leng L, Breitwieser O, Stöckel D, Bytschok I, Martel R, Bill J, Schemmel J, Meier K, Esler TB, Burkitt AN, Kerr RR, Tahayori B, Nolte M, Reimann MW, Muller E, Markram H, Parziale A, Senatore R, Marcelli A, Skiker K, Maouene M, Neymotin SA, Seidenstein A, Lakatos P, Sanger TD, Menzies RJ, McLauchlan C, van Albada SJ, Kedziora DJ, Neymotin S, Kerr CC, Suter BA, Shepherd GMG, Ryu J, Lee SH, Lee J, Lee HJ, Lim D, Wang J, Lee H, Jung N, Anh Quang L, Maeng SE, Lee TH, Lee JW, Park CH, Ahn S, Moon J, Choi YS, Kim J, Jun SB, Lee S, Lee

HW, Jo S, Jun E, Yu S, Goetze F, Lai PY, Kim S, Kwag J, Jang HJ, Filipović M, Reig R, Aertsen A, Silberberg G, Bachmann C, Buttler S, Jacobs H, Dillen K, Fink GR, Kukulja J, Kepple D, Giaffar H, Rinberg D, Shea S, Koulakov A, Bahuguna J, Tetzlaff T, Kotaleski JH, Kunze T, Peterson A, Knösche T, Kim M, Kim H, Park JS, Yeon JW, Kim SP, Kang JH, Lee C, Spiegler A, Petkoski S, Palva MJ, Jirsa VK, Saggio ML, Siep SF, Stacey WC, Bernar C, Choung OH, Jeong Y, Lee YI, Kim SH, Jeong M, Lee J, Kwon J, Kralik JD, Jahng J, Hwang DU, Kwon JH, Park SM, Kim S, Kim H, Kim PS, Yoon S, Lim S, Park C, Miller T, Clements K, Ahn S, Ji EH, Issa FA, Baek J, Oba S, Yoshimoto J, Doya K, Ishii S, Mosqueiro TS, Strube-Bloss MF, Smith B, Huerta R, Hadrava M, Hlinka J, Bos H, Helias M, Welzig CM, Harper ZJ, Kim WS, Shin IS, Baek HM, Han SK, Richter R, Vitay J, Beuth F, Hamker FH, Toppin K, Guo Y, Graham BP, Kale PJ, Gollo LL, Stern M, Abbott LF, Fedorov LA, Giese MA, Ardestani MH, Faraji MJ, Preuschoff K, Gerstner W, van Gendt MJ, Briaire JJ, Kalkman RK, Frijns JHM, Lee WH, Frangou S, Fulcher BD, Tran PHP, Fornito A, Gliske SV, Lim E, Holman KA, Fink CG, Kim JS, Mu S, Briggman KL, Sebastian Seung H; the EyeWriters, Wegener D, Bohnenkamp L, Ernst UA, Devor A, Dale AM, Lines GT, Edwards A, Tveito A, Hagen E, Senk J, Diesmann M, Schmidt M, Bakker R, Shen K, Bezgin G, Hilgetag CC, van Albada SJ, Sun H, Sourina O, Huang GB, Klanner F, Denk C, Glomb K, Ponce-Alvarez A, Gilson M, Ritter P, Deco G, Witek MAG, Clarke EF, Hansen M, Wallentin M, Kringelbach ML, Vuust P, Klingbeil G, De Schutter E, Chen W, Zang Y, Hong S, Takashima A, Zamora C, Gallimore AR, Goldschmidt D, Manoonpong P, Karoly PJ, Freestone DR, Soundry D, Kuhlmann L, Paninski L, Cook M, Lee J, Fishman YI, Cohen YE, Roberts JA, Cocchi L, Sweeney Y, Lee S, Jung WS, Kim Y, Jung Y, Song YK, Chavane F, Soman K, Muralidharan V, Srinivasa Chakravarthy V, Shivkumar S, Mandali A, Pragathi Priyadharsini B, Mehta H, Davey CE, Brinkman BAW, Kekona T, Rieke F, Buice M, De Pittà M, Berry H, Brunel N, Breakspear M, Marsat G, Drew J, Chapman PD, Daly KC, Bradle SP, Seo SB, Su J, Kavalali ET, Blackwell J, Shiao L, Buhry L, Basnayake K, Lee SH, Levy BA, Baker CI, Leleu T, Philips RT, Chhabria K. 25th Annual Computational Neuroscience Meeting: CNS-2016. *BMC Neurosci.* 2016 Aug 18;17 Suppl 1(Suppl 1):54. doi: 10.1186/s12868-016-0283-6. PMID: 27534393; PMCID: PMC5001212.

754: Kim JW, Suh CO, Hong CK, Kim EH, Lee IJ, Cho J, Lee KS. Maximum surgical resection and adjuvant intensity-modulated radiotherapy with simultaneous integrated boost for skull base chordoma. *Acta Neurochir (Wien).* 2017 Oct;159(10):1825-1834. doi: 10.1007/s00701-016-2909-y. Epub 2016 Aug 9. PMID: 27502775.

755: Kim JH, Suh SH, Chung J, Oh YJ, Ahn SJ, Lee KY. Prevalence and Characteristics of Unruptured Cerebral Aneurysms in Ischemic Stroke Patients. *J Stroke.* 2016 Sep;18(3):321-327. doi: 10.5853/jos.2016.00164. Epub 2016 Aug 4. PMID: 27488981; PMCID: PMC5066432.

756: Kwon HE, Eom S, Kang HC, Lee JS, Kim SH, Kim DS, Kim HD. Surgical treatment of pediatric focal cortical dysplasia: Clinical spectrum and surgical outcome. *Neurology.* 2016 Aug 30;87(9):945-51. doi: 10.1212/WNL.0000000000003042. Epub 2016 Jul 27. PMID: 27466475.

757: Byon HJ, Song JH, Song KC, Lim H, Kim H. The Effects of Shoulder Rotation on the Acoustic Window for Thoracic Paramedian Epidural Approach in the Lateral Decubitus Position. *Reg Anesth Pain Med.* 2016 Sep-Oct;41(5):572-5. doi: 10.1097/AAP.0000000000000440. PMID: 27465363.

758: Ku T, Swaney J, Park JY, Albanese A, Murray E, Cho JH, Park YG, Mangena V, Chen J, Chung K. Multiplexed and scalable super-resolution imaging of three-dimensional protein localization in size-adjustable tissues. *Nat Biotechnol.* 2016 Sep;34(9):973-81. doi: 10.1038/nbt.3641. Epub 2016 Jul 25. PMID: 27454740; PMCID: PMC5070610.

759: Lim JJ, Shin DA, Jeon YJ, Kumar H, Sohn S, Min HS, Lee JB, Kuh SU, Kim KN, Kim JO, Kim OJ, Ropper AE, Kim NK, Han IB. Association of miR-146a, miR-149, miR-196a2, and miR-499 Polymorphisms with Ossification of the Posterior Longitudinal Ligament of the Cervical Spine. *PLoS One.* 2016 Jul 25;11(7):e0159756. doi: 10.1371/journal.pone.0159756. PMID: 27454313; PMCID: PMC4959720.

- 760: Kim DH, Lee N, Shin DA, Yi S, Kim KN, Ha Y. Matched Comparison of Fusion Rates between Hydroxyapatite Demineralized Bone Matrix and Autograft in Lumbar Interbody Fusion. *J Korean Neurosurg Soc.* 2016 Jul;59(4):363-7. doi: 10.3340/jkns.2016.59.4.363. Epub 2016 Jul 8. PMID: 27446517; PMCID: PMC4954884.
- 761: Choi J, Park SH, Khang SK, Suh YL, Kim SP, Lee YS, Kwon HS, Kang SG, Kim SH. Hemangiopericytomas in the Central Nervous System: A Multicenter Study of Korean Cases with Validation of the Usage of STAT6 Immunohistochemistry for Diagnosis of Disease. *Ann Surg Oncol.* 2016 Dec;23(Suppl 5):954-961. doi: 10.1245/s10434-016-5414-x. Epub 2016 Jul 21. PMID: 27444109.
- 762: Sennaroğlu L, Colletti V, Lenarz T, Manrique M, Laszig R, Rask-Andersen H, Göksu N, Offeciers E, Saeed S, Behr R, Bayazit Y, Casselman J, Freeman S, Kileny P, Lee DJ, Shannon RV, Kameswaran M, Hagr A, Zarowski A, Schwartz MS, Bilginer B, Kishore A, Sennaroğlu G, Yücel E, Saraç S, Ataş A, Colletti L, O'Driscoll M, Moon IS, Gärtner L, Huarte A, Nyberg G, Mocan BÖ, Atay G, Bajin MD, Çınar BÇ, Batuk MÖ, Yaralı M, Aydınli FE, Aslan F, Kirazlı MC, Özkan HB, Hans JM, Kosaner J, Polak M. Consensus statement: Long-term results of ABI in children with complex inner ear malformations and decision making between CI and ABI. *Cochlear Implants Int.* 2016 Jul;17(4):163-171. doi: 10.1080/14670100.2016.1208396. Epub 2016 Jul 21. PMID: 27442073.
- 763: Choi YS, Lee HJ, Ahn SS, Chang JH, Kang SG, Kim EH, Kim SH, Lee SK. Primary central nervous system lymphoma and atypical glioblastoma: differentiation using the initial area under the curve derived from dynamic contrast-enhanced MR and the apparent diffusion coefficient. *Eur Radiol.* 2017 Apr;27(4):1344-1351. doi: 10.1007/s00330-016-4484-2. Epub 2016 Jul 19. PMID: 27436023.
- 764: Choi J, Shin DA, Kim S. Biomechanical Effects of the Geometry of Ball-and- Socket Artificial Disc on Lumbar Spine: A Finite Element Study. *Spine (Phila Pa 1976).* 2017 Mar 15;42(6):E332-E339. doi: 10.1097/BRS.0000000000001789. PMID: 27428389.
- 765: Hur YJ, Kim HD. Predictive role of brain connectivity for resective surgery in Lennox-Gastaut syndrome. *Clin Neurophysiol.* 2016 Aug;127(8):2862-2868. doi: 10.1016/j.clinph.2016.05.011. Epub 2016 May 25. PMID: 27417063.
- 766: Lee N, Ji GY, Yi S, Yoon do H, Shin DA, Kim KN, Ha Y, Oh CH. Finite Element Analysis of the Effect of Epidural Adhesions. *Pain Physician.* 2016 Jul;19(5):E787-93. PMID: 27389123.
- 767: Kim BS, Seol HJ, Nam DH, Park CK, Kim IH, Kim TM, Kim JH, Cho YH, Yoon SM, Chang JH, Kang SG, Kim EH, Suh CO, Jung TY, Lee KH, Kim CY, Kim IA, Hong CK, Yoo H, Kim JH, Kang SH, Kang MK, Kim EY, Kim SH, Chung DS, Hwang SC, Song JH, Cho SJ, Lee SI, Lee YS, Ahn KJ, Kim SH, Lim DH, Gwak HS, Lee SH, Hong YK. Concurrent Chemoradiotherapy with Temozolomide Followed by Adjuvant Temozolomide for Newly Diagnosed Glioblastoma Patients: A Retrospective Multicenter Observation Study in Korea. *Cancer Res Treat.* 2017 Jan;49(1):193-203. doi: 10.4143/crt.2015.473. Epub 2016 Jun 27. PMID: 27384161; PMCID: PMC5266397.
- 768: Ohri N, Dawson LA, Krishnan S, Seong J, Cheng JC, Sarin SK, Kinkhabwala M, Ahmed MM, Vikram B, Coleman CN, Guha C. Radiotherapy for Hepatocellular Carcinoma: New Indications and Directions for Future Study. *J Natl Cancer Inst.* 2016 Jul 4;108(9):djw133. doi: 10.1093/jnci/djw133. PMID: 27377923; PMCID: PMC6279296.
- 769: Moon JH, Kim SH, Shim JK, Roh TH, Sung KS, Lee JH, Park J, Choi J, Kim EH, Kim SH, Kang SG, Chang JH. Histopathological implications of ventricle wall 5-aminolevulinic acid-induced fluorescence in the absence of tumor involvement on magnetic resonance images. *Oncol Rep.* 2016 Aug;36(2):837-44. doi: 10.3892/or.2016.4881. Epub 2016 Jun 16. PMID: 27374931.

770: Kwon HM, Kim HJ, Lee YH, Eshnazarovich E, Lee GH, Lee JW, Yang IH, Park KK. Does Conventional Lateral Long Bone Radiography Present Sagittal Axes Accurately? A Comparison with Direct Lateral Long Bone Radiography. *J Knee Surg.* 2017 Mar;30(3):252-257. doi: 10.1055/s-0036-1584537. Epub 2016 Jun 30. PMID: 27362928.

771: Ku CR, Choe EY, Hong JW, Kim EH, Park SH, Kim SH, Lee EJ. No differences in metabolic outcomes between nadir GH 0.4 and 1.0 ng/mL during OGTT in surgically cured acromegalic patients (observational study). *Medicine (Baltimore).* 2016 Jun;95(24):e3808. doi: 10.1097/MD.0000000000003808. Erratum in: *Medicine (Baltimore).* 2016 Aug 07;95(31):e5074. PMID: 27310957; PMCID: PMC4998443.

772: Jin Y, Seo J, Lee JS, Shin S, Park HJ, Min S, Cheong E, Lee T, Cho SW. Triboelectric Nanogenerator Accelerates Highly Efficient Nonviral Direct Conversion and In Vivo Reprogramming of Fibroblasts to Functional Neuronal Cells. *Adv Mater.* 2016 Sep;28(34):7365-74. doi: 10.1002/adma.201601900. Epub 2016 Jun 15. PMID: 27302900.

773: Kim KM, Shim JK, Chang JH, Lee JH, Kim SH, Choi J, Park J, Kim EH, Kim SH, Huh YM, Lee SJ, Cheong JH, Kang SG. Failure of a patient-derived xenograft for brain tumor model prepared by implantation of tissue fragments. *Cancer Cell Int.* 2016 Jun 10;16:43. doi: 10.1186/s12935-016-0319-0. PMID: 27293382; PMCID: PMC4901492.

774: Kwak J, Shim JK, Kim DS, Lee JH, Choi J, Park J, Shin KJ, Kim SH, Kim P, Huh YM, Kim EH, Chang JH, Kim SH, Kang SG. Isolation and characterization of tumorspheres from a recurrent pineoblastoma patient: Feasibility of a patient-derived xenograft. *Int J Oncol.* 2016 Aug;49(2):569-78. doi: 10.3892/ijo.2016.3554. Epub 2016 Jun 1. PMID: 27277549.

775: Ahn SS, Chin DK, Kim SH, Kim DW, Lee BH, Ku MG. The Clinical Significance of Lumbosacral Transitional Vertebrae on the Surgical Outcomes of Lumbar Discectomy: A Retrospective Cohort Study of Young Adults. *World Neurosurg.* 2017 Mar;99:745-750. doi: 10.1016/j.wneu.2016.05.073. Epub 2016 Jun 1. PMID: 27262647.

776: Jun HS, Kim JH, Ahn JH, Chang IB, Song JH, Kim TH, Park MS, Chan Kim Y, Kim SW, Oh JK, Yoon DH. The Effect of Lumbar Spinal Muscle on Spinal Sagittal Alignment: Evaluating Muscle Quantity and Quality. *Neurosurgery.* 2016 Dec;79(6):847-855. doi: 10.1227/NEU.0000000000001269. PMID: 27244469.

777: Shin CJ, Rho M, Won YS, Kim SO. Rapid Visual Deterioration Caused by Posterior Fossa Arachnoid Cyst. *J Korean Neurosurg Soc.* 2016 May;59(3):314-8. doi: 10.3340/jkns.2016.59.3.314. Epub 2016 May 10. PMID: 27226868; PMCID: PMC4877559.

778: Kang SG, Kang JK. Current and Future Perspectives in Craniosynostosis. *J Korean Neurosurg Soc.* 2016 May;59(3):247-9. doi: 10.3340/jkns.2016.59.3.247. Epub 2016 May 10. PMID: 27226856; PMCID: PMC4877547.

779: Shim KW, Park EK, Kim JS, Kim YO, Kim DS. Neurodevelopmental Problems in Non-Syndromic Craniosynostosis. *J Korean Neurosurg Soc.* 2016 May;59(3):242-6. doi: 10.3340/jkns.2016.59.3.242. Epub 2016 May 10. PMID: 27226855; PMCID: PMC4877546.

780: Park HH, Lee KS, Ahn SJ, Suh SH, Hong CK. Echordosis physaliphora: typical and atypical radiologic features. *Neurosurg Rev.* 2017 Jan;40(1):87-94. doi: 10.1007/s10143-016-0753-4. Epub 2016 May 21. PMID: 27206421.

781: Kim DH, Hong CK. Recurrent Giant Cell Tumor of Skull Combined with Multiple Aneurysms. *Brain*

- Tumor Res Treat. 2016 Apr;4(1):13-6. doi: 10.14791/btrt.2016.4.1.13. Epub 2016 Apr 29. PMID: 27195256; PMCID: PMC4868811.
- 782: Park EK, Lim JY, Yun IS, Kim JS, Woo SH, Kim DS, Shim KW. Cranioplasty Enhanced by Three-Dimensional Printing: Custom-Made Three-Dimensional-Printed Titanium Implants for Skull Defects. *J Craniofac Surg.* 2016 Jun;27(4):943-9. doi: 10.1097/SCS.0000000000002656. PMID: 27192643.
- 783: Hong CK, Hong JB, Park H, Moon JH, Chang JH, Lee KS, Park SW. Surgical Treatment for Falctentorial Meningiomas. *Yonsei Med J.* 2016 Jul;57(4):1022-8. doi: 10.3349/ymj.2016.57.4.1022. PMID: 27189300; PMCID: PMC4951445.
- 784: Kim H, Min KT, Lee JR, Ha SH, Lee WK, Seo JH, Choi SH. Comparison of Dexmedetomidine and Remifentanil on Airway Reflex and Hemodynamic Changes during Recovery after Craniotomy. *Yonsei Med J.* 2016 Jul;57(4):980-6. doi: 10.3349/ymj.2016.57.4.980. PMID: 27189295; PMCID: PMC4951478.
- 785: Park MS, Moon SH, Kim TH, Oh JK, Kim HJ, Park KT, Riew KD. Surgical Anatomy of the Longus Colli Muscle and Uncinate Process in the Cervical Spine. *Yonsei Med J.* 2016 Jul;57(4):968-72. doi: 10.3349/ymj.2016.57.4.968. PMID: 27189293; PMCID: PMC4951476.
- 786: Lee J, Cho J, Chang JH, Suh CO. Re-Irradiation for Recurrent Gliomas: Treatment Outcomes and Prognostic Factors. *Yonsei Med J.* 2016 Jul;57(4):824-30. doi: 10.3349/ymj.2016.57.4.824. PMID: 27189273; PMCID: PMC4951456.
- 787: Lee JM, Chang JW, Choi JY, Chang WS, Moon IS. Hearing Restoration in Neurofibromatosis Type II Patients. *Yonsei Med J.* 2016 Jul;57(4):817-23. doi: 10.3349/ymj.2016.57.4.817. PMID: 27189272; PMCID: PMC4951455.
- 788: Kwon OS, Kim KT, Lee E, Kim M, Choi SH, Li H, Fornace AJ Jr, Cho JH, Lee YS, Lee JS, Lee YJ, Cha HJ. Induction of MiR-21 by Stereotactic Body Radiotherapy Contributes to the Pulmonary Fibrotic Response. *PLoS One.* 2016 May 12;11(5):e0154942. doi: 10.1371/journal.pone.0154942. Erratum in: *PLoS One.* 2016;11(7):e0160137. PMID: 27171163; PMCID: PMC4865046.
- 789: Lee HJ, Moon BJ, Pennant WA, Shin DA, Kim KN, Yoon do H, Ha Y. Three Cases of Spine Fractures after an Airplane Crash. *Korean J Neurotrauma.* 2015 Oct;11(2):195-200. doi: 10.13004/kjnt.2015.11.2.195. Epub 2015 Oct 31. PMID: 27169094; PMCID: PMC4847504.
- 790: Kang J, Whang K, Hong SK, Pyen JS, Cho SM, Kim JY, Kim SH, Oh JW. Middle Meningeal Artery Embolization in Recurrent Chronic Subdural Hematoma Combined with Arachnoid Cyst. *Korean J Neurotrauma.* 2015 Oct;11(2):187-90. doi: 10.13004/kjnt.2015.11.2.187. Epub 2015 Oct 31. PMID: 27169092; PMCID: PMC4847502.
- 791: Moon TH, Kim SH, Lee JW, Huh SK. Clinical Analysis of Traumatic Cerebral Pseudoaneurysms. *Korean J Neurotrauma.* 2015 Oct;11(2):124-30. doi: 10.13004/kjnt.2015.11.2.124. Epub 2015 Oct 31. PMID: 27169077; PMCID: PMC4847513.
- 792: Kang J, Hong S, Hu C, Pyen J, Whang K, Cho S, Kim J, Kim S, Oh J. Clinical Analysis of Delayed Surgical Epidural Hematoma. *Korean J Neurotrauma.* 2015 Oct;11(2):112-7. doi: 10.13004/kjnt.2015.11.2.112. Epub 2015 Oct 31. PMID: 27169075; PMCID: PMC4847500.
- 793: Paik HK, Ahn SS, Kim JY, Ryu DS, Kim KH, Chin DK, Kim KS, Cho YE, Kuh SU. WITHDRAWN: Characteristics of patients with herniated discs at the cervicothoracic junction. *Spine J.* 2016 May 5:S1529-9430(16)30096-1. doi: 10.1016/j.spinee.2016.04.021. Epub ahead of print. PMID: 27157502.

- 794: Kim YG, Jung NY, Kim M, Chang WS, Jung HH, Chang JW. Benefits of microvascular decompression on social anxiety disorder and health-related quality of life in patients with hemifacial spasm. *Acta Neurochir (Wien)*. 2016 Jul;158(7):1397-404. doi: 10.1007/s00701-016-2822-4. Epub 2016 May 7. PMID: 27155866.
- 795: Choi YS, Ahn SS, Kim DW, Chang JH, Kang SG, Kim EH, Kim SH, Rim TH, Lee SK. Incremental Prognostic Value of ADC Histogram Analysis over MGMT Promoter Methylation Status in Patients with Glioblastoma. *Radiology*. 2016 Oct;281(1):175-84. doi: 10.1148/radiol.2016151913. Epub 2016 Apr 27. PMID: 27120357.
- 796: Kim Y, Yoo CJ, Park CW, Kim MJ, Choi DH, Kim YJ, Park K. Modified Supraorbital Keyhole Approach to Anterior Circulation Aneurysms. *J Cerebrovasc Endovasc Neurosurg*. 2016 Mar;18(1):5-11. doi: 10.7461/jcen.2016.18.1.5. Epub 2016 Mar 31. PMID: 27114960; PMCID: PMC4842910.
- 797: Park HJ, Jin Y, Shin J, Yang K, Lee C, Yang HS, Cho SW. Catechol- Functionalized Hyaluronic Acid Hydrogels Enhance Angiogenesis and Osteogenesis of Human Adipose-Derived Stem Cells in Critical Tissue Defects. *Biomacromolecules*. 2016 Jun 13;17(6):1939-48. doi: 10.1021/acs.biomac.5b01670. Epub 2016 May 4. PMID: 27112904.
- 798: Cha J, Kang SG, Kim P. Strategies of Mesenchymal Invasion of Patient- derived Brain Tumors: Microenvironmental Adaptation. *Sci Rep*. 2016 Apr 25;6:24912. doi: 10.1038/srep24912. PMID: 27108713; PMCID: PMC4842976.
- 799: Shim EK, Lee JS, Kim DE, Kim SK, Jung BJ, Choi EY, Kim CS. Autogenous Mesenchymal Stem Cells from the Vertebral Body Enhance Intervertebral Disc Regeneration via Paracrine Interaction: An in Vitro Pilot Study. *Cell Transplant*. 2016 Oct;25(10):1819-1832. doi: 10.3727/096368916x691420. PMID: 27075568.
- 800: Choi SH, Kim SH, Shim KW, Han JW, Choi J, Kim DS, Lyu CJ, Kim JW, Suh CO, Cho J. Treatment Outcome and Prognostic Molecular Markers of Supratentorial Primitive Neuroectodermal Tumors. *PLoS One*. 2016 Apr 13;11(4):e0153443. doi: 10.1371/journal.pone.0153443. PMID: 27074032; PMCID: PMC4830607.
- 801: Koo HW, Park JE, Cha J, Kim DJ, Kang SG, Lim SC, Suh DC. Hemangioblastomas with leptomeningeal dissemination: case series and review of the literature. *Acta Neurochir (Wien)*. 2016 Jun;158(6):1169-78. doi: 10.1007/s00701-016-2798-0. Epub 2016 Apr 12. PMID: 27068045.
- 802: Jo YY, Kim JY, Choi JJ, Jung WS, Kim YB, Kwak HJ. Preoperative serum lactate cannot predict in-hospital mortality after decompressive craniectomy in traumatic brain injury. *J Anesth*. 2016 Aug;30(4):637-43. doi: 10.1007/s00540-016-2169-2. Epub 2016 Apr 4. PMID: 27043453.
- 803: Park MS, Ju YS, Moon SH, Kim TH, Oh JK, Makhni MC, Riew KD. Reoperation Rates After Surgery for Degenerative Cervical Spine Disease According to Different Surgical Procedures: National Population-based Cohort Study. *Spine (Phila Pa 1976)*. 2016 Oct 1;41(19):1484-1492. doi: 10.1097/BRS.0000000000001581. PMID: 27031768.
- 804: Park W, Ahn JS, Lee HS, Park JC, Kwun BD. Risk Factors for Newly Developed Cerebral Infarction After Surgical Revascularization for Adults with Moyamoya Disease. *World Neurosurg*. 2016 Aug;92:65-73. doi: 10.1016/j.wneu.2016.03.053. Epub 2016 Mar 26. PMID: 27020972.
- 805: Ko JH, Yang IH, Ko MS, Kamolhuja E, Park KK. Do zip-type skin-closing devices show better wound status compared to conventional staple devices in total knee arthroplasty? *Int Wound J*. 2017 Feb;14(1):250-254. doi: 10.1111/iwj.12596. Epub 2016 Mar 28. PMID: 27019972.

- 806: Cho H, Chang JH, Kim YR, Kim SJ, Chung H, Park H, Lee JY, Jang JE, Kim Y, Kim SH, Yang WI, Suh CO, Cheong JW, Min YH, Kim JS. The role of upfront autologous stem cell transplantation in high-risk younger patients with primary central nervous system lymphoma. *Br J Haematol*. 2016 Aug;174(3):444-53. doi: 10.1111/bjh.14069. Epub 2016 Mar 28. PMID: 27018207.
- 807: Lee JJ, Sohn JH, Choi HJ, Yang JS, Lee KH, Do HJ, Lee SH, Cho YJ. Clinical Efficacy of Pulsed Radiofrequency Neuromodulation for Intractable Meralgia Paresthetica. *Pain Physician*. 2016 Mar;19(3):173-9. PMID: 27008291.
- 808: Chen M, Fan Z, Zheng X, Cao F, Wang L. Risk Factors of Acoustic Neuroma: Systematic Review and Meta-Analysis. *Yonsei Med J*. 2016 May;57(3):776-83. doi: 10.3349/ymj.2016.57.3.776. PMID: 26996581; PMCID: PMC4800371.
- 809: Shin DA, Choi JU, Kim KS, Park HW. A Great Teacher of Neurosurgery in Korea: Hun Jae Lee (1921-1983). *Yonsei Med J*. 2016 May;57(3):539-41. doi: 10.3349/ymj.2016.57.3.539. Erratum in: *Yonsei Med J*. 2016 Jul;57(4):1049. PMID: 26996549; PMCID: PMC4800339.
- 810: Kim JH, Park EC, Lee SG, Lee TH, Jang SI. Beyond Volume: Hospital-Based Healthcare Technology for Better Outcomes in Cerebrovascular Surgical Patients Diagnosed With Ischemic Stroke: A Population-Based Nationwide Cohort Study From 2002 to 2013. *Medicine (Baltimore)*. 2016 Mar;95(11):e3035. doi: 10.1097/MD.0000000000003035. Erratum in: *Medicine (Baltimore)*. 2016 May 20;95(20):e13b3. PMID: 26986122; PMCID: PMC4839903.
- 811: Ryu SJ, Kim JY, Kim KH, Park JY, Kuh SU, Chin DK, Kim KS, Cho YE, Kim SH. A retrospective observational study on the treatment outcomes of 26 patients with spinal cord astrocytoma including two cases of malignant transformation. *Eur Spine J*. 2016 Dec;25(12):4067-4079. doi: 10.1007/s00586-016-4475-7. Epub 2016 Mar 16. PMID: 26984877.
- 812: Yoon SJ, Shim JK, Chang JH, Moon JH, Roh TH, Sung KS, Lee JH, Kim EH, Kim SH, Hong YK, Lee SJ, Huh YM, Kang SG. Tumor Mesenchymal Stem-Like Cell as a Prognostic Marker in Primary Glioblastoma. *Stem Cells Int*. 2016;2016:6756983. doi: 10.1155/2016/6756983. Epub 2016 Feb 11. PMID: 26981133; PMCID: PMC4766342.
- 813: Kim JY, Ryu DS, Paik HK, Ahn SS, Kang MS, Kim KH, Park JY, Chin DK, Kim KS, Cho YE, Kuh SU. Paraspinal muscle, facet joint, and disc problems: risk factors for adjacent segment degeneration after lumbar fusion. *Spine J*. 2016 Jul;16(7):867-75. doi: 10.1016/j.spinee.2016.03.010. Epub 2016 Mar 9. PMID: 26970600.
- 814: Moon JH, Kim EH, Kim SH. Snare technique for the remodeling of the redundant arachnoid pouch to prevent cerebrospinal fluid rhinorrhea and hematoma collection during transsphenoidal surgery for suprasellar-extended pituitary tumors. *J Neurosurg*. 2016 Dec;125(6):1443-1450. doi: 10.3171/2015.11.JNS151328. Epub 2016 Mar 11. PMID: 26967785.
- 815: Ahn SS, So WS, Ku MG, Kim SH, Kim DW, Lee BH. Radiologic Findings and Risk Factors of Adjacent Segment Degeneration after Anterior Cervical Discectomy and Fusion : A Retrospective Matched Cohort Study with 3-Year Follow-Up Using MRI. *J Korean Neurosurg Soc*. 2016 Mar;59(2):129-36. doi: 10.3340/jkns.2016.59.2.129. Epub 2016 Feb 29. PMID: 26962418; PMCID: PMC4783478.
- 816: Choi J, Kim S, Shin DA. Biomechanical Comparison of Spinal Fusion Methods Using Interspinous Process Compressor and Pedicle Screw Fixation System Based on Finite Element Method. *J Korean Neurosurg Soc*. 2016 Mar;59(2):91-7. doi: 10.3340/jkns.2016.59.2.91. Epub 2016 Feb 29. PMID: 26962413; PMCID: PMC4783490.

- 817: Kim BM, Shin YS, Baik MW, Lee DH, Jeon P, Baik SK, Lee TH, Kang DH, Suh SI, Byun JS, Jung JY, Kwon K, Kim DJ, Park KY, Kim BS, Park JC, Kim SR, Kim YW, Kim H, Jo K, Yoon CH, Kim YS. Pipeline Embolization Device for Large/Giant or Fusiform Aneurysms: An Initial Multi-Center Experience in Korea. *Neurointervention*. 2016 Mar;11(1):10-7. doi: 10.5469/neuroint.2016.11.1.10. Epub 2016 Mar 3. PMID: 26958407; PMCID: PMC4781911.
- 818: Park MS, Moon SH, Kim TH, Oh JK, Nam JH, Jung JK, Riew KD. New Radiographic Index for Occipito-Cervical Instability. *Asian Spine J*. 2016 Feb;10(1):123-8. doi: 10.4184/asj.2016.10.1.123. Epub 2016 Feb 16. PMID: 26949467; PMCID: PMC4764523.
- 819: Park MS, Moon SH, Kim TH, Oh JK, Kang HJ, Riew KD. Radiographic Comparison between Cervical Spine Lateral and Whole-Spine Lateral Standing Radiographs. *Global Spine J*. 2016 Mar;6(2):118-23. doi: 10.1055/s-0035-1556584. Epub 2015 Jun 24. PMID: 26933612; PMCID: PMC4771508.
- 820: Ha Y, Moon BJ, You NK, Yoon SJ, Shin DA, Yi S, Kim KN, Shin HC, Yoon DH. Clinical Characteristics and Surgical Outcome of Revision Surgery in Patients with Cervical Ossification of the Posterior Longitudinal Ligament. *World Neurosurg*. 2016 Jun;90:164-171. doi: 10.1016/j.wneu.2016.02.054. Epub 2016 Feb 19. PMID: 26915278.
- 821: Park KD, Lim OK, Yoo CJ, Kim YW, Lee S, Park Y, Lee JK. Voxel-based statistical analysis of brain metabolism in patients with growth hormone deficiency after traumatic brain injury. *Brain Inj*. 2016;30(4):407-413. doi: 10.3109/02699052.2015.1127997. Epub 2016 Feb 24. PMID: 26910852.
- 822: Cha YJ, Lee SK, Chang JH, Kim SH. Report of a rare case of atypical lymphoplasmacyte-rich meningioma in the tentorium mimicking idiopathic hypertrophic pachymeningitis. *Brain Tumor Pathol*. 2016 Jul;33(3):216-21. doi: 10.1007/s10014-016-0254-8. Epub 2016 Feb 22. PMID: 26902101.
- 823: Pan Z, Ha Y, Yi S, Cao K. Efficacy of Transforaminal Endoscopic Spine System (TESSYS) Technique in Treating Lumbar Disc Herniation. *Med Sci Monit*. 2016 Feb 18;22:530-9. doi: 10.12659/msm.894870. PMID: 26887645; PMCID: PMC4762298.
- 824: Park SB, Kim J, Jeong JH, Lee JK, Chin DK, Chung CK, Lee SH, Lee JY. Prevalence and Incidence of Osteoporosis and Osteoporotic Vertebral Fracture in Korea: Nationwide Epidemiological Study Focusing on Differences in Socioeconomic Status. *Spine (Phila Pa 1976)*. 2016 Feb;41(4):328-36. doi: 10.1097/BRS.0000000000001291. PMID: 26866957.
- 825: Song J, Oh S, Kim MJ, Chung J, Lim YC, Kim BS, Shin YS. Endovascular treatment of ruptured blood blister-like aneurysms with multiple (≥ 3) overlapping Enterprise stents and coiling. *Acta Neurochir (Wien)*. 2016 Apr;158(4):803-809. doi: 10.1007/s00701-016-2721-8. Epub 2016 Feb 9. PMID: 26858206.
- 826: Lim J, Noh S, Cho KG. Surgical Treatment of Hemangioblastoma in the Pituitary Stalk: An Extremely Rare Case. *Yonsei Med J*. 2016 Mar;57(2):518-22. doi: 10.3349/ymj.2016.57.2.518. PMID: 26847309; PMCID: PMC4740549.
- 827: Kang HJ, Oh WT, Koh IH, Kim S, Choi YR. Factors Influencing Outcomes after Ulnar Nerve Stability-Based Surgery for Cubital Tunnel Syndrome: A Prospective Cohort Study. *Yonsei Med J*. 2016 Mar;57(2):455-60. doi: 10.3349/ymj.2016.57.2.455. PMID: 26847300; PMCID: PMC4740540.
- 828: Yamada SM, Tomita Y, Murakami H, Nakane M. Deep Vein Thrombosis in the Lower Extremities in Comatose Elderly Patients with Acute Neurological Diseases. *Yonsei Med J*. 2016 Mar;57(2):388-92. doi: 10.3349/ymj.2016.57.2.388. PMID: 26847291; PMCID: PMC4740531.

829: Hong KS, Ko SB, Yu KH, Jung C, Park SQ, Kim BM, Chang CH, Bae HJ, Heo JH, Oh CW, Lee BC, Kim BT, Kim BS, Chung CS, Yoon BW, Rha JH. Update of the Korean Clinical Practice Guidelines for Endovascular Recanalization Therapy in Patients with Acute Ischemic Stroke. *J Stroke*. 2016 Jan;18(1):102-13. doi: 10.5853/jos.2015.01655. Epub 2016 Jan 29. PMID: 26846761; PMCID: PMC4747068.

830: Lee N, Yi S, Shin DA, Kim KN, Yoon do H, Ha Y. Progression of Coronal Cobb Angle After Short-Segment Lumbar Interbody Fusion in Patients with Degenerative Lumbar Stenosis. *World Neurosurg*. 2016 May;89:510-6. doi: 10.1016/j.wneu.2016.01.051. Epub 2016 Feb 2. PMID: 26836695.

831: Ahn SS, Paik HK, Chin DK, Kim SH, Kim DW, Ku MG. The Fate of Adjacent Segments After Anterior Cervical Discectomy and Fusion: The Influence of an Anterior Plate System. *World Neurosurg*. 2016 May;89:42-50. doi: 10.1016/j.wneu.2016.01.013. Epub 2016 Jan 30. PMID: 26828457.

832: Lee HL, Lee HY, Yun Y, Oh J, Che L, Lee M, Ha Y. Hypoxia-specific, VEGF- expressing neural stem cell therapy for safe and effective treatment of neuropathic pain. *J Control Release*. 2016 Mar 28;226:21-34. doi: 10.1016/j.jconrel.2016.01.047. Epub 2016 Jan 28. PMID: 26826306.

833: Gwak SJ, Yun Y, Yoon DH, Kim KN, Ha Y. Therapeutic Use of 3 β -[N-(N',N'-Dimethylaminoethane) Carbamoyl] Cholesterol-Modified PLGA Nanospheres as Gene Delivery Vehicles for Spinal Cord Injury. *PLoS One*. 2016 Jan 29;11(1):e0147389. doi: 10.1371/journal.pone.0147389. PMID: 26824765; PMCID: PMC4732605.

834: Kim HS, Ju CI, Kim SW, Kim SH. Contralateral Juxtafacet Cyst Development after the Spontaneous Resolution of a Previous Facet Cyst. *J Korean Neurosurg Soc*. 2015 Dec;58(6):563-5. doi: 10.3340/jkns.2015.58.6.563. Epub 2015 Dec 31. PMID: 26819695; PMCID: PMC4728098.

835: Ahn SS, Kim SH, Kim DW. Learning Curve of Percutaneous Endoscopic Lumbar Discectomy Based on the Period (Early vs. Late) and Technique (in-and-out vs. in-and-out-and-in): A Retrospective Comparative Study. *J Korean Neurosurg Soc*. 2015 Dec;58(6):539-46. doi: 10.3340/jkns.2015.58.6.539. Epub 2015 Dec 31. PMID: 26819689; PMCID: PMC4728092.

836: Kim JY, Song K, Kim KH, Rim DC, Yoon SH. Usefulness of Simple Rod Rotation to Correct Curve of Adolescent Idiopathic Scoliosis. *J Korean Neurosurg Soc*. 2015 Dec;58(6):534-8. doi: 10.3340/jkns.2015.58.6.534. Epub 2015 Dec 31. PMID: 26819688; PMCID: PMC4728091.

837: Kim BY, Jin H, Lee YJ, Kang GY, Cho J, Lee YS. Focal exposure of limited lung volumes to high-dose irradiation down-regulated organ development-related functions and up-regulated the immune response in mouse pulmonary tissues. *BMC Genet*. 2016 Jan 27;17:29. doi: 10.1186/s12863-016-0338-9. PMID: 26818610; PMCID: PMC4729165.

838: Ji GY, Oh CH, Won KS, Han IB, Ha Y, Shin DA, Kim KN. Randomized Controlled Study of Percutaneous Epidural Neuroplasty Using Racz Catheter and Epidural Steroid Injection in Cervical Disc Disease. *Pain Physician*. 2016 Feb;19(2):39-48. PMID: 26815248.

839: Klionsky DJ, Abdelmohsen K, Abe A, Abedin MJ, Abeliovich H, Acevedo Arozena A, Adachi H, Adams CM, Adams PD, Adeli K, Adihetty PJ, Adler SG, Agam G, Agarwal R, Aghi MK, Agnello M, Agostinis P, Aguilar PV, Aguirre-Ghiso J, Airolidi EM, Ait-Si-Ali S, Akematsu T, Akporiaye ET, Al-Rubeai M, Albaiceta GM, Albanese C, Albani D, Albert ML, Aldudo J, Algül H, Alirezaei M, Alloza I, Almasan A, Almonte-Beceril M, Alnemri ES, Alonso C, Altan-Bonnet N, Altieri DC, Alvarez S, Alvarez-Erviti L, Alves S, Amadoro G, Amano A, Amantini C, Ambrosio S, Amelio I, Amer AO, Amessou M, Amon A, An Z, Anania FA, Andersen SU, Andley UP, Andreadi CK, Andrieu-Abadie N, Anel A, Ann DK, Anoopkumar-Dukie S, Antonioli M, Aoki H, Apostolova N, Aquila S, Aquilano K, Araki K, Arama E, Aranda A, Araya J,

Arcaro A, Arias E, Arimoto H, Ariosa AR, Armstrong JL, Arnould T, Arsov I, Asanuma K, Askanas V, Asselin E, Atarashi R, Atherton SS, Atkin JD, Attardi LD, Auburger P, Auburger G, Aurelian L, Autelli R, Avagliano L, Avantiaggiati ML, Avrahami L, Awale S, Azad N, Bachetti T, Backer JM, Bae DH, Bae JS, Bae ON, Bae SH, Baehrecke EH, Baek SH, Baghdiguian S, Bagniewska-Zadworna A, Bai H, Bai J, Bai XY, Bailly Y, Balaji KN, Balduini W, Ballabio A, Balzan R, Banerjee R, Bánhegyi G, Bao H, Barbeau B, Barrachina MD, Barreiro E, Bartel B, Bartolomé A, Bassham DC, Bassi MT, Bast RC Jr, Basu A, Batista MT, Batoko H, Battino M, Bauckman K, Baumgarner BL, Bayer KU, Beale R, Beaulieu JF, Beck GR Jr, Becker C, Beckham JD, Bédard PA, Bednarski PJ, Begley TJ, Behl C, Behrends C, Behrens GM, Behrns KE, Bejarano E, Belaid A, Belleudi F, Bénard G, Berchem G, Bergamaschi D, Bergami M, Berkhout B, Berliocchi L, Bernard A, Bernard M, Bernassola F, Bertolotti A, Bess AS, Besteiro S, Bettuzzi S, Bhalla S, Bhattacharyya S, Bhutia SK, Biagosch C, Bianchi MW, Biard-Piechaczyk M, Billes V, Bincoletto C, Bingol B, Bird SW, Bitoun M, Bjedov I, Blackstone C, Blanc L, Blanco GA, Blomhoff HK, Boada-Romero E, Böckler S, Boes M, Boesze-Battaglia K, Boise LH, Bolino A, Boman A, Bonaldo P, Bordi M, Bosch J, Botana LM, Botti J, Bou G, Bouché M, Bouchecareilh M, Boucher MJ, Boulton ME, Bouret SG, Boya P, Boyer-Guittaut M, Bozhkov PV, Brady N, Braga VM, Brancolini C, Braus GH, Bravo-San Pedro JM, Brennan LA, Bresnick EH, Brest P, Bridges D, Bringer MA, Brini M, Brito GC, Brodin B, Brookes PS, Brown EJ, Brown K, Broxmeyer HE, Bruhat A, Brum PC, Brumell JH, Brunetti-Pierri N, Bryson-Richardson RJ, Buch S, Buchan AM, Budak H, Bulavin DV, Bultman SJ, Bultynck G, Bumbasirevic V, Burelle Y, Burke RE, Burmeister M, Bütikofer P, Caberlotto L, Cadwell K, Cahova M, Cai D, Cai J, Cai Q, Calatayud S, Camougrand N, Campanella M, Campbell GR, Campbell M, Campello S, Candau R, Caniggia I, Cantoni L, Cao L, Caplan AB, Caraglia M, Cardinali C, Cardoso SM, Carew JS, Carleton LA, Carlin CR, Carloni S, Carlsson SR, Carmona-Gutierrez D, Carneiro LA, Carnevali O, Carra S, Carrier A, Carroll B, Casas C, Casas J, Cassinelli G, Castets P, Castro-Obregon S, Cavallini G, Ceccherini I, Cecconi F, Cederbaum AI, Ceña V, Cenci S, Cerella C, Cervia D, Cetrullo S, Chaachouay H, Chae HJ, Chagin AS, Chai CY, Chakrabarti G, Chamilos G, Chan EY, Chan MT, Chandra D, Chandra P, Chang CP, Chang RC, Chang TY, Chatham JC, Chatterjee S, Chauhan S, Che Y, Cheetham ME, Cheluvappa R, Chen CJ, Chen G, Chen GC, Chen G, Chen H, Chen JW, Chen JK, Chen M, Chen M, Chen P, Chen Q, Chen Q, Chen SD, Chen S, Chen SS, Chen W, Chen WJ, Chen WQ, Chen W, Chen X, Chen YH, Chen YG, Chen Y, Chen Y, Chen Y, Chen YJ, Chen YQ, Chen Y, Chen Z, Chen Z, Cheng A, Cheng CH, Cheng H, Cheong H, Cherry S, Chesney J, Cheung CH, Chevet E, Chi HC, Chi SG, Chiacchiera F, Chiang HL, Chiarelli R, Chiariello M, Chieppa M, Chin LS, Chiong M, Chiu GN, Cho DH, Cho SG, Cho WC, Cho YY, Cho YS, Choi AM, Choi EJ, Choi EK, Choi J, Choi ME, Choi SI, Chou TF, Chouaib S, Choubey D, Choubey V, Chow KC, Chowdhury K, Chu CT, Chuang TH, Chun T, Chung H, Chung T, Chung YL, Chwae YJ, Cianfanelli V, Ciarcia R, Ciechomska IA, Ciriolo MR, Cirone M, Claerhout S, Clague MJ, Clària J, Clarke PG, Clarke R, Clementi E, Cleyrat C, Cnop M, Coccia EM, Cocco T, Codogno P, Coers J, Cohen EE, Colecchia D, Coletto L, Coll NS, Colucci-Guyon E, Comincini S, Condello M, Cook KL, Coombs GH, Cooper CD, Cooper JM, Coppens I, Corasaniti MT, Corazzari M, Corbalan R, Corcelle-Termeau E, Cordero MD, Corral-Ramos C, Corti O, Cossarizza A, Costelli P, Costes S, Cotman SL, Coto-Montes A, Cottet S, Couve E, Covey LR, Cowart LA, Cox JS, Coxon FP, Coyne CB, Cragg MS, Craven RJ, Crepaldi T, Crespo JL, Criollo A, Crippa V, Cruz MT, Cuervo AM, Cuezva JM, Cui T, Cutillas PR, Czaja MJ, Czyzyk-Krzeska MF, Dagda RK, Dahmen U, Dai C, Dai W, Dai Y, Dalby KN, Dalla Valle L, Dalmaso G, D'Amelio M, Damme M, Darfeuille-Michaud A, Dargemont C, Darley-Usmar VM, Dasarathy S, Dasgupta B, Dash S, Dass CR, Davey HM, Davids LM, Dávila D, Davis RJ, Dawson TM, Dawson VL, Daza P, de Belleruche J, de Figueiredo P, de Figueiredo RC, de la Fuente J, De Martino L, De Matteis A, De Meyer GR, De Milito A, De Santi M, de Souza W, De Tata V, De Zio D, Debnath J, Dechant R, Decuypere JP, Deegan S, Dehay B, Del Bello B, Del Re DP, Delage-Mourroux R, Delbridge LM, Deldicque L, Delorme-Axford E, Deng Y, Dengjel J, Denizot M, Dent P, Der CJ, Deretic V, Derrien B, Deutsch E, Devarenne TP, Devenish RJ, Di Bartolomeo S, Di Daniele N, Di Domenico F, Di Nardo A, Di Paola S, Di Pietro A, Di Renzo L, DiAntonio A, Díaz-Araya G, Díaz-Laviada I, Diaz-Meco MT, Diaz-Nido J, Dickey CA, Dickson RC, Diederich M, Digard P, Dikic I, Dinesh-Kumar SP, Ding C, Ding WX, Ding Z, Dini L, Distler JH, Diwan A, Djavaheri-Mergny M, Dmytruk K, Dobson RC, Doetsch V, Dokladny K, Dokudovskaya S, Donadelli M, Dong XC, Dong X, Dong Z,

Donohue TM Jr, Doran KS, D'Orazi G, Dorn GW 2nd, Dosenko V, Dridi S, Drucker L, Du J, Du LL, Du L, du Toit A, Dua P, Duan L, Duann P, Dubey VK, Duchen MR, Duchosal MA, Duez H, Dugail I, Dumit VI, Duncan MC, Dunlop EA, Dunn WA Jr, Dupont N, Dupuis L, Durán RV, Durcan TM, Duvezin- Caubet S, Duvvuri U, Eapen V, Ebrahimi-Fakhari D, Echard A, Eckhart L, Edelstein CL, Edinger AL, Eichinger L, Eisenberg T, Eisenberg-Lerner A, Eissa NT, El-Deiry WS, El-Khoury V, Elazar Z, Eldar-Finkelman H, Elliott CJ, Emanuele E, Emmenegger U, Engedal N, Engelbrecht AM, Engelender S, Enserink JM, Erdmann R, Erenpreisa J, Eri R, Eriksen JL, Erman A, Escalante R, Eskelinen EL, Espert L, Esteban-Martínez L, Evans TJ, Fabri M, Fabrias G, Fabrizi C, Facchiano A, Færgeman NJ, Faggioni A, Fairlie WD, Fan C, Fan D, Fan J, Fang S, Fanto M, Fanzani A, Farkas T, Faure M, Favier FB, Fearnhead H, Federici M, Fei E, Felizardo TC, Feng H, Feng Y, Feng Y, Ferguson TA, Fernández ÁF, Fernandez-Barrena MG, Fernandez-Checa JC, Fernández-López A, Fernandez-Zapico ME, Feron O, Ferraro E, Ferreira-Halder CV, Fesus L, Feuer R, Fiesel FC, Filippi-Chiela EC, Filomeni G, Fimia GM, Fingert JH, Finkbeiner S, Finkel T, Fiorito F, Fisher PB, Flajolet M, Flamigni F, Florey O, Florio S, Floto RA, Folini M, Follo C, Fon EA, Fornai F, Fortunato F, Fraldi A, Franco R, Francois A, François A, Frankel LB, Fraser ID, Frey N, Freyssenet DG, Frezza C, Friedman SL, Frigo DE, Fu D, Fuentes JM, Fueyo J, Fujitani Y, Fujiwara Y, Fujiya M, Fukuda M, Fulda S, Fusco C, Gabryel B, Gaestel M, Gailly P, Gajewska M, Galadari S, Galili G, Galindo I, Galindo MF, Galliciotti G, Galluzzi L, Galluzzi L, Galy V, Gammoh N, Gandy S, Ganesan AK, Ganesan S, Ganley IG, Gannagé M, Gao FB, Gao F, Gao JX, García Nannig L, García Vescovi E, Garcia-Macia M, Garcia-Ruiz C, Garg AD, Garg PK, Gargini R, Gassen NC, Gatica D, Gatti E, Gavard J, Gavathiotis E, Ge L, Ge P, Ge S, Gean PW, Gelmetti V, Genazzani AA, Geng J, Genschik P, Gerner L, Gestwicki JE, Gewirtz DA, Ghavami S, Ghigo E, Ghosh D, Giammarioli AM, Giampieri F, Giampietri C, Giatromanolaki A, Gibbins DJ, Gibellini L, Gibson SB, Ginet V, Giordano A, Giorgini F, Giovannetti E, Girardin SE, Gispert S, Giuliano S, Gladson CL, Glavic A, Gleave M, Godefroy N, Gogal RM Jr, Gokulan K, Goldman GH, Goletti D, Goligorsky MS, Gomes AV, Gomes LC, Gomez H, Gomez-Manzano C, Gómez-Sánchez R, Gonçalves DA, Goncu E, Gong Q, Gongora C, Gonzalez CB, Gonzalez-Alegre P, Gonzalez-Cabo P, González-Polo RA, Goping IS, Gorbea C, Gorbunov NV, Goring DR, Gorman AM, Gorski SM, Goruppi S, Goto-Yamada S, Gotor C, Gottlieb RA, Gozes I, Gozuacik D, Graba Y, Graef M, Granato GE, Grant GD, Grant S, Gravina GL, Green DR, Greenhough A, Greenwood MT, Grimaldi B, Gros F, Grose C, Groulx JF, Gruber F, Grumati P, Grune T, Guan JL, Guan KL, Guerra B, Guillen C, Gulshan K, Gunst J, Guo C, Guo L, Guo M, Guo W, Guo XG, Gust AA, Gustafsson ÅB, Gutierrez E, Gutierrez MG, Gwak HS, Haas A, Haber JE, Hadano S, Hagedorn M, Hahn DR, Halayko AJ, Hamacher-Brady A, Hamada K, Hamai A, Hamann A, Hamasaki M, Hamer I, Hamid Q, Hammond EM, Han F, Han W, Handa JT, Hanover JA, Hansen M, Harada M, Harhaji- Trajkovic L, Harper JW, Harrath AH, Harris AL, Harris J, Hasler U, Hasselblatt P, Hasui K, Hawley RG, Hawley TS, He C, He CY, He F, He G, He RR, He XH, He YW, He YY, Heath JK, Hébert MJ, Heinzen RA, Helgason GV, Hensel M, Henske EP, Her C, Herman PK, Hernández A, Hernandez C, Hernández-Tiedra S, Hetz C, Hiesinger PR, Higaki K, Hilfiker S, Hill BG, Hill JA, Hill WD, Hino K, Hofius D, Hofman P, Höglinger GU, Höhfeld J, Holz MK, Hong Y, Hood DA, Hoozemans JJ, Hoppe T, Hsu C, Hsu CY, Hsu LC, Hu D, Hu G, Hu HM, Hu H, Hu MC, Hu YC, Hu ZW, Hua F, Hua Y, Huang C, Huang HL, Huang KH, Huang KY, Huang S, Huang S, Huang WP, Huang YR, Huang Y, Huang Y, Huber TB, Huebbe P, Huh WK, Hulmi JJ, Hur GM, Hurley JH, Husak Z, Hussain SN, Hussain S, Hwang JJ, Hwang S, Hwang TI, Ichihara A, Imai Y, Imbriano C, Inomata M, Into T, Iovane V, Iovanna JL, Iozzo RV, Ip NY, Irazoqui JE, Iribarren P, Isaka Y, Isakovic AJ, Ischiropoulos H, Isenberg JS, Ishaq M, Ishida H, Ishii I, Ishmael JE, Isidoro C, Isobe K, Isono E, Issazadeh-Navikas S, Itahana K, Itakura E, Ivanov AI, Iyer AK, Izquierdo JM, Izumi Y, Izzo V, Jäättelä M, Jaber N, Jackson DJ, Jackson WT, Jacob TG, Jacques TS, Jagannath C, Jain A, Jana NR, Jang BK, Jani A, Janji B, Jannig PR, Jansson PJ, Jean S, Jendrach M, Jeon JH, Jessen N, Jeung EB, Jia K, Jia L, Jiang H, Jiang H, Jiang L, Jiang T, Jiang X, Jiang X, Jiang X, Jiang Y, Jiang Y, Jiménez A, Jin C, Jin H, Jin L, Jin M, Jin S, Jinwal UK, Jo EK, Johansen T, Johnson DE, Johnson GV, Johnson JD, Jonasch E, Jones C, Joosten LA, Jordan J, Joseph AM, Joseph B, Joubert AM, Ju D, Ju J, Juan HF, Juenemann K, Juhász G, Jung HS, Jung JU, Jung YK, Jungbluth H, Justice MJ, Jutten B, Kaakoush NO, Kaarniranta K, Kaasik A, Kabuta T, Kaeffer B, Kågedal K, Kahana A, Kajimura S, Kakhlon O, Kalia M, Kalvakolanu DV, Kamada Y, Kambas K, Kaminsky VO, Kampinga HH, Kandouz M, Kang C,

Kang R, Kang TC, Kanki T, Kanneganti TD, Kanno H, Kanthasamy AG, Kantorow M, Kaparakis-Liaskos M, Kapuy O, Karantza V, Karim MR, Karmakar P, Kaser A, Kaushik S, Kawula T, Kaynar AM, Ke PY, Ke ZJ, Kehrl JH, Keller KE, Kemper JK, Kenworthy AK, Kepp O, Kern A, Kesari S, Kessel D, Ketteler R, Kettelhut Ido C, Khambu B, Khan MM, Khandelwal VK, Khare S, Kiang JG, Kiger AA, Kihara A, Kim AL, Kim CH, Kim DR, Kim DH, Kim EK, Kim HY, Kim HR, Kim JS, Kim JH, Kim JC, Kim JH, Kim KW, Kim MD, Kim MM, Kim PK, Kim SW, Kim SY, Kim YS, Kim Y, Kimchi A, Kimmelman AC, Kimura T, King JS, Kirkegaard K, Kirkin V, Kirshenbaum LA, Kishi S, Kitajima Y, Kitamoto K, Kitaoka Y, Kitazato K, Kley RA, Klimecki WT, Klinkenberg M, Klucken J, Knævelsrud H, Knecht E, Knuppertz L, Ko JL, Kobayashi S, Koch JC, Koechlin- Ramonatxo C, Koenig U, Koh YH, Köhler K, Kohlwein SD, Koike M, Komatsu M, Kominami E, Kong D, Kong HJ, Konstantakou EG, Kopp BT, Korcsmaros T, Korhonen L, Korolchuk VI, Koshkina NV, Kou Y, Koukourakis MI, Koumenis C, Kovács AL, Kovács T, Kovacs WJ, Koya D, Kraft C, Krainc D, Kramer H, Kravic-Stevovic T, Krek W, Kretz-Remy C, Krick R, Krishnamurthy M, Kriston-Vizi J, Kroemer G, Kruer MC, Kruger R, Ktistakis NT, Kuchitsu K, Kuhn C, Kumar AP, Kumar A, Kumar A, Kumar D, Kumar D, Kumar R, Kumar S, Kundu M, Kung HJ, Kuno A, Kuo SH, Kuret J, Kurz T, Kwok T, Kwon TK, Kwon YT, Kyrmizi I, La Spada AR, Lafont F, Lahm T, Lakkaraju A, Lam T, Lamark T, Lancel S, Landowski TH, Lane DJ, Lane JD, Lanzi C, Lapaquette P, Lapierre LR, Laporte J, Laukkarinen J, Laurie GW, Lavandero S, Lavie L, LaVoie MJ, Law BY, Law HK, Law KB, Layfield R, Lazo PA, Le Cam L, Le Roch KG, Le Stunff H, Leardkamolkarn V, Lecuit M, Lee BH, Lee CH, Lee EF, Lee GM, Lee HJ, Lee H, Lee JK, Lee J, Lee JH, Lee JH, Lee M, Lee MS, Lee PJ, Lee SW, Lee SJ, Lee SJ, Lee SY, Lee SH, Lee SS, Lee SJ, Lee S, Lee YR, Lee YJ, Lee YH, Leeuwenburgh C, Lefort S, Legouis R, Lei J, Lei QY, Leib DA, Leibowitz G, Lekli I, Lemaire SD, Lemasters JJ, Lemberg MK, Lemoine A, Leng S, Lenz G, Lenzi P, Lerman LO, Lettieri Barbato D, Leu JI, Leung HY, Levine B, Lewis PA, Lezoualc'h F, Li C, Li F, Li FJ, Li J, Li K, Li L, Li M, Li M, Li Q, Li R, Li S, Li W, Li W, Li X, Li Y, Lian J, Liang C, Liang Q, Liao Y, Liberal J, Liberski PP, Lie P, Lieberman AP, Lim HJ, Lim KL, Lim K, Lima RT, Lin CS, Lin CF, Lin F, Lin F, Lin FC, Lin K, Lin KH, Lin PH, Lin T, Lin WW, Lin YS, Lin Y, Linden R, Lindholm D, Lindqvist LM, Lingor P, Linkermann A, Liotta LA, Lipinski MM, Lira VA, Lisanti MP, Liton PB, Liu B, Liu C, Liu CF, Liu F, Liu HJ, Liu J, Liu JJ, Liu JL, Liu K, Liu L, Liu L, Liu Q, Liu RY, Liu S, Liu S, Liu W, Liu XD, Liu X, Liu XH, Liu X, Liu X, Liu X, Liu Y, Liu Y, Liu Z, Liu Z, Liuzzi JP, Lizard G, Ljujic M, Lodhi IJ, Logue SE, Lokeshwar BL, Long YC, Lonial S, Loos B, López-Otín C, López-Vicario C, Lorente M, Lorenzi PL, Lőrincz P, Los M, Lotze MT, Lovat PE, Lu B, Lu B, Lu J, Lu Q, Lu SM, Lu S, Lu Y, Luciano F, Luckhart S, Lucocq JM, Ludovico P, Lugea A, Lukacs NW, Lum JJ, Lund AH, Luo H, Luo J, Luo S, Luparello C, Lyons T, Ma J, Ma Y, Ma Y, Ma Z, Machado J, Machado-Santelli GM, Macian F, MacIntosh GC, MacKeigan JP, Macleod KF, MacMicking JD, MacMillan-Crow LA, Madeo F, Madesh M, Madrigal-Matute J, Maeda A, Maeda T, Maegawa G, Maellaro E, Maes H, Magariños M, Maiese K, Maiti TK, Maiuri L, Maiuri MC, Maki CG, Malli R, Malorni W, Maloyan A, Mami-Chouaib F, Man N, Mancias JD, Mandelkow EM, Mandell MA, Manfredi AA, Manié SN, Manzoni C, Mao K, Mao Z, Mao ZW, Marambaud P, Marconi AM, Marelja Z, Marfe G, Margeta M, Margittai E, Mari M, Mariani FV, Marin C, Marinelli S, Mariño G, Markovic I, Marquez R, Martelli AM, Martens S, Martin KR, Martin SJ, Martin S, Martin-Acebes MA, Martín-Sanz P, Martinand-Mari C, Martinet W, Martinez J, Martinez-Lopez N, Martinez-Outschoorn U, Martínez-Velázquez M, Martinez-Vicente M, Martins WK, Mashima H, Mastrianni JA, Matarese G, Matarrese P, Mateo R, Matoba S, Matsumoto N, Matsushita T, Matsuura A, Matsuzawa T, Mattson MP, Matus S, Maugeri N, Mauvezin C, Mayer A, Maysinger D, Mazzolini GD, McBrayer MK, McCall K, McCormick C, McInerney GM, McIver SC, McKenna S, McMahan JJ, McNeish IA, Mechta-Grigoriou F, Medema JP, Medina DL, Megyeri K, Mehrpour M, Mehta JL, Mei Y, Meier UC, Meijer AJ, Meléndez A, Melino G, Melino S, de Melo EJ, Mena MA, Meneghini MD, Menendez JA, Menezes R, Meng L, Meng LH, Meng S, Menghini R, Menko AS, Menna-Barreto RF, Menon MB, Meraz-Ríos MA, Merla G, Merlini L, Merlot AM, Meryk A, Meschini S, Meyer JN, Mi MT, Miao CY, Micale L, Michaeli S, Michiels C, Migliaccio AR, Mihailidou AS, Mijaljica D, Mikoshiba K, Milan E, Miller-Fleming L, Mills GB, Mills IG, Minakaki G, Minassian BA, Ming XF, Minibayeva F, Minina EA, Mintern JD, Minucci S, Miranda-Vizuete A, Mitchell CH, Miyamoto S, Miyazawa K, Mizushima N, Mnich K, Mograbi B, Mohseni S, Moita LF, Molinari M, Molinari M, Møller AB, Mollereau B, Mollinedo F, Mongillo M, Monick MM, Montagnaro S, Montell C, Moore DJ, Moore MN, Mora-Rodriguez R, Moreira PI, Morel E, Morelli MB, Moreno S, Morgan

MJ, Moris A, Moriyasu Y, Morrison JL, Morrison LA, Morselli E, Moscat J, Moseley PL, Mostowy S, Motori E, Mottet D, Mottram JC, Moussa CE, Mpakou VE, Mukhtar H, Mulcahy Levy JM, Muller S, Muñoz-Moreno R, Muñoz-Pinedo C, Münz C, Murphy ME, Murray JT, Murthy A, Mysorekar IU, Nabi IR, Nabissi M, Nader GA, Nagahara Y, Nagai Y, Nagata K, Nagelkerke A, Nagy P, Naidu SR, Nair S, Nakano H, Nakatogawa H, Nanjundan M, Napolitano G, Naqvi NI, Nardacci R, Narendra DP, Narita M, Nascimbeni AC, Natarajan R, Navegantes LC, Nawrocki ST, Nazarko TY, Nazarko VY, Neill T, Neri LM, Netea MG, Netea-Maier RT, Neves BM, Ney PA, Nezis IP, Nguyen HT, Nguyen HP, Nicot AS, Nilsen H, Nilsson P, Nishimura M, Nishino I, Niso-Santano M, Niu H, Nixon RA, Njar VC, Noda T, Noegel AA, Nolte EM, Norberg E, Norga KK, Noureini SK, Notomi S, Notterpek L, Nowikovsky K, Nukina N, Nürnberger T, O'Donnell VB, O'Donovan T, O'Dwyer PJ, Oehme I, Oeste CL, Ogawa M, Ogretmen B, Ogura Y, Oh YJ, Ohmuraya M, Ohshima T, Ojha R, Okamoto K, Okazaki T, Oliver FJ, Ollinger K, Olsson S, Orban DP, Ordonez P, Orhon I, Orosz L, O'Rourke EJ, Orozco H, Ortega AL, Ortona E, Osellame LD, Oshima J, Oshima S, Osiewacz HD, Otomo T, Otsu K, Ou JH, Outeiro TF, Ouyang DY, Ouyang H, Overholtzer M, Ozbun MA, Ozdinler PH, Ozpolat B, Pacelli C, Paganetti P, Page G, Pages G, Pagnini U, Pajak B, Pak SC, Pakos-Zebrucka K, Pakpour N, Palková Z, Palladino F, Pallauf K, Pallet N, Palmieri M, Paludan SR, Palumbo C, Palumbo S, Pampliega O, Pan H, Pan W, Panaretakis T, Pandey A, Pantazopoulou A, Papackova Z, Papademetrio DL, Papassideri I, Papini A, Parajuli N, Pardo J, Parekh VV, Parenti G, Park JI, Park J, Park OK, Parker R, Parlato R, Parys JB, Parzych KR, Pasquet JM, Pasquier B, Pasumarthi KB, Patschan D, Patterson C, Pattingre S, Pattison S, Pause A, Pavenstädt H, Pavone F, Pedrozo Z, Peña FJ, Peñalva MA, Pende M, Peng J, Penna F, Penninger JM, Pensalfini A, Pepe S, Pereira GJ, Pereira PC, Pérez-de la Cruz V, Pérez-Pérez ME, Pérez-Rodríguez D, Pérez-Sala D, Perier C, Perl A, Perlmutter DH, Perrotta I, Pervaiz S, Pesonen M, Pessin JE, Peters GJ, Petersen M, Petrache I, Petrof BJ, Petrovski G, Phang JM, Piacentini M, Pierdominici M, Pierre P, Pierrefite-Carle V, Pietrocola F, Pimentel-Muiños FX, Pinar M, Pineda B, Pinkas-Kramarski R, Pinti M, Pinton P, Piperdi B, Piret JM, Plataniias LC, Platta HW, Plowey ED, Pöggeler S, Poirot M, Polčić P, Poletti A, Poon AH, Popelka H, Popova B, Poprawa I, Poulouse SM, Poulton J, Powers SK, Powers T, Pozuelo-Rubio M, Prak K, Prange R, Prescott M, Priault M, Prince S, Proia RL, Proikas-Cezanne T, Prokisch H, Promponas VJ, Przyklenk K, Puertollano R, Pugazhenthii S, Puglielli L, Pujol A, Puyal J, Pyeon D, Qi X, Qian WB, Qin ZH, Qiu Y, Qu Z, Cuadrilatero J, Quinn F, Raben N, Rabinowich H, Radogna F, Ragusa MJ, Rahmani M, Raina K, Ramanadham S, Ramesh R, Rami A, Randall-Demllo S, Randow F, Rao H, Rao VA, Rasmussen BB, Rasse TM, Ratovitski EA, Rautou PE, Ray SK, Razani B, Reed BH, Reggiori F, Rehm M, Reichert AS, Rein T, Reiner DJ, Reits E, Ren J, Ren X, Renna M, Reusch JE, Revuelta JL, Reyes L, Rezaie AR, Richards RI, Richardson DR, Richetta C, Riehle MA, Rihn BH, Rikihisa Y, Riley BE, Rimbach G, Rippo MR, Ritis K, Rizzi F, Rizzo E, Roach PJ, Robbins J, Roberge M, Roca G, Roccheri MC, Rocha S, Rodrigues CM, Rodríguez CI, de Cordoba SR, Rodriguez-Muela N, Roelofs J, Rogov VV, Rohn TT, Rohrer B, Romanelli D, Romani L, Romano PS, Roncero MI, Rosa JL, Rosello A, Rosen KV, Rosenstiel P, Rost-Roszkowska M, Roth KA, Roué G, Rouis M, Rouschop KM, Ruan DT, Ruano D, Rubinsztein DC, Rucker EB 3rd, Rudich A, Rudolf E, Rudolf R, Ruegg MA, Ruiz-Roldan C, Ruparelina AA, Rusmini P, Russ DW, Russo GL, Russo G, Russo R, Rusten TE, Ryabovol V, Ryan KM, Ryter SW, Sabatini DM, Sacher M, Sachse C, Sack MN, Sadoshima J, Saftig P, Sagi- Eisenberg R, Sahni S, Saikumar P, Saito T, Saitoh T, Sakakura K, Sakoh- Nakatogawa M, Sakuraba Y, Salazar-Roa M, Salomoni P, Saluja AK, Salvaterra PM, Salvioli R, Samali A, Sanchez AM, Sánchez-Alcázar JA, Sanchez-Prieto R, Sandri M, Sanjuan MA, Santaguida S, Santambrogio L, Santoni G, Dos Santos CN, Saran S, Sardiello M, Sargent G, Sarkar P, Sarkar S, Sarrias MR, Sarwal MM, Sasakawa C, Sasaki M, Sass M, Sato K, Sato M, Satriano J, Savaraj N, Saveljeva S, Schaefer L, Schaible UE, Scharl M, Schatzl HM, Schekman R, Scheper W, Schiavi A, Schipper HM, Schmeisser H, Schmidt J, Schmitz I, Schneider BE, Schneider EM, Schneider JL, Schon EA, Schönenberger MJ, Schönthal AH, Schorderet DF, Schröder B, Schuck S, Schulze RJ, Schwarten M, Schwarz TL, Sciarretta S, Scotto K, Scovassi AI, Screatton RA, Screen M, Seca H, Sedej S, Segatori L, Segev N, Seglen PO, Seguí- Simarro JM, Segura-Aguilar J, Seki E, Sell C, Seiliez I, Semenkovich CF, Semenza GL, Sen U, Serra AL, Serrano-Puebla A, Sesaki H, Setoguchi T, Settembre C, Shacka JJ, Shajahan-Haq AN, Shapiro IM, Sharma S, She H, Shen CK, Shen CC, Shen HM, Shen S, Shen W, Sheng R, Sheng X, Sheng ZH, Shepherd TG, Shi J, Shi Q, Shi Q, Shi Y,

Shibutani S, Shibuya K, Shidoji Y, Shieh JJ, Shih CM, Shimada Y, Shimizu S, Shin DW, Shinohara ML, Shintani M, Shintani T, Shioi T, Shirabe K, Shiri-Sverdlov R, Shirihai O, Shore GC, Shu CW, Shukla D, Sibirny AA, Sica V, Sigurdson CJ, Sigurdsson EM, Sijwali PS, Sikorska B, Silveira WA, Silvente- Poirot S, Silverman GA, Simak J, Simmet T, Simon AK, Simon HU, Simone C, Simons M, Simonsen A, Singh R, Singh SV, Singh SK, Sinha D, Sinha S, Sinicrope FA, Sirko A, Sirohi K, Sishi BJ, Sittler A, Siu PM, Sivridis E, Skwarska A, Slack R, Slaninová I, Slavov N, Smaili SS, Smalley KS, Smith DR, Soenen SJ, Soleimanpour SA, Solhaug A, Somasundaram K, Son JH, Sonawane A, Song C, Song F, Song HK, Song JX, Song W, Soo KY, Sood AK, Soong TW, Soontornniyomkij V, Sorice M, Sotgia F, Soto-Pantoja DR, Sotthibundhu A, Sousa MJ, Spaink HP, Span PN, Spang A, Sparks JD, Speck PG, Spector SA, Spies CD, Springer W, Clair DS, Stacchiotti A, Staels B, Stang MT, Starczynowski DT, Starokadomskyy P, Steegborn C, Steele JW, Stefanis L, Steffan J, Stellrecht CM, Stenmark H, Stepkowski TM, Stern ST, Stevens C, Stockwell BR, Stoka V, Storchova Z, Stork B, Stratoulas V, Stravopodis DJ, Strnad P, Strohecker AM, Ström AL, Stromhaug P, Stulik J, Su YX, Su Z, Subauste CS, Subramaniam S, Sue CM, Suh SW, Sui X, Sukserree S, Sulzer D, Sun FL, Sun J, Sun J, Sun SY, Sun Y, Sun Y, Sun Y, Sundaramoorthy V, Sung J, Suzuki H, Suzuki K, Suzuki N, Suzuki T, Suzuki YJ, Swanson MS, Swanton C, Swärd K, Swarup G, Sweeney ST, Sylvester PW, Szatmari Z, Szegezdi E, Szlosarek PW, Taegtmeier H, Tafani M, Taillebourg E, Tait SW, Takacs-Vellai K, Takahashi Y, Takáts S, Takemura G, Takigawa N, Talbot NJ, Tamagno E, Tamburini J, Tan CP, Tan L, Tan ML, Tan M, Tan YJ, Tanaka K, Tanaka M, Tang D, Tang D, Tang G, Tanida I, Tanji K, Tannous BA, Tapia JA, Tasset-Cuevas I, Tatar M, Tavassoly I, Tavernarakis N, Taylor A, Taylor GS, Taylor GA, Taylor JP, Taylor MJ, Tchetina EV, Tee AR, Teixeira-Clerc F, Telang S, Tencomnao T, Teng BB, Teng RJ, Terro F, Tettamanti G, Theiss AL, Theron AE, Thomas KJ, Thomé MP, Thomes PG, Thorburn A, Thorner J, Thum T, Thumm M, Thurston TL, Tian L, Till A, Ting JP, Titorenko VI, Toker L, Toldo S, Tooze SA, Topisirovic I, Torgersen ML, Torosantucci L, Torriglia A, Torrisi MR, Tournier C, Towns R, Trajkovic V, Travassos LH, Triola G, Tripathi DN, Trisciuglio D, Troncoso R, Trougakos IP, Truttmann AC, Tsai KJ, Tschan MP, Tseng YH, Tsukuba T, Tsung A, Tsvetkov AS, Tu S, Tuan HY, Tucci M, Tumbarello DA, Turk B, Turk V, Turner RF, Tveita AA, Tyagi SC, Ubukata M, Uchiyama Y, Udelnow A, Ueno T, Umekawa M, Umemiya-Shirafuji R, Underwood BR, Ungermann C, Ureshino RP, Ushioda R, Uversky VN, Uzcátegui NL, Vaccari T, Vaccaro MI, Váchová L, Vakifahmetoglu-Norberg H, Valdor R, Valente EM, Vallette F, Valverde AM, Van den Berghe G, Van Den Bosch L, van den Brink GR, van der Goot FG, van der Klei IJ, van der Laan LJ, van Doorn WG, van Egmond M, van Golen KL, Van Kaer L, van Lookeren Campagne M, Vandenabeele P, Vandenberghe W, Vanhorebeek I, Varela-Nieto I, Vasconcelos MH, Vasko R, Vavvas DG, Vega-Naredo I, Velasco G, Velentzas AD, Velentzas PD, Vellai T, Vellenga E, Vendelbo MH, Venkatachalam K, Ventura N, Ventura S, Veras PS, Verdier M, Vertessy BG, Viale A, Vidal M, Vieira HL, Vierstra RD, Vigneswaran N, Vij N, Vila M, Villar M, Villar VH, Villarroja J, Vindis C, Viola G, Viscomi MT, Vitale G, Vogl DT, Voitsekhovskaja OV, von Haefen C, von Schwarzenberg K, Voth DE, Vouret-Craviari V, Vuori K, Vyas JM, Waeber C, Walker CL, Walker MJ, Walter J, Wan L, Wan X, Wang B, Wang C, Wang CY, Wang C, Wang C, Wang C, Wang D, Wang F, Wang F, Wang G, Wang HJ, Wang H, Wang HG, Wang H, Wang HD, Wang J, Wang J, Wang M, Wang MQ, Wang PY, Wang P, Wang RC, Wang S, Wang TF, Wang X, Wang XJ, Wang XW, Wang X, Wang X, Wang Y, Wang Y, Wang Y, Wang YJ, Wang Y, Wang Y, Wang Y, Wang Y, Wang Y, Wang Y, Wang Y, Wang Y, Wang Y, Wang Y, Wang Y, Wang Z, Wang ZN, Wappner P, Ward C, Ward DM, Warnes G, Watada H, Watanabe Y, Watase K, Weaver TE, Weekes CD, Wei J, Weide T, Weigl CC, Weindl G, Weis SN, Wen L, Wen X, Wen Y, Westermann B, Weyand CM, White AR, White E, Whitton JL, Whitworth AJ, Wiels J, Wild F, Wildenberg ME, Wileman T, Wilkinson DS, Wilkinson S, Willbold D, Williams C, Williams K, Williamson PR, Winkelhofer KF, Witkin SS, Wohlgenuth SE, Wollert T, Wolvetang EJ, Wong E, Wong GW, Wong RW, Wong VK, Woodcock EA, Wright KL, Wu C, Wu D, Wu GS, Wu J, Wu J, Wu M, Wu M, Wu S, Wu WK, Wu Y, Wu Z, Xavier CP, Xavier RJ, Xia GX, Xia T, Xia W, Xia Y, Xiao H, Xiao J, Xiao S, Xiao W, Xie CM, Xie Z, Xie Z, Xilouri M, Xiong Y, Xu C, Xu C, Xu F, Xu H, Xu H, Xu J, Xu J, Xu J, Xu L, Xu X, Xu Y, Xu Y, Xu ZX, Xu Z, Xue Y, Yamada T, Yamamoto A, Yamanaka K, Yamashina S, Yamashiro S, Yan B, Yan B, Yan X, Yan Z, Yanagi Y, Yang DS, Yang JM, Yang L, Yang M, Yang PM, Yang P, Yang Q, Yang W, Yang WY, Yang X, Yang Y, Yang Y, Yang Z, Yang Z, Yao MC, Yao PJ, Yao X, Yao Z, Yao Z, Yasui LS, Ye M, Yedvobnick B, Yeganeh B, Yeh ES, Yeyati PL, Yi F, Yi L, Yin XM, Yip

CK, Yoo YM, Yoo YH, Yoon SY, Yoshida K, Yoshimori T, Young KH, Yu H, Yu JJ, Yu JT, Yu J, Yu L, Yu WH, Yu XF, Yu Z, Yuan J, Yuan ZM, Yue BY, Yue J, Yue Z, Zacks DN, Zacksenhaus E, Zaffaroni N, Zaglia T, Zakeri Z, Zecchini V, Zeng J, Zeng M, Zeng Q, Zervos AS, Zhang DD, Zhang F, Zhang G, Zhang GC, Zhang H, Zhang H, Zhang H, Zhang H, Zhang J, Zhang J, Zhang J, Zhang J, Zhang JP, Zhang L, Zhang L, Zhang L, Zhang L, Zhang MY, Zhang X, Zhang XD, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhao M, Zhao WL, Zhao X, Zhao YG, Zhao Y, Zhao Y, Zhao YX, Zhao Z, Zhao ZJ, Zheng D, Zheng XL, Zheng X, Zhivotovsky B, Zhong Q, Zhou GZ, Zhou G, Zhou H, Zhou SF, Zhou XJ, Zhu H, Zhu H, Zhu WG, Zhu W, Zhu XF, Zhu Y, Zhuang SM, Zhuang X, Ziparo E, Zois CE, Zoladek T, Zong WX, Zorzano A, Zughai SM. Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*. 2016;12(1):1-222. doi: 10.1080/15548627.2015.1100356. Erratum in: *Autophagy*. 2016;12(2):443. Selliez, Iban [corrected to Seiliez, Iban]. PMID: 26799652; PMCID: PMC4835977.

840: Lee JE, Jeong DU, Lee J, Chang WS, Chang JW. The effect of nucleus basalis magnocellularis deep brain stimulation on memory function in a rat model of dementia. *BMC Neurol*. 2016 Jan 12;16:6. doi: 10.1186/s12883-016-0529-z. PMID: 26757896; PMCID: PMC4711102.

841: Park HH, Lee KS, Hong CK. Vertebral Artery Transposition Via an Extreme- Lateral Approach for Anterior Foramen Magnum Meningioma or Craniocervical Junction Tumors. *World Neurosurg*. 2016 Apr;88:154-165. doi: 10.1016/j.wneu.2015.12.073. Epub 2015 Dec 31. PMID: 26748172.

842: Charidimou A, Yeon S, Song M. Exploring cerebral small vessel disease research using informetrics: a first glimpse into microbleeds. *Int J Stroke*. 2015 Dec;10(8):E87-8. doi: 10.1111/ijvs.12617. PMID: 26745706.

843: Kim CS, Kim SY, Choi H, Koo JW, Yoo SY, An GS, Lee K, Choi I, Song JJ. Transmastoid reshaping of the sigmoid sinus: preliminary study of a novel surgical method to quiet pulsatile tinnitus of an unrecognized vascular origin. *J Neurosurg*. 2016 Aug;125(2):441-9. doi: 10.3171/2015.6.JNS15961. Epub 2016 Jan 8. PMID: 26745481.

844: Shim KW, Lee MJ, Lee MC, Park EK, Kim DS, Hong H, Kim YO. Computer-assisted shape descriptors for skull morphology in craniosynostosis. *Childs Nerv Syst*. 2016 Mar;32(3):511-7. doi: 10.1007/s00381-015-2995-9. Epub 2016 Jan 7. PMID: 26743921.

845: Choo YS, Kim YB, Shin YS, Joo JY. Deep Intracerebral Hemorrhage Caused by Rupture of Distal Lenticulostriate Artery Aneurysm : A Report of Two Cases and a Literature Review. *J Korean Neurosurg Soc*. 2015 Nov;58(5):471-5. doi: 10.3340/jkns.2015.58.5.471. Epub 2015 Nov 30. PMID: 26713149; PMCID: PMC4688318.

846: Park HH, Hong CK, Jung HH, Chang WS, Kim CH, Lee WS, Lee SC, Park YG, Chang JH. The Role of Radiosurgery in the Management of Benign Head and Neck Tumors. *World Neurosurg*. 2016 Mar;87:116-23. doi: 10.1016/j.wneu.2015.11.053. Epub 2015 Dec 17. PMID: 26704197.

847: Hwang E, Yoo KC, Kang SG, Kim RK, Cui YH, Lee HJ, Kim MJ, Lee JS, Kim IG, Suh Y, Lee SJ. PKC δ activated by c-MET enhances infiltration of human glioblastoma cells through NOTCH2 signaling. *Oncotarget*. 2016 Jan 26;7(4):4890-902. doi: 10.18632/oncotarget.6640. PMID: 26700818; PMCID: PMC4826251.

848: Otsuki T, Kim HD, Luan G, Inoue Y, Baba H, Oguni H, Hong SC, Kameyama S, Kobayashi K, Hirose S, Yamamoto H, Hamano S, Sugai K; FACE Study Group. Surgical versus medical treatment for children with epileptic encephalopathy in infancy and early childhood: Results of an international multicenter cohort study in Far-East Asia (the FACE study). *Brain Dev*. 2016 May;38(5):449-60. doi:

10.1016/j.braindev.2015.11.004. Epub 2015 Dec 10. PMID: 26686601.

849: Cho PG, Ji GY, Shin DA, Ha Y, Yoon DH, Kim KN. An effect comparison of teriparatide and bisphosphonate on posterior lumbar interbody fusion in patients with osteoporosis: a prospective cohort study and preliminary data. *Eur Spine J*. 2017 Mar;26(3):691-697. doi: 10.1007/s00586-015-4342-y. Epub 2015 Dec 10. PMID: 26661639.

850: Moon BJ, Smith JS, Ames CP, Shaffrey CI, Lafage V, Schwab F, Matsumoto M, Baik JS, Ha Y. Prevalence and type of cervical deformities among adults with Parkinson's disease: a cross-sectional study. *J Neurosurg Spine*. 2016 Apr;24(4):527-34. doi: 10.3171/2015.6.SPINE141197. Epub 2015 Dec 11. PMID: 26654338.

851: Lee SH, Suk KS, Kang KC, Cho SW, Juh HS, Lee JH, Kim KT. Outcomes and Related Factors of C5 Palsy Following Cervical Laminectomy With Instrumented Fusion Compared With Laminoplasty. *Spine (Phila Pa 1976)*. 2016 May;41(10):E574-9. doi: 10.1097/BRS.0000000000001343. PMID: 26650877.

852: Jeong DU, Oh JH, Lee JE, Lee J, Cho ZH, Chang JW, Chang WS. Basal Forebrain Cholinergic Deficits Reduce Glucose Metabolism and Function of Cholinergic and GABAergic Systems in the Cingulate Cortex. *Yonsei Med J*. 2016 Jan;57(1):165-72. doi: 10.3349/ymj.2016.57.1.165. PMID: 26632397; PMCID: PMC4696949.

853: Lee YH, Kim WJ, Lee MH, Kim SY, Seo DH, Kim HS, Gelinsky M, Kim TJ. Anti-skeletal muscle atrophy effect of *Oenothera odorata* root extract via reactive oxygen species-dependent signaling pathways in cellular and mouse model. *Biosci Biotechnol Biochem*. 2016;80(1):80-8. doi: 10.1080/09168451.2015.1075861. Epub 2015 Aug 19. PMID: 26613402.

854: Park HH, Roh TH, Kang SG, Kim EH, Hong CK, Kim SH, Ahn SS, Lee SK, Choi HJ, Cho J, Kim SH, Lee KS, Suh CO, Chang JH. Pseudoprogression in glioblastoma patients: the impact of extent of resection. *J Neurooncol*. 2016 Feb;126(3):559-66. doi: 10.1007/s11060-015-2001-0. Epub 2015 Nov 25. PMID: 26608521.

855: Yoon SJ, Hong CK. Remote Cerebellar Infarction after Supratentorial Craniotomy and Its Management: Two Case Reports. *Brain Tumor Res Treat*. 2015 Oct;3(2):141-6. doi: 10.14791/btrt.2015.3.2.141. Epub 2015 Oct 30. PMID: 26605273; PMCID: PMC4656893.

856: Jang CK, Jung HH, Chang JH, Chang JW, Park YG, Chang WS. Long-Term Results of Gamma Knife Radiosurgery for Intracranial Meningioma. *Brain Tumor Res Treat*. 2015 Oct;3(2):103-7. doi: 10.14791/btrt.2015.3.2.103. Epub 2015 Oct 30. PMID: 26605265; PMCID: PMC4656885.

857: Chung J, Seok JH, Kwon MA, Kim YB, Joo JY, Hong CK. Effects of preventive surgery for unruptured intracranial aneurysms on attention, executive function, learning and memory: a prospective cohort study. *Acta Neurochir (Wien)*. 2016 Jan;158(1):197-205. doi: 10.1007/s00701-015-2641-z. Epub 2015 Nov 25. PMID: 26602237.

858: Shin JC, Kim KN, Yoo J, Kim IS, Yun S, Lee H, Jung K, Hwang K, Kim M, Lee IS, Shin JE, Park KI. Clinical Trial of Human Fetal Brain-Derived Neural Stem/Progenitor Cell Transplantation in Patients with Traumatic Cervical Spinal Cord Injury. *Neural Plast*. 2015;2015:630932. doi: 10.1155/2015/630932. Epub 2015 Oct 11. PMID: 26568892; PMCID: PMC4619963.

859: Hong ZY, Lee CG, Shim HS, Lee EJ, Song KH, Choi BW, Cho J, Story MD. Time, Dose, and Volume Responses in a Mouse Pulmonary Injury Model Following Ablative Irradiation. *Lung*. 2016 Feb;194(1):81-90. doi: 10.1007/s00408-015-9825-4. Epub 2015 Nov 12. PMID: 26563330.

- 860: Ryu SJ, Zhang HY. Neurilemmoma of Deep Peroneal Nerve Sensory Branch : Thermographic Findings with Compression Test. *J Korean Neurosurg Soc.* 2015 Sep;58(3):286-90. doi: 10.3340/jkns.2015.58.3.286. Epub 2015 Sep 30. PMID: 26539275; PMCID: PMC4630363.
- 861: Kim HJ, Jin Roh K, Oh HS, Chang WS, Moon IS. Quality of Life in Patients With Vestibular Schwannomas According to Management Strategy. *Otol Neurotol.* 2015 Dec;36(10):1725-9. doi: 10.1097/MAO.0000000000000885. PMID: 26529056.
- 862: Yoon SJ, Joo JY, Kim YB, Hong CK, Chung J. Effects of Prophylactic Antiepileptic Drugs on Clinical Outcomes in Patients with a Good Clinical Grade Suffering from Aneurysmal Subarachnoid Hemorrhage. *J Cerebrovasc Endovasc Neurosurg.* 2015 Sep;17(3):166-72. doi: 10.7461/jcen.2015.17.3.166. Epub 2015 Sep 30. PMID: 26526008; PMCID: PMC4626338.
- 863: Baek ST, Copeland B, Yun EJ, Kwon SK, Guemez-Gamboa A, Schaffer AE, Kim S, Kang HC, Song S, Mathern GW, Gleeson JG. An AKT3-FOXG1-reelin network underlies defective migration in human focal malformations of cortical development. *Nat Med.* 2015 Dec;21(12):1445-54. doi: 10.1038/nm.3982. Epub 2015 Nov 2. PMID: 26523971; PMCID: PMC4955611.
- 864: Kim B, Yoon DH, Ha Y, Yi S, Shin DA, Lee CK, Lee N, Kim KN. Relationship between T1 slope and loss of lordosis after laminoplasty in patients with cervical ossification of the posterior longitudinal ligament. *Spine J.* 2016 Feb;16(2):219-25. doi: 10.1016/j.spinee.2015.10.042. Epub 2015 Oct 30. PMID: 26523967.
- 865: Yoon SJ, Shin NY, Lee JW, Huh SK, Park KY. Localization and Treatment of Unruptured Paraclinoid Aneurysms: A Proton Density MRI-based Study. *J Cerebrovasc Endovasc Neurosurg.* 2015 Sep;17(3):180-4. doi: 10.7461/jcen.2015.17.3.180. Epub 2015 Sep 30. PMID: 26523253; PMCID: PMC4626340.
- 866: Choi SK, Lee SH, Kim B, Minn YK, Kim KN, Kim SH. Findings from frozen sections of spinal subependymomas: Is it possible to differentiate this diagnosis from other common spinal tumors? *Brain Tumor Pathol.* 2016 Jan;33(1):19-26. doi: 10.1007/s10014-015-0237-1. Epub 2015 Oct 29. PMID: 26515302.
- 867: Jeon HS, Kim KN. Delayed Bilateral C5 Palsy following Circumferential Decompression and Fusion in Patient with Cervical Spondylotic Myelopathy. *Korean J Spine.* 2015 Sep;12(3):200-3. doi: 10.14245/kjs.2015.12.3.200. Epub 2015 Sep 30. PMID: 26512284; PMCID: PMC4623184.
- 868: Jeon H, Shin DA. Experimental Set Up of P300 Based Brain Computer Interface Using a Bioamplifier and BCI2000 System for Patients with Spinal Cord Injury. *Korean J Spine.* 2015 Sep;12(3):119-23. doi: 10.14245/kjs.2015.12.3.119. Epub 2015 Sep 30. PMID: 26512264; PMCID: PMC4623164.
- 869: Kim JW, Kim BM, Park KY, Kim DJ, Kim DI. Onyx Embolization for Isolated Type Dural Arteriovenous Fistula Using a Dual-Lumen Balloon Catheter. *Neurosurgery.* 2016 May;78(5):627-36. doi: 10.1227/NEU.0000000000001069. PMID: 26488328.
- 870: Kwon SM, Kang SH, Park CK, Jung S, Park ES, Lee JS, Kim SH, Woo HG. Recurrent Glioblastomas Reveal Molecular Subtypes Associated with Mechanistic Implications of Drug-Resistance. *PLoS One.* 2015 Oct 14;10(10):e0140528. doi: 10.1371/journal.pone.0140528. PMID: 26466313; PMCID: PMC4605710.
- 871: Cha YJ, Nahm JH, Ko JE, Shin HJ, Chang JH, Cho NH, Kim SH. Pathological Evaluation of Radiation-Induced Vascular Lesions of the Brain: Distinct from De Novo Cavemous Hemangioma. *Yonsei Med J.*

2015 Nov;56(6):1714-20. doi: 10.3349/ymj.2015.56.6.1714. PMID: 26446658; PMCID: PMC4630064.

872: Ozawa T, Toyone T, Shibo R, Inada K, Oikawa Y, Takahashi K, Ohtori S, Inoue G, Miyagi M, Ishikawa T, Shirahata T, Kudo Y, Inagaki K. Modified Open-Door Laminoplasty Using a Ceramic Spacer and Suture Fixation for Cervical Myelopathy. *Yonsei Med J*. 2015 Nov;56(6):1651-5. doi: 10.3349/ymj.2015.56.6.1651. PMID: 26446650; PMCID: PMC4630056.

873: Oh CH, Ji GY, Yoon SH, Hyun D, Park HC, Kim YJ. Paralytic Ileus and Prophylactic Gastrointestinal Motility Medication after Spinal Operation. *Yonsei Med J*. 2015 Nov;56(6):1627-31. doi: 10.3349/ymj.2015.56.6.1627. PMID: 26446646; PMCID: PMC4630052.

874: Park JY, Kim KH, Kuh SU, Chin DK, Kim KS, Cho YE. Joint kinematics of surgeons during lumbar pedicle screw placement. *Int J Med Robot*. 2016 Dec;12(4):701-709. doi: 10.1002/rcs.1708. Epub 2015 Oct 6. PMID: 26443712.

875: Kim DH, Ko SB, Cha JK, Hong KS, Yu KH, Heo JH, Kwon SU, Bae HJ, Lee BC, Yoon BW, Kim JE, Kang HS, Seo DH, Park SQ, Sheen SH, Park HS, Kang SD, Kim JM, Oh CW, Park IS, Rha JH. Updated Korean Clinical Practice Guidelines on Decompressive Surgery for Malignant Middle Cerebral Artery Territory Infarction. *J Stroke*. 2015 Sep;17(3):369-76. doi: 10.5853/jos.2015.17.3.369. Epub 2015 Sep 30. PMID: 26438005; PMCID: PMC4635709.

876: Park W, Park JC, Han K, Ahn JS, Kwun BD. Anterior Optic Pathway Compression Due to Internal Carotid Artery Aneurysms: Neurosurgical Management and Outcomes. *J Stroke*. 2015 Sep;17(3):344-53. doi: 10.5853/jos.2015.17.3.344. Epub 2015 Sep 30. PMID: 26438000; PMCID: PMC4635711.

877: Kim KH, Moon SH, Hwang CJ, Cho YE. Prevalence of Neuropathic Pain in Patients Scheduled for Lumbar Spine Surgery: Nationwide, Multicenter, Prospective Study. *Pain Physician*. 2015 Sep-Oct;18(5):E889-97. PMID: 26431142.

878: Lee CK, Shin DA, Yi S, Kim KN, Shin HC, Yoon DH, Ha Y. Correlation between cervical spine sagittal alignment and clinical outcome after cervical laminoplasty for ossification of the posterior longitudinal ligament. *J Neurosurg Spine*. 2016 Jan;24(1):100-7. doi: 10.3171/2015.4.SPINE141004. Epub 2015 Oct 2. PMID: 26431070.

879: Park MS, Moon SH, Kim TH, Oh JK, Jung JK, Kim HJ, Riew KD. Surgical Anatomy of the Uncinate Process and Transverse Foramen Determined by Computed Tomography. *Global Spine J*. 2015 Oct;5(5):383-90. doi: 10.1055/s-0035-1550091. Epub 2015 Apr 29. PMID: 26430592; PMCID: PMC4577317.

880: Park MS, Moon SH, Kim TH, Oh JK, Lyu HD, Lee JH, Riew KD. Asymptomatic Stenosis in the Cervical and Thoracic Spines of Patients with Symptomatic Lumbar Stenosis. *Global Spine J*. 2015 Oct;5(5):366-71. doi: 10.1055/s-0035-1549031. Epub 2015 Mar 27. PMID: 26430589; PMCID: PMC4577327.

881: Ahn SS, Kim SH, Kim DW, Lee BH. Comparison of Outcomes of Percutaneous Endoscopic Lumbar Discectomy and Open Lumbar Microdiscectomy for Young Adults: A Retrospective Matched Cohort Study. *World Neurosurg*. 2016 Feb;86:250-8. doi: 10.1016/j.wneu.2015.09.047. Epub 2015 Sep 25. PMID: 26409086.

882: Jeon HJ, Kim SY, Park KY, Lee JW, Huh SK. Ideal clipping methods for unruptured middle cerebral artery bifurcation aneurysms based on aneurysmal neck classification. *Neurosurg Rev*. 2016 Apr;39(2):215-23; discussion 223-4. doi: 10.1007/s10143-015-0671-x. Epub 2015 Sep 26. PMID:

26408022.

883: Lee WC, Park JY, Kim KH, Kuh SU, Chin DK, Kim KS, Cho YE. Minimally Invasive Transforaminal Lumbar Interbody Fusion in Multilevel: Comparison with Conventional Transforaminal Interbody Fusion. *World Neurosurg*. 2016 Jan;85:236-43. doi: 10.1016/j.wneu.2015.09.009. Epub 2015 Sep 18. PMID: 26386459.

884: Jeon HJ, Kim BM, Kim DJ, Park KY, Kim JW, Kim DI. Combination of Multicatheter Plus Stent or Balloon for Treatment of Complex Aneurysms. *AJNR Am J Neuroradiol*. 2016 Feb;37(2):311-6. doi: 10.3174/ajnr.A4526. Epub 2015 Sep 17. PMID: 26381558.

885: Ha Y, Oh JK, Smith JS, Ailon T, Fehlings MG, Shaffrey CI, Ames CP. Impact of Movement Disorders on Management of Spinal Deformity in the Elderly. *Neurosurgery*. 2015 Oct;77 Suppl 4:S173-85. doi: 10.1227/NEU.0000000000000940. PMID: 26378355.

886: Lim SM, Choi J, Chang JH, Sohn J, Jacobson K, Policht F, Schulz J, Cho BC, Kim SH. Lack of ROS1 Gene Rearrangement in Glioblastoma Multiforme. *PLoS One*. 2015 Sep 14;10(9):e0137678. doi: 10.1371/journal.pone.0137678. PMID: 26366867; PMCID: PMC4569301.

887: Moon BJ, Kuh SU, Kim S, Kim KS, Cho YE, Chin DK. Prevalence, Distribution, and Significance of Incidental Thoracic Ossification of the Ligamentum Flavum in Korean Patients with Back or Leg Pain : MR-Based Cross Sectional Study. *J Korean Neurosurg Soc*. 2015 Aug;58(2):112-8. doi: 10.3340/jkns.2015.58.2.112. Epub 2015 Aug 28. PMID: 26361526; PMCID: PMC4564742.

888: Lee N, Shin DA, Kim KN, Yoon DH, Ha Y, Shin HC, Yi S. Paradoxical Radiographic Changes of Coflex Interspinous Device with Minimum 2-Year Follow-Up in Lumbar Spinal Stenosis. *World Neurosurg*. 2016 Jan;85:177-84. doi: 10.1016/j.wneu.2015.08.069. Epub 2015 Sep 7. PMID: 26361324.

889: Chang WS, Jung HH, Zadicario E, Rachmilevitch I, Tlusty T, Vitek S, Chang JW. Factors associated with successful magnetic resonance-guided focused ultrasound treatment: efficiency of acoustic energy delivery through the skull. *J Neurosurg*. 2016 Feb;124(2):411-6. doi: 10.3171/2015.3.JNS142592. Epub 2015 Sep 11. PMID: 26361280.

890: Kang HC, Yu T, Lim DH, Kim IH, Chung WK, Suh CO, Choi BO, Cho KH, Cho JH, Kim JH, Nam DH, Park CK, Hong YK, Kim IA. A multicenter study of anaplastic oligodendroglioma: the Korean Radiation Oncology Group Study 13-12. *J Neurooncol*. 2015 Oct;125(1):207-15. doi: 10.1007/s11060-015-1902-2. Epub 2015 Sep 4. PMID: 26341368.

891: Choi YS, Kim DW, Lee SK, Chang JH, Kang SG, Kim EH, Kim SH, Rim TH, Ahn SS. The Added Prognostic Value of Preoperative Dynamic Contrast-Enhanced MRI Histogram Analysis in Patients with Glioblastoma: Analysis of Overall and Progression-Free Survival. *AJNR Am J Neuroradiol*. 2015 Dec;36(12):2235-41. doi: 10.3174/ajnr.A4449. Epub 2015 Sep 3. PMID: 26338911.

892: Kwon MA, Hong CK, Joo JY, Kim YB, Chung J. Headache After Cerebral Angiography: Frequency, Predisposing Factors, and Predictors of Recovery. *J Neuroimaging*. 2016 Jan-Feb;26(1):89-94. doi: 10.1111/jon.12290. Epub 2015 Sep 1. PMID: 26331267.

893: Choi SH, Min KT, Park EK, Kim MS, Jung JH, Kim H. Ultrasonography of the optic nerve sheath to assess intracranial pressure changes after ventriculo-peritoneal shunt surgery in children with hydrocephalus: a prospective observational study. *Anaesthesia*. 2015 Nov;70(11):1268-73. doi: 10.1111/anae.13180. Epub 2015 Aug 24. PMID: 26299256.

894: Kim J, Ryu SB, Lee SE, Shin J, Jung HH, Kim SJ, Kim KH, Chang JW. Motor cortex stimulation and

- neuropathic pain: how does motor cortex stimulation affect pain-signaling pathways? *J Neurosurg.* 2016 Mar;124(3):866-76. doi: 10.3171/2015.1.JNS14891. Epub 2015 Aug 14. PMID: 26274988.
- 895: Chung Y, Yoon HI, Ha JS, Kim S, Lee IJ. A Feasibility Study of a Tilted Head Position in Helical Tomotherapy for Fractionated Stereotactic Radiotherapy of Intracranial Malignancies. *Technol Cancer Res Treat.* 2015 Aug;14(4):475-82. doi: 10.1177/1533034614500420. PMID: 26269609.
- 896: Jun KH, Lee JE, Kim SH, Jung JH, Choi HJ, Kim YI, Chin HM, Yang SH. Clinicopathological significance of N-cadherin and VEGF in advanced gastric cancer brain metastasis and the effects of metformin in preclinical models. *Oncol Rep.* 2015 Oct;34(4):2047-53. doi: 10.3892/or.2015.4191. Epub 2015 Aug 10. PMID: 26260219.
- 897: Hua Y, Oh JH, Kim YB. Influence of Parent Artery Segmentation and Boundary Conditions on Hemodynamic Characteristics of Intracranial Aneurysms. *Yonsei Med J.* 2015 Sep;56(5):1328-37. doi: 10.3349/ymj.2015.56.5.1328. PMID: 26256976; PMCID: PMC4541663.
- 898: Seo KD, Suh SH, Kim YB, Kim JH, Ahn SJ, Kim DS, Lee KY. Ivy Sign on Fluid- Attenuated Inversion Recovery Images in Moyamoya Disease: Correlation with Clinical Severity and Old Brain Lesions. *Yonsei Med J.* 2015 Sep;56(5):1322-7. doi: 10.3349/ymj.2015.56.5.1322. PMID: 26256975; PMCID: PMC4541662.
- 899: Kim JH, Chang WS, Jung HH, Chang JW. Effect of Subthalamic Deep Brain Stimulation on Levodopa-Induced Dyskinesia in Parkinson's Disease. *Yonsei Med J.* 2015 Sep;56(5):1316-21. doi: 10.3349/ymj.2015.56.5.1316. PMID: 26256974; PMCID: PMC4541661.
- 900: Park M, Lee SK, Choi J, Kim SH, Kim SH, Shin NY, Kim J, Ahn SS. Differentiation between Cystic Pituitary Adenomas and Rathke Cleft Cysts: A Diagnostic Model Using MRI. *AJNR Am J Neuroradiol.* 2015 Oct;36(10):1866-73. doi: 10.3174/ajnr.A4387. Epub 2015 Aug 6. PMID: 26251436.
- 901: Kang HJ, Koh IH, Chun YM, Oh WT, Chung KH, Choi YR. Ulnar nerve stability- based surgery for cubital tunnel syndrome via a small incision: a comparison with classic anterior nerve transposition. *J Orthop Surg Res.* 2015 Aug 6;10:121. doi: 10.1186/s13018-015-0267-8. PMID: 26243285; PMCID: PMC4526197.
- 902: Suh BK, Moon SH, Kim TH, Oh JK, Kwon YS, Park JS, Park MS. Efficacy of Antibiotics Sprayed into Surgical Site for Prevention of the Contamination in the Spinal Surgery. *Asian Spine J.* 2015 Aug;9(4):517-21. doi: 10.4184/asj.2015.9.4.517. Epub 2015 Jul 28. PMID: 26240708; PMCID: PMC4522439.
- 903: Lee MC, Shim KW, Park EK, Yun IS, Kim DS, Kim YO. Expansion and compression distraction osteogenesis based on volumetric and neurodevelopmental analysis in sagittal craniosynostosis. *Childs Nerv Syst.* 2015 Nov;31(11):2081-9. doi: 10.1007/s00381-015-2843-y. Epub 2015 Aug 1. PMID: 26231567.
- 904: You Y, Che L, Lee HY, Lee HL, Yun Y, Lee M, Oh J, Ha Y. Antiapoptotic Effect of Highly Secreted GMCSF From Neuronal Cell-specific GMCSF Overexpressing Neural Stem Cells in Spinal Cord Injury Model. *Spine (Phila Pa 1976).* 2015 Dec;40(24):E1284-91. doi: 10.1097/BRS.0000000000001080. PMID: 26230539.
- 905: Oh CH, Ji GY, Yoon SH, Hyun D, Kim EY, Park H, Jang AR. Delayed Vertebral Artery Dissection after Posterior Cervical Fusion with Traumatic Cervical Instability: A Case Report. *Korean J Spine.* 2015 Jun;12(2):79-83. doi: 10.14245/kjs.2015.12.2.79. Epub 2015 Jun 30. PMID: 26217387; PMCID: PMC4513173.

906: Ryu SJ, Ryu DS, Kim JY, Park JY, Kim KH, Chin DK, Kim KS, Cho YE, Kuh SU. Bone Mineral Density Changes after Orchiectomy using a Scrotal Approach in Rats. *Korean J Spine*. 2015 Jun;12(2):55-9. doi: 10.14245/kjs.2015.12.2.55. Epub 2015 Jun 30. PMID: 26217383; PMCID: PMC4513169.

907: Oh CH, Ji GY, Hur JW, Choi WS, Shin DA, Lee JB. Preliminary Experiences of the Combined Midline-Splitting French Door Laminoplasty with Polyether Ether Ketone (PEEK) Plate for Cervical Spondylosis and OPLL. *Korean J Spine*. 2015 Jun;12(2):48-54. doi: 10.14245/kjs.2015.12.2.48. Epub 2015 Jun 30. PMID: 26217382; PMCID: PMC4513168.

908: Ji GY, Oh CH, Moon BG, Yi S, Han IB, Heo DH, Kim KT, Shin DA, Kim KN. Efficacy and Safety of Sodium Hyaluronate with 1,4-Butanediol Diglycidyl Ether Compared to Sodium Carboxymethylcellulose in Preventing Adhesion Formation after Lumbar Discectomy. *Korean J Spine*. 2015 Jun;12(2):41-7. doi: 10.14245/kjs.2015.12.2.41. Epub 2015 Jun 30. PMID: 26217381; PMCID: PMC4513167.

909: Cho JM, Chang JH, Kim SH, Lee KS. Pediatric giant cell tumor of the tendon sheath of the craniocervical junction involving the occipital condyle. *Childs Nerv Syst*. 2016 Jan;32(1):175-9. doi: 10.1007/s00381-015-2820-5. Epub 2015 Jul 26. PMID: 26210493.

910: Kim H, Park DH, Yi S, Jeong EJ, Yoon BC, Czosnyka M, Sutcliffe MPF, Kim DJ. Finite element analysis for normal pressure hydrocephalus: The effects of the integration of sulci. *Med Image Anal*. 2015 Aug;24(1):235-244. doi: 10.1016/j.media.2015.05.006. Epub 2015 May 21. PMID: 26208335.

911: Lee N, Ji GY, Shin HC, Ha Y, Jang JW, Shin DA. Usefulness of 3-dimensional Measurement of Ossification of the Posterior Longitudinal Ligament (OPLL) in Patients With OPLL-induced Myelopathy. *Spine (Phila Pa 1976)*. 2015 Oct 1;40(19):1479-86. doi: 10.1097/BRS.0000000000001072. PMID: 26208225.

912: Shim KW, Park EK, Kim JS, Kim DS. Cognitive Outcome of Pediatric Moyamoya Disease. *J Korean Neurosurg Soc*. 2015 Jun;57(6):440-4. doi: 10.3340/jkns.2015.57.6.440. Epub 2015 Jun 30. PMID: 26180613; PMCID: PMC4502242.

913: Na YC, Chang WS, Jung HH, Kweon EJ, Chang JW. Unilateral magnetic resonance-guided focused ultrasound pallidotomy for Parkinson disease. *Neurology*. 2015 Aug 11;85(6):549-51. doi: 10.1212/WNL.0000000000001826. Epub 2015 Jul 15. PMID: 26180137.

914: Kim I, Lee HY, Kim H, Lee E, Jeong DW, Kim JJ, Park SH, Ha Y, Na J, Chae Y, Yi S, Choi HJ. Enhanced Neurite Outgrowth by Intracellular Stimulation. *Nano Lett*. 2015 Aug 12;15(8):5414-9. doi: 10.1021/acs.nanolett.5b01810. Epub 2015 Jul 17. PMID: 26177864.

915: Park HH, Oh MC, Kim EH, Kim CY, Kim SH, Lee KS, Chang JH. Use of optical coherence tomography to predict visual outcome in parachiasmatic meningioma. *J Neurosurg*. 2015 Dec;123(6):1489-99. doi: 10.3171/2014.12.JNS141549. Epub 2015 Jul 10. PMID: 26162035.

916: Jang EW, Chung J, Seo KD, Suh SH, Kim YB, Lee KY. A Protocol-Based Decision for Choosing a Proper Surgical Treatment Option for Carotid Artery Stenosis. *J Cerebrovasc Endovasc Neurosurg*. 2015 Jun;17(2):101-7. doi: 10.7461/jcen.2015.17.2.101. Epub 2015 Jun 30. PMID: 26157689; PMCID: PMC4495083.

917: Kim BK, Böhm M, Mahfoud F, Mancina G, Park S, Hong MK, Kim HS, Park SJ, Park CG, Seung KB, Gwon HC, Choi DJ, Ahn TH, Kim CJ, Kwon HM, Esler M, Jang YS. Renal denervation for treatment of uncontrolled hypertension in an Asian population: results from the Global SYMPLICITY Registry in South Korea (GSR Korea). *J Hum Hypertens*. 2016 May;30(5):315-21. doi: 10.1038/jhh.2015.77. Epub

2015 Jul 9. PMID: 26155994.

918: Kim SY, Jeon HJ, Ihm EH, Park KY, Lee JW, Huh SK. Microsurgical efficacy and safety of a right-hemispheric approach for unruptured anterior communicating artery aneurysms. *Clin Neurol Neurosurg*. 2015 Oct;137:62-6. doi: 10.1016/j.clineuro.2015.06.009. Epub 2015 Jun 18. PMID: 26143130.

919: Hong CK, Joo JY, Kim YB, Shim YS, Lim YC, Shin YS, Chung J. The Course of Headache in Patients With Moderate-to-Severe Headache Due to Aneurysmal Subarachnoid Hemorrhage: A Retrospective Cross-Sectional Study. *Headache*. 2015 Jul-Aug;55(7):992-9. doi: 10.1111/head.12612. Epub 2015 Jun 30. PMID: 26129830.

920: Yang K, Park HJ, Han S, Lee J, Ko E, Kim J, Lee JS, Yu JH, Song KY, Cheong E, Cho SR, Chung S, Cho SW. Recapitulation of in vivo-like paracrine signals of human mesenchymal stem cells for functional neuronal differentiation of human neural stem cells in a 3D microfluidic system. *Biomaterials*. 2015 Sep;63:177-88. doi: 10.1016/j.biomaterials.2015.06.011. Epub 2015 Jun 14. PMID: 26113074.

921: Oh J, Lee KI, Kim HT, You Y, Yoon DH, Song KY, Cheong E, Ha Y, Hwang DY. Human-induced pluripotent stem cells generated from intervertebral disc cells improve neurologic functions in spinal cord injury. *Stem Cell Res Ther*. 2015 Jun 24;6(1):125. doi: 10.1186/s13287-015-0118-x. PMID: 26104416; PMCID: PMC4529688.

922: Balik V, Sulla I, Park HH, Sarissky M. In vitro testing to a panel of potential chemotherapeutics and current concepts of chemotherapy in benign meningiomas. *Surg Oncol*. 2015 Sep;24(3):292-9. doi: 10.1016/j.suronc.2015.06.004. Epub 2015 Jun 12. PMID: 26099192.

923: Charidimou A, Fox Z, Werring DJ, Song M. Cerebral amyloid angiopathy research: on the verge of an explosion? *Int J Stroke*. 2015 Jul;10(5):E47-8. doi: 10.1111/ijss.12483. PMID: 26094675.

924: Seo HI, Cho AN, Jang J, Kim DW, Cho SW, Chung BG. Thermo-responsive polymeric nanoparticles for enhancing neuronal differentiation of human induced pluripotent stem cells. *Nanomedicine*. 2015 Oct;11(7):1861-9. doi: 10.1016/j.nano.2015.05.008. Epub 2015 Jun 17. PMID: 26093056.

925: Kim HJ, Park JW, Kang KT, Chang BS, Lee CK, Kang SS, Yeom JS. Determination of the Optimal Cutoff Values for Pain Sensitivity Questionnaire Scores and the Oswestry Disability Index for Favorable Surgical Outcomes in Subjects With Lumbar Spinal Stenosis. *Spine (Phila Pa 1976)*. 2015 Oct 15;40(20):E1110-6. doi: 10.1097/BRS.0000000000001023. PMID: 26076437.

926: Kim JY, Park JY, Kim KH, Kuh SU, Chin DK, Kim KS, Cho YE. Minimally Invasive Transforaminal Lumbar Interbody Fusion for Spondylolisthesis: Comparison Between Isthmic and Degenerative Spondylolisthesis. *World Neurosurg*. 2015 Nov;84(5):1284-93. doi: 10.1016/j.wneu.2015.06.003. Epub 2015 Jun 11. PMID: 26072461.

927: Charidimou A, Fox Z, Werring DJ, Song M. Mapping the landscape of cerebral amyloid angiopathy research: an informetric analysis perspective. *J Neurol Neurosurg Psychiatry*. 2016 Mar;87(3):252-9. doi: 10.1136/jnnp-2015-310690. Epub 2015 Jun 12. PMID: 26071214.

928: Kim JH, Park JY, Yi S, Kim KH, Kuh SU, Chin DK, Kim KS, Cho YE. Anterior Cervical Discectomy and Fusion Alters Whole-Spine Sagittal Alignment. *Yonsei Med J*. 2015 Jul;56(4):1060-70. doi: 10.3349/ymj.2015.56.4.1060. PMID: 26069131; PMCID: PMC4479836.

929: Oh J, You Y, Yun Y, Lee HL, Yoon DH, Lee M, Ha Y. A Gene and Neural Stem Cell Therapy Platform Based on Neuronal Cell Type-Inducible Gene Overexpression. *Yonsei Med J*. 2015 Jul;56(4):1036-43.

doi: 10.3349/ymj.2015.56.4.1036. PMID: 26069128; PMCID: PMC4479833.

930: Jang EW, Kim YB, Chung J, Suh SH, Hong CK, Joo JY. Clinical Risk Factors Affecting Procedure-Related Major Neurological Complications in Unruptured Intracranial Aneurysms. *Yonsei Med J.* 2015 Jul;56(4):987-92. doi: 10.3349/ymj.2015.56.4.987. PMID: 26069121; PMCID: PMC4479867.

931: Kim HG, Cho SM, Lee CK, Jeong SW. Neuregulin 1 as an endogenous regulator of nicotinic acetylcholine receptors in adult major pelvic ganglion neurons. *Biochem Biophys Res Commun.* 2015 Aug 7;463(4):632-7. doi: 10.1016/j.bbrc.2015.05.113. Epub 2015 Jun 2. PMID: 26043693.

932: Yang K, Park E, Lee JS, Kim IS, Hong K, Park KI, Cho SW, Yang HS. Biodegradable Nanotopography Combined with Neurotrophic Signals Enhances Contact Guidance and Neuronal Differentiation of Human Neural Stem Cells. *Macromol Biosci.* 2015 Oct;15(10):1348-56. doi: 10.1002/mabi.201500080. Epub 2015 Jun 2. PMID: 26036788.

933: Oh SH, Choi C, Chang DJ, Shin DA, Lee N, Jeon I, Sung JH, Lee H, Hong KS, Ko JJ, Song J. Early neuroprotective effect with lack of long-term cell replacement effect on experimental stroke after intra-arterial transplantation of adipose-derived mesenchymal stromal cells. *Cytotherapy.* 2015 Aug;17(8):1090-103. doi: 10.1016/j.jcyt.2015.04.007. Epub 2015 May 29. PMID: 26031742.

934: Moon JH, Kim SH, Kim EH, Kang SG, Chang JH. Primary diffuse leptomeningeal gliosarcomatosis. *Brain Tumor Res Treat.* 2015 Apr;3(1):34-8. doi: 10.14791/btrt.2015.3.1.34. Epub 2015 Apr 29. PMID: 25977905; PMCID: PMC4426275.

935: Lee JS, Park JC, Kim TW, Jung BJ, Lee Y, Shim EK, Park S, Choi EY, Cho KS, Kim CS. Human bone marrow stem cells cultured under hypoxic conditions present altered characteristics and enhanced in vivo tissue regeneration. *Bone.* 2015 Sep;78:34-45. doi: 10.1016/j.bone.2015.04.044. Epub 2015 May 4. PMID: 25952967.

936: Abolfotoh M, Bi WL, Hong CK, Almefty KK, Boskovitz A, Dunn IF, Al-Mefty O. The combined microscopic-endoscopic technique for radical resection of cerebellopontine angle tumors. *J Neurosurg.* 2015 Nov;123(5):1301-11. doi: 10.3171/2014.10.JNS141465. Epub 2015 Apr 24. PMID: 25909571.

937: Gwak SJ, Koo H, Yun Y, Yhee JY, Lee HY, Yoon DH, Kim K, Ha Y. Multifunctional nanoparticles for gene delivery and spinal cord injury. *J Biomed Mater Res A.* 2015 Nov;103(11):3474-82. doi: 10.1002/jbm.a.35489. Epub 2015 May 19. PMID: 25904025.

938: Park D, Jung BK, Park H, Lee H, Lee G, Park J, Shin U, Won JH, Jo YJ, Chang JW, Lee S, Yoon D, Seo J, Kim CW. Sound packing DNA: packing open circular DNA with low-intensity ultrasound. *Sci Rep.* 2015 Apr 20;5:9846. doi: 10.1038/srep09846. Erratum in: *Sci Rep.* 2015;5:14588. PMID: 25892035; PMCID: PMC4402968.

939: Cho PG, Park SH, Kim KN, Ha Y, Yoon DH, Shin DA. A morphometric analysis of contralateral neural foramen in TLIF. *Eur Spine J.* 2015 Apr;24(4):783-90. doi: 10.1007/s00586-015-3783-7. Epub 2015 Feb 10. PMID: 25861738.

940: Lee HY, Lee HL, Yun Y, Kim JS, Ha Y, Yoon DH, Lee SH, Shin DA. Human Adipose Stem Cells Improve Mechanical Allodynia and Enhance Functional Recovery in a Rat Model of Neuropathic Pain. *Tissue Eng Part A.* 2015 Jul;21(13-14):2044-52. doi: 10.1089/ten.TEA.2014.0713. Epub 2015 May 20. PMID: 25857679.

941: Jung YJ, Kim MA, Kwon JY, Lee HR, Cho HY, Park YW, Kim YH. Pregnancy outcomes in women with moyamoya disease: experiences at a single center in Korea. *Yonsei Med J.* 2015 May;56(3):793-7. doi:

10.3349/ymj.2015.56.3.793. PMID: 25837187; PMCID: PMC4397451.

942: Park HJ, Park B, Kim HY, Oh MK, Kim JI, Yoon M, Lee JD, Chang JW. A network analysis of ¹⁵O-H₂O PET reveals deep brain stimulation effects on brain network of Parkinson's disease. *Yonsei Med J.* 2015 May;56(3):726-36. doi: 10.3349/ymj.2015.56.3.726. PMID: 25837179; PMCID: PMC4397443.

943: Ji GY, Oh CH, Moon B, Choi SH, Shin DA, Yoon YS, Kim KN. Efficacy of percutaneous epidural neuroplasty does not correlate with dural sac cross-sectional area in single level disc disease. *Yonsei Med J.* 2015 May;56(3):691-7. doi: 10.3349/ymj.2015.56.3.691. PMID: 25837174; PMCID: PMC4397438.

944: Cho HR, Roh TS, Shim KW, Kim YO, Lew DH, Yun IS. Skull Reconstruction with Custom Made Three-Dimensional Titanium Implant. *Arch Craniofac Surg.* 2015 Apr;16(1):11-16. doi: 10.7181/acfs.2015.16.1.11. Epub 2015 Apr 10. PMID: 28913212; PMCID: PMC5556788.

945: Kwan P, Cabral-Lim L, D'Souza W, Jain S, Lee BI, Liao W, Lim SH, Otsuki T, Tan CT, Wantanabe M; CAO Research Task Force. Research priorities in epilepsy for the Asia-Oceania region. *Epilepsia.* 2015 May;56(5):667-73. doi: 10.1111/epi.12957. Epub 2015 Mar 30. PMID: 25823580.

946: Lim JS, Kim WI, Kang HC, Kim SH, Park AH, Park EK, Cho YW, Kim S, Kim HM, Kim JA, Kim J, Rhee H, Kang SG, Kim HD, Kim D, Kim DS, Lee JH. Brain somatic mutations in MTOR cause focal cortical dysplasia type II leading to intractable epilepsy. *Nat Med.* 2015 Apr;21(4):395-400. doi: 10.1038/nm.3824. Epub 2015 Mar 23. PMID: 25799227.

947: Lee HL, Oh J, Yun Y, Lee HY, You Y, Che L, Lee M, Kim KN, Ha Y. Vascular endothelial growth factor-expressing neural stem cell for the treatment of neuropathic pain. *Neuroreport.* 2015 May 6;26(7):399-404. doi: 10.1097/WNR.0000000000000359. PMID: 25793634.

948: Kim SH, Chung YS, Ropper AE, Min KH, Ahn TK, Won KS, Shin DA, Han IB. Bone loss of the superior adjacent vertebral body immediately posterior to the anterior flange of Bryan cervical disc. *Eur Spine J.* 2015 Dec;24(12):2872-9. doi: 10.1007/s00586-015-3849-6. Epub 2015 Mar 19. PMID: 25787945.

949: Bae MK, Yu WS, Byun GE, Lee CY, Lee JG, Kim DJ, Chung KY. Prognostic factors for cases with no extracranial metastasis in whom brain metastasis is detected after resection of non-Small-cell lung cancer. *Lung Cancer.* 2015 May;88(2):195-200. doi: 10.1016/j.lungcan.2015.02.013. Epub 2015 Feb 23. PMID: 25770646.

950: Yi S, Rim DC, Park SW, Murovic JA, Lim J, Park J. Biomechanical Comparisons of Pull Out Strengths After Pedicle Screw Augmentation with Hydroxyapatite, Calcium Phosphate, or Polymethylmethacrylate in the Cadaveric Spine. *World Neurosurg.* 2015 Jun;83(6):976-81. doi: 10.1016/j.wneu.2015.01.056. Epub 2015 Mar 10. PMID: 25769482.

951: Hong ZY, Song KH, Yoon JH, Cho J, Story MD. An experimental model-based exploration of cytokines in ablative radiation-induced lung injury in vivo and in vitro. *Lung.* 2015 Jun;193(3):409-19. doi: 10.1007/s00408-015-9705-y. Epub 2015 Mar 7. PMID: 25749666.

952: Kim MS, Yoon KB, Yoon DM, Kim DH. Effect of cervical sympathetic block on optic nerve sheath diameter measured by ultrasonography. *Ultrasound Med Biol.* 2015 Jun;41(6):1599-604. doi: 10.1016/j.ultrasmedbio.2015.01.025. Epub 2015 Mar 5. PMID: 25747936.

953: Park Y, Kim H, Kim EH, Suh CO, Lee S. Effective Treatment of Solitary Pituitary Metastasis with Panhypopituitarism in HER2-Positive Breast Cancer by Lapatinib. *Cancer Res Treat.* 2016

Jan;48(1):403-8. doi: 10.4143/crt.2014.165. Epub 2015 Feb 16. PMID: 25715765; PMCID: PMC4720106.

954: Lall C, Bhargava P, Sandrasegaran K, Shanbhogue AK, Ramsinghani N, Koh YW, Choi JY, Choi JI. Three-dimensional conformal radiation therapy in the liver: MRI findings along a time continuum. *J Comput Assist Tomogr*. 2015 May-Jun;39(3):356-64. doi: 10.1097/RCT.0000000000000219. PMID: 25700224.

955: Lee D, Kim WC, Charidimou A, Song M. A Bird's-Eye View of Alzheimer's Disease Research: Reflecting Different Perspectives of Indexers, Authors, or Citers in Mapping the Field. *J Alzheimers Dis*. 2015;45(4):1207-22. doi: 10.3233/JAD-142688. PMID: 25697702.

956: Lim YC, Kim CH, Kim YB, Joo JY, Shin YS, Chung J. Incidence and risk factors for rebleeding during cerebral angiography for ruptured intracranial aneurysms. *Yonsei Med J*. 2015 Mar;56(2):403-9. doi: 10.3349/ymj.2015.56.2.403. PMID: 25683988; PMCID: PMC4329351.

957: Shin DA, Park KY, Ji GY, Yi S, Ha Y, Park SW, Yoon DH, Kim KN. The use of magnetic resonance imaging in predicting the clinical outcome of spinal arteriovenous fistula. *Yonsei Med J*. 2015 Mar;56(2):397-402. doi: 10.3349/ymj.2015.56.2.397. PMID: 25683987; PMCID: PMC4329350.

958: Cho JM, Lim JJ, Kim SH, Cho KG. Clinical experience of glioma surgery using "tailed bullet": overcoming the limitations of conventional neuro-navigation guided surgery. *Yonsei Med J*. 2015 Mar;56(2):388-96. doi: 10.3349/ymj.2015.56.2.388. PMID: 25683986; PMCID: PMC4329349.

959: Kim J, Lee SE, Shin J, Jung HH, Kim SJ, Chang JW. The neuromodulation of neuropathic pain by measuring pain response rate and pain response duration in animal. *J Korean Neurosurg Soc*. 2015 Jan;57(1):6-11. doi: 10.3340/jkns.2015.57.1.6. Epub 2015 Jan 31. PMID: 25674337; PMCID: PMC4323508.

960: Chung J, Hong CK, Shim YS, Joo JY, Lim YC, Shin YS, Kim YB. Microsurgical clipping of unruptured middle cerebral artery bifurcation aneurysms: incidence of and risk factors for procedure-related complications. *World Neurosurg*. 2015 May;83(5):666-72. doi: 10.1016/j.wneu.2015.01.023. Epub 2015 Feb 3. PMID: 25662765.

961: Park MS, Moon SH, Lee HM, Kim TH, Oh JK, Suh BK, Lee SJ, Riew KD. Delayed surgical intervention in central cord syndrome with cervical stenosis. *Global Spine J*. 2015 Feb;5(1):69-72. doi: 10.1055/s-0034-1395785. Epub 2014 Nov 6. PMID: 25649889; PMCID: PMC4303475.

962: Lee DS, Cho J, Kim SH, Kim DS, Shim KW, Lyu CJ, Han JW, Suh CO. Patterns of Failure Following Multimodal Treatment for Medulloblastoma: Long-Term Follow-up Results at a Single Institution. *Cancer Res Treat*. 2015 Oct;47(4):879-88. doi: 10.4143/crt.2014.067. Epub 2014 Dec 8. PMID: 25648090; PMCID: PMC4614221.

963: Kim B, Yoon DH, Shin HC, Kim KN, Yi S, Shin DA, Ha Y. Surgical outcome and prognostic factors of anterior decompression and fusion for cervical compressive myelopathy due to ossification of the posterior longitudinal ligament. *Spine J*. 2015 May 1;15(5):875-84. doi: 10.1016/j.spinee.2015.01.028. Epub 2015 Jan 28. PMID: 25637468.

964: Kim KH, Park JY, Park HS, Kuh SU, Chin DK, Kim KS, Cho YE. Which iodinated contrast media is the least cytotoxic to human disc cells? *Spine J*. 2015 May 1;15(5):1021-7. doi: 10.1016/j.spinee.2015.01.015. Epub 2015 Jan 26. PMID: 25634786.

965: Hong CK, Kim YB, Hong JB, Lee KS. Sealing of cerebrospinal fluid leakage during conventional

- transsphenoidal surgery using a fibrin-coated collagen fleece. *J Clin Neurosci*. 2015 Apr;22(4):696-9. doi: 10.1016/j.jocn.2014.10.019. Epub 2015 Jan 24. PMID: 25630424.
- 966: Jeon YH, Kim DM, Kim SH, Kim SW. Serious penetrating craniocerebral injury caused by a nail gun. *J Korean Neurosurg Soc*. 2014 Dec;56(6):537-9. doi: 10.3340/jkns.2014.56.6.537. Epub 2014 Dec 31. PMID: 25628820; PMCID: PMC4303736.
- 967: Kang SG, Cheong JH, Huh YM, Kim EH, Kim SH, Chang JH. Potential use of glioblastoma tumorsphere: clinical credentialing. *Arch Pharm Res*. 2015 Mar;38(3):402-7. doi: 10.1007/s12272-015-0564-0. Epub 2015 Jan 29. PMID: 25628248.
- 968: Hong SH, Cho JG, Yoon KJ, Lim DS, Kim CH, Lee SW, Park SG. The antibody atliximab attenuates collagen-induced arthritis by neutralizing AIMP1, an inflammatory cytokine that enhances osteoclastogenesis. *Biomaterials*. 2015 Mar;44:45-54. doi: 10.1016/j.biomaterials.2014.12.017. Epub 2015 Jan 12. PMID: 25617125.
- 969: Kim HJ, Kim HD, Lee JS, Heo K, Kim DS, Kang HC. Long-term prognosis of patients with Lennox-Gastaut syndrome in recent decades. *Epilepsy Res*. 2015 Feb;110:10-9. doi: 10.1016/j.eplepsyres.2014.11.004. Epub 2014 Nov 26. PMID: 25616450.
- 970: Yoon W, Kim BM, Kim DJ, Kim DI, Kim SK. Outcomes and prognostic factors after emergent carotid artery stenting for hyperacute stroke within 6 hours of symptom onset. *Neurosurgery*. 2015 Mar;76(3):321-9. doi: 10.1227/NEU.0000000000000610. PMID: 25599209.
- 971: Kim EH, Roh TH, Park HH, Moon JH, Hong JB, Kim SH. Direct suture technique of normal gland edge on the incised dura margin to repair the intraoperative cerebrospinal fluid leakage from the arachnoid recess during transsphenoidal pituitary tumor surgery. *Neurosurgery*. 2015 Mar;11 Suppl 2:26-31; discussion 31. doi: 10.1227/NEU.0000000000000612. PMID: 25584954.
- 972: Kong BH, Moon JH, Huh YM, Shim JK, Lee JH, Kim EH, Chang JH, Kim DS, Hong YK, Kim SH, Lee SJ, Kang SG. Prognostic value of glioma cancer stem cell isolation in survival of primary glioblastoma patients. *Stem Cells Int*. 2014;2014:838950. doi: 10.1155/2014/838950. Epub 2014 Dec 11. PMID: 25580136; PMCID: PMC4279114.
- 973: Chung SA, Yun IS, Moon JW, Lee JB. Ophthalmic findings in children with nonsyndromic craniosynostosis treated by expansion cranioplasty. *J Craniofac Surg*. 2015 Jan;26(1):79-83. doi: 10.1097/SCS.0000000000001238. PMID: 25569390.
- 974: Kim HY, Kang HK, Cho J, Jung ID, Yoon GY, Lee MG, Shin SJ, Park WS, Park JH, Ryu SW, Park YM, You JC. Heat shock protein X purified from *Mycobacterium tuberculosis* enhances the efficacy of dendritic cells-based immunotherapy for the treatment of allergic asthma. *BMB Rep*. 2015 Mar;48(3):178-83. doi: 10.5483/bmbrep.2015.48.3.257. PMID: 25560695; PMCID: PMC4453021.
- 975: Chung J, Suh SH, Hong CK, Joo JY, Lim YC, Shin YS, Kim YB. Preliminary experience with self-expanding closed-cell stent placement in small arteries less than 2 mm in diameter for the treatment of intracranial aneurysms. *J Neurosurg*. 2015 Jun;122(6):1503-10. doi: 10.3171/2014.11.JNS14435. Epub 2015 Jan 2. PMID: 25555078.
- 976: Kim DJ, Kim BM, Suh SH, Kim DI. Self-expanding stent placement for anterior circulation intracranial artery dissection presenting with ischemic symptoms. *Neurosurgery*. 2015 Feb;76(2):158-64; discussion 164. doi: 10.1227/NEU.0000000000000582. PMID: 25549188.
- 977: Shin JE, Choi SH, Lee H, Shin YS, Jang DP, Kim JJ. Involvement of the dorsolateral prefrontal cortex

and superior temporal sulcus in impaired social perception in schizophrenia. *Prog Neuropsychopharmacol Biol Psychiatry*. 2015 Apr 3;58:81-8. doi: 10.1016/j.pnpbp.2014.12.006. Epub 2014 Dec 27. PMID: 25545410.

978: Sim SY, Chung J, Shin YS. Are blood blister-like aneurysms a specific type of dissection? A comparative study of blood blister-like aneurysms and ruptured mizutani type 4 vertebral artery dissections. *J Korean Neurosurg Soc*. 2014 Nov;56(5):395-9. doi: 10.3340/jkns.2014.56.5.395. Epub 2014 Nov 30. PMID: 25535516; PMCID: PMC4272997.

979: Yi S, Rim DC, Nam KS, Keem SH, Murovic JA, Lim J, Park J. Biomechanical comparison of cervical fixation via transarticular facet screws without rods versus lateral mass screws with rods. *World Neurosurg*. 2015 Apr;83(4):548-52. doi: 10.1016/j.wneu.2014.12.008. Epub 2014 Dec 13. PMID: 25514614.

980: Kim SH, Kuh SU, Kim KN, Park JY, Cho KH, Chin DK, Kim KS, Cho YE. Biologic response of degenerative living human nucleus pulposus cells to treatment with cytokines. *Yonsei Med J*. 2015 Jan;56(1):277-86. doi: 10.3349/ymj.2015.56.1.277. PMID: 25510775; PMCID: PMC4276767.

981: Ji GY, Oh CH, Park SH, Kurniawan F, Lee J, Jeon JK, Shin DA, Kim KN. Feasibility of translaminar screw placement in Korean population: morphometric analysis of cervical spine. *Yonsei Med J*. 2015 Jan;56(1):159-66. doi: 10.3349/ymj.2015.56.1.159. PMID: 25510760; PMCID: PMC4276750.

982: Kim HJ, Chun HJ, Kang KT, Lee HM, Chang BS, Lee CK, Yeom JS. Finite element analysis for comparison of spinous process osteotomies technique with conventional laminectomy as lumbar decompression procedure. *Yonsei Med J*. 2015 Jan;56(1):146-53. doi: 10.3349/ymj.2015.56.1.146. Erratum in: *Yonsei Med J*. 2016 Jul;57(4):1051. PMID: 25510758; PMCID: PMC4276748.

983: Kim SY, Hong CK, Kim TH, Hong JB, Park CH, Chang YS, Kim HJ, Ahn CM, Byun MK. Efficacy of surgical treatment for brain metastasis in patients with non- Small-cell lung cancer. *Yonsei Med J*. 2015 Jan;56(1):103-11. doi: 10.3349/ymj.2015.56.1.103. PMID: 25510753; PMCID: PMC4276743.

984: Ji GY, Oh CH, Choi WS, Lee JB. Three cases of hemiplegia after cervical paraspinal muscle needling. *Spine J*. 2015 Mar 1;15(3):e9-13. doi: 10.1016/j.spinee.2014.11.007. Epub 2014 Nov 14. PMID: 25459742.

985: Park MS, Moon SH, Lee HM, Kim TH, Oh JK, Lee SY, Oh JB, Riew KD. Diagnostic value of oblique magnetic resonance images for evaluating cervical foraminal stenosis. *Spine J*. 2015 Apr 1;15(4):607-11. doi: 10.1016/j.spinee.2014.10.019. Epub 2014 Oct 22. PMID: 25452016.

986: Lee YJ, Kang HC, Kim HD, Kim DS, Shim KW, Eom S, Lee JS. Neurocognitive function in children after anterior temporal lobectomy with amygdalohippocampectomy. *Pediatr Neurol*. 2015 Jan;52(1):88-93. doi: 10.1016/j.pediatrneurol.2014.09.006. Epub 2014 Sep 18. PMID: 25439484.

987: Chang JW, Min BK, Kim BS, Chang WS, Lee YH. Neurophysiologic correlates of sonication treatment in patients with essential tremor. *Ultrasound Med Biol*. 2015 Jan;41(1):124-31. doi: 10.1016/j.ultrasmedbio.2014.08.008. Epub 2014 Oct 22. PMID: 25438838.

988: Kim JH, Jung HH, Chang JH, Chang JW, Park YG, Chang WS. Gamma Knife surgery for intracranial chordoma and chondrosarcoma: radiosurgical perspectives and treatment outcomes. *J Neurosurg*. 2014 Dec;121 Suppl:188-97. doi: 10.3171/2014.7.GKS141213. PMID: 25434952.

989: Jung HH, Kim SJ, Roh D, Chang JG, Chang WS, Kweon EJ, Kim CH, Chang JW. Bilateral thermal capsulotomy with MR-guided focused ultrasound for patients with treatment-refractory obsessive-

compulsive disorder: a proof-of-concept study. *Mol Psychiatry*. 2015 Oct;20(10):1205-11. doi: 10.1038/mp.2014.154. Epub 2014 Nov 25. PMID: 25421403.

990: Yi S, Oh J, Choi G, Kim TY, Shin HC, Kim KN, Kim KS, Yoon DH. The fate of heterotopic ossification associated with cervical artificial disc replacement. *Spine (Phila Pa 1976)*. 2014 Dec 1;39(25):2078-83. doi: 10.1097/BRS.0000000000000640. PMID: 25419683.

991: Park HG, Yoon JH, Kim SH, Cho KH, Park HJ, Kim SH, Kim EH. Adult-onset sellar and suprasellar atypical teratoid rhabdoid tumor treated with a multimodal approach: a case report. *Brain Tumor Res Treat*. 2014 Oct;2(2):108-13. doi: 10.14791/btrt.2014.2.2.108. Epub 2014 Oct 31. PMID: 25408935; PMCID: PMC4231618.

992: Ahn SJ, Shin HJ, Chang JH, Lee SK. Differentiation between primary cerebral lymphoma and glioblastoma using the apparent diffusion coefficient: comparison of three different ROI methods. *PLoS One*. 2014 Nov 13;9(11):e112948. doi: 10.1371/journal.pone.0112948. PMID: 25393543; PMCID: PMC4231099.

993: Zheng Z, Liebers M, Zhelyazkova B, Cao Y, Panditi D, Lynch KD, Chen J, Robinson HE, Shim HS, Chmielecki J, Pao W, Engelman JA, Iafrate AJ, Le LP. Anchored multiplex PCR for targeted next-generation sequencing. *Nat Med*. 2014 Dec;20(12):1479-84. doi: 10.1038/nm.3729. Epub 2014 Nov 10. PMID: 25384085.

994: Min HJ, Chung HJ, Kim CH. Delayed cerebrospinal fluid rhinorrhea four years after gamma knife surgery for juvenile angiofibroma. *J Craniofac Surg*. 2014 Nov;25(6):e565-7. doi: 10.1097/SCS.0000000000001164. PMID: 25377982.

995: Kim SH, Kang MS, Chin DK, Kim KS, Cho YE, Kuh SU. Anterior lumbar interbody fusion for the treatment of postoperative spondylodiscitis. *J Korean Neurosurg Soc*. 2014 Oct;56(4):310-4. doi: 10.3340/jkns.2014.56.4.310. Epub 2014 Oct 31. PMID: 25371780; PMCID: PMC4219188.

996: Kim JE, Ko SB, Kang HS, Seo DH, Park SQ, Sheen SH, Park HS, Kang SD, Kim JM, Oh CW, Hong KS, Yu KH, Heo JH, Kwon SU, Bae HJ, Lee BC, Yoon BW, Park IS, Rha JH. Clinical practice guidelines for the medical and surgical management of primary intracerebral hemorrhage in Korea. *J Korean Neurosurg Soc*. 2014 Sep;56(3):175-87. doi: 10.3340/jkns.2014.56.3.175. Epub 2014 Sep 30. Erratum in: *J Korean Neurosurg Soc*. 2014 Nov;56(5):452. PMID: 25368758; PMCID: PMC4217052.

997: Kim DY, Park JH, Shin DA, Yi S, Ha Y, Yoon DH, Kim KN. [Rosai-dorfman disease](#) in thoracic spine: a rare case of compression fracture. *Korean J Spine*. 2014 Sep;11(3):198-201. doi: 10.14245/kjs.2014.11.3.198. Epub 2014 Sep 30. PMID: 25346769; PMCID: PMC4206961.

998: Oh CH, Ji GY, Yoon SH, Hyun D, Choi CG, Lim HK, Jang AR. Surface Landmarks do not Correspond to Exact Levels of the Cervical Spine: References According to the Sex, Age and Height. *Korean J Spine*. 2014 Sep;11(3):178-82. doi: 10.14245/kjs.2014.11.3.178. Epub 2014 Sep 30. PMID: 25346765; PMCID: PMC4206974.

999: Hahn BS, Kim KH, Kuh SU, Park JY, Chin DK, Kim KS, Cho YE. Surgical Treatment in Patients with Cervical Osteomyelitis: Single Institute's Experiences. *Korean J Spine*. 2014 Sep;11(3):162-8. doi: 10.14245/kjs.2014.11.3.162. Epub 2014 Sep 30. PMID: 25346763; PMCID: PMC4206968.

1000: Park HG, Zhang HY, Lee SH. Box-shape cervical expansive laminoplasty: clinical and radiological outcomes. *Korean J Spine*. 2014 Sep;11(3):152-6. doi: 10.14245/kjs.2014.11.3.152. Epub 2014 Sep 30. PMID: 25346761; PMCID: PMC4206966.

- 1001: Lee SM, Cho YE, Kwon YM. Neurological outcome after surgical treatment of intramedullary spinal cord tumors. *Korean J Spine*. 2014 Sep;11(3):121-6. doi: 10.14245/kjs.2014.11.3.121. Epub 2014 Sep 30. PMID: 25346757; PMCID: PMC4206956.
- 1002: Park HG, Kang MS, Kim KH, Park JY, Kim KS, Kuh SU. A Surgical Method for Determining Proper Screw Length in ACDF. *Korean J Spine*. 2014 Sep;11(3):117-20. doi: 10.14245/kjs.2014.11.3.117. Epub 2014 Sep 30. PMID: 25346756; PMCID: PMC4206962.
- 1003: Jung HH, Chang WS, Rachmilevitch I, Tlusty T, Zadicario E, Chang JW. Different magnetic resonance imaging patterns after transcranial magnetic resonance-guided focused ultrasound of the ventral intermediate nucleus of the thalamus and anterior limb of the internal capsule in patients with essential tremor or obsessive-compulsive disorder. *J Neurosurg*. 2015 Jan;122(1):162-8. doi: 10.3171/2014.8.JNS132603. PMID: 25343176.
- 1004: Oh J, Kim J, Hong S, Hu C, Pyen J, Whang K, Cho S, You DS. Retrieval of unintended migrated detached coil: case report. *J Cerebrovasc Endovasc Neurosurg*. 2014 Sep;16(3):268-74. doi: 10.7461/jcen.2014.16.3.268. Epub 2014 Sep 30. PMID: 25340030; PMCID: PMC4205254.
- 1005: Kim DY, Choo YS, Jang EW, Chung J, Joo JY, Kim YB. Clinico-radiological Characteristics of Spontaneous Basal Ganglia Hemorrhage, According to Regional Classification. *J Cerebrovasc Endovasc Neurosurg*. 2014 Sep;16(3):216-24. doi: 10.7461/jcen.2014.16.3.216. Epub 2014 Sep 30. PMID: 25340023; PMCID: PMC4205247.
- 1006: Kim SH, Chang WS, Jung HH, Chang JW. Delayed dural arteriovenous fistula after microvascular decompression for hemifacial spasm. *J Korean Neurosurg Soc*. 2014 Aug;56(2):168-70. doi: 10.3340/jkns.2014.56.2.168. Epub 2014 Aug 31. PMID: 25328659; PMCID: PMC4200369.
- 1007: An SB, Kim KN, Chin DK, Kim KS, Cho YE, Kuh SU. Surgical outcomes after traumatic vertebral fractures in patients with ankylosing spondylitis. *J Korean Neurosurg Soc*. 2014 Aug;56(2):108-13. doi: 10.3340/jkns.2014.56.2.108. Epub 2014 Aug 31. PMID: 25328647; PMCID: PMC4200357.
- 1008: Kim SH, Jung HH, Whang K, Kim JY, Pyen JS, Oh JW. Which emphasizing factors are most predictive of hematoma expansion in spot sign positive intracerebral hemorrhage? *J Korean Neurosurg Soc*. 2014 Aug;56(2):86-90. doi: 10.3340/jkns.2014.56.2.86. Epub 2014 Aug 31. PMID: 25328643; PMCID: PMC4200371.
- 1009: Jeon IC, Kim SW, Jung YJ. Large sized common iliac artery aneurysm with thrombus developing a diagnostic confusion in a patient with sciatica. *Korean J Pain*. 2014 Oct;27(4):360-4. doi: 10.3344/kjp.2014.27.4.360. Epub 2014 Oct 1. PMID: 25317286; PMCID: PMC4196502.
- 1010: Lee Y, Ku CR, Kim EH, Hong JW, Lee EJ, Kim SH. Early prediction of long-term response to cabergoline in patients with macroprolactinomas. *Endocrinol Metab (Seoul)*. 2014 Sep;29(3):280-92. doi: 10.3803/EnM.2014.29.3.280. Epub 2014 Sep 25. PMID: 25309786; PMCID: PMC4192821.
- 1011: Kweon TD, Kim JY, Lee HY, Kim MH, Lee YW. Anatomical analysis of medial branches of dorsal rami of cervical nerves for radiofrequency thermocoagulation. *Reg Anesth Pain Med*. 2014 Nov-Dec;39(6):465-71. doi: 10.1097/AAP.000000000000175. PMID: 25304480.
- 1012: Park KY, Kim BM, Kim DJ, Kim DI, Heo JH, Nam HS, Kim YD, Song D. Incidence and risk factors for diffusion-weighted imaging (+) lesions after intracranial stenting and its relationship with symptomatic ischemic complications. *Stroke*. 2014 Nov;45(11):3298-303. doi: 10.1161/STROKEAHA.114.006182. Epub 2014 Oct 9. PMID: 25300970.

- 1013: Chung J, Kim MH, Yoon YJ, Kim KH, Park SR, Choi BH. Effects of granulocyte colony-stimulating factor and granulocyte-macrophage colony-stimulating factor on glial scar formation after spinal cord injury in rats. *J Neurosurg Spine*. 2014 Dec;21(6):966-73. doi: 10.3171/2014.8.SPINE131090. Epub 2014 Oct 3. PMID: 25279652.
- 1014: Cho YJ, Choi EY, Koh HJ, Lee SC, Kim M. Treatment of serous retinal detachment associated with choroidal ischemia with intravitreal bevacizumab following brain surgery. *Korean J Ophthalmol*. 2014 Oct;28(5):424-6. doi: 10.3341/kjo.2014.28.5.424. PMID: 25276086; PMCID: PMC4179121.
- 1015: Minn YK, Lee DH, Hyung WJ, Kim JE, Choi J, Yang SH, Song H, Lim BJ, Kim SH. MicroRNA-200 family members and ZEB2 are associated with brain metastasis in gastric adenocarcinoma. *Int J Oncol*. 2014 Dec;45(6):2403-10. doi: 10.3892/ijo.2014.2680. Epub 2014 Sep 26. PMID: 25270520.
- 1016: Hahn BS, Ji GY, Moon B, Shin DA, Ha Y, Kim KN, Yoon do H. Use of Annular Closure Device (Barricaid®) for Preventing Lumbar Disc Reherniation: One-Year Results of Three Cases. *Korean J Neurotrauma*. 2014 Oct;10(2):119-22. doi: 10.13004/kjnt.2014.10.2.119. Epub 2014 Oct 31. PMID: 27169045; PMCID: PMC4852609.
- 1017: Kim do Y, Choi HJ, Park JY, Kim KH, Kuh SU, Chin DK, Kim KS, Cho YE, Jin BH. Burst Fractures as a Result of Attempted Suicide by Jumping. *Korean J Neurotrauma*. 2014 Oct;10(2):70-5. doi: 10.13004/kjnt.2014.10.2.70. Epub 2014 Oct 31. PMID: 27169037; PMCID: PMC4852615.
- 1018: Oh CH, Ji GY, Cho PG, Choi WS, Shin DA, Kim KN, Kang HA. The catheter tip position and effects of percutaneous epidural neuroplasty in patients with lumbar disc disease during 6-months of follow-up. *Pain Physician*. 2014 Sep- Oct;17(5):E599-608. PMID: 25247909.
- 1019: Kim NH, Cha YH, Kim HS, Lee SE, Huh JK, Kim JK, Kim JM, Ryu JK, Kim HJ, Lee Y, Lee SY, Noh I, Li XY, Weiss SJ, Jahng TA, Yook JI. A platform technique for growth factor delivery with novel mode of action. *Biomaterials*. 2014 Dec;35(37):9888-9896. doi: 10.1016/j.biomaterials.2014.08.005. Epub 2014 Sep 15. PMID: 25218859.
- 1020: Karmacharya MB, Kim KH, Kim SY, Chung J, Min BH, Park SR, Choi BH. Low intensity ultrasound inhibits brain oedema formation in rats: potential action on AQP4 membrane localization. *Neuropathol Appl Neurobiol*. 2015 Jun;41(4):e80-94. doi: 10.1111/nan.12182. PMID: 25201550.
- 1021: He X, Zhang L, Chen Y, Remke M, Shih D, Lu F, Wang H, Deng Y, Yu Y, Xia Y, Wu X, Ramaswamy V, Hu T, Wang F, Zhou W, Burns DK, Kim SH, Kool M, Pfister SM, Weinstein LS, Pomeroy SL, Gilbertson RJ, Rubin JB, Hou Y, Wechsler-Reya R, Taylor MD, Lu QR. The G protein α subunit G α s is a tumor suppressor in Sonic hedgehog-driven medulloblastoma. *Nat Med*. 2014 Sep;20(9):1035-42. doi: 10.1038/nm.3666. Epub 2014 Aug 24. PMID: 25150496; PMCID: PMC4334261.
- 1022: Oh SJ, Kim SH, Ji YB, Jeong K, Park Y, Yang J, Park DW, Noh SK, Kang SG, Huh YM, Son JH, Suh JS. Study of freshly excised brain tissues using terahertz imaging. *Biomed Opt Express*. 2014 Jul 29;5(8):2837-42. doi: 10.1364/BOE.5.002837. PMID: 25136506; PMCID: PMC4133010.
- 1023: Choi SH, Min KT, Lee JR, Choi KW, Han KH, Kim EH, Oh HJ, Lee JH. Determination of EC95 of remifentanil for smooth emergence from propofol anesthesia in patients undergoing transsphenoidal surgery. *J Neurosurg Anesthesiol*. 2015 Apr;27(2):160-6. doi: 10.1097/ANA.0000000000000094. PMID: 25105828.
- 1024: Jeong DU, Lee JE, Lee SE, Chang WS, Kim SJ, Chang JW. Improvements in memory after medial septum stimulation are associated with changes in hippocampal cholinergic activity and neurogenesis. *Biomed Res Int*. 2014;2014:568587. doi: 10.1155/2014/568587. Epub 2014 Jul 2. PMID:

25101288; PMID: PMC4101966.

1025: Park MS, Moon SH, Lee HM, Kim TH, Oh JK, Nam JH, Riew KD. Age-related changes in cervical sagittal range of motion and alignment. *Global Spine J.* 2014 Aug;4(3):151-6. doi: 10.1055/s-0034-1378140. Epub 2014 Jun 9. PMID: 25083355; PMID: PMC4111948.

1026: Kim EH, Ku CR, Lee EJ, Kim SH. Extracapsular en bloc resection in pituitary adenoma surgery. *Pituitary.* 2015 Jun;18(3):397-404. doi: 10.1007/s11102-014-0587-4. PMID: 25064083.

1027: Ahn SJ, Yoo MR, Suh SH, Lee SK, Lee KS, Son EJ, Chung TS. Gadolinium enhanced 3D proton density driven equilibrium MR imaging in the evaluation of cisternal tumor and associated structures: comparison with balanced fast-field-echo sequence. *PLoS One.* 2014 Jul 22;9(7):e103215. doi: 10.1371/journal.pone.0103215. PMID: 25051459; PMID: PMC4106890.

1028: Cho JM, Kim EH, Kim J, Lee SK, Kim SH, Lee KS, Chang JH. Clinical use of diffusion tensor image-merged functional neuronavigation for brain tumor surgeries: review of preoperative, intraoperative, and postoperative data for 123 cases. *Yonsei Med J.* 2014 Sep;55(5):1303-9. doi: 10.3349/ymj.2014.55.5.1303. PMID: 25048489; PMID: PMC4108816.

1029: Harnod D, Wen SH, Chen SY, Harnod T. The association of heart rate variability with parkinsonian motor symptom duration. *Yonsei Med J.* 2014 Sep;55(5):1297-302. doi: 10.3349/ymj.2014.55.5.1297. PMID: 25048488; PMID: PMC4108815.

1030: Ahn SJ, Chung TS, Chang JH, Lee SK. The added value of double dose gadolinium enhanced 3D T2 fluid-attenuated inversion recovery for evaluating small brain metastases. *Yonsei Med J.* 2014 Sep;55(5):1231-7. doi: 10.3349/ymj.2014.55.5.1231. PMID: 25048479; PMID: PMC4108806.

1031: Guo Z, Chen Q, Liu B, Tian D, Zhang S, Li M. LRIG1 enhances chemosensitivity by modulating BCL-2 expression and receptor tyrosine kinase signaling in glioma cells. *Yonsei Med J.* 2014 Sep;55(5):1196-205. doi: 10.3349/ymj.2014.55.5.1196. Erratum in: *Yonsei Med J.* 2014 Nov 1;55(6):1748. PMID: 25048475; PMID: PMC4108802.

1032: Jeon HJ, Kim DJ, Kim BM, Lee JW. Pipeline embolization device for giant internal carotid artery aneurysms: 9-month follow-up results of two cases. *J Cerebrovasc Endovasc Neurosurg.* 2014 Jun;16(2):112-8. doi: 10.7461/jcen.2014.16.2.112. Epub 2014 Jun 30. PMID: 25045651; PMID: PMC4102750.

1033: Choi HJ, Smith JS, Shaffrey CI, Lafage VC, Schwab FJ, Ames CP, Matsumoto M, Baik JS, Ha Y. Coronal plane spinal malalignment and Parkinson's disease: prevalence and associations with disease severity. *Spine J.* 2015 Jan 1;15(1):115-21. doi: 10.1016/j.spinee.2014.07.004. Epub 2014 Jul 17. PMID: 25041726.

1034: Park KY, Kim BM, Ihm EH, Baek JH, Kim DJ, Kim DI, Huh SK, Lee JW. Relationship between Two Types of Coil Packing Densities Relative to Aneurysm Size. *J Neuroimaging.* 2015 May-Jun;25(3):415-9. doi: 10.1111/jon.12140. Epub 2014 Jul 15. PMID: 25040135.

1035: Jeon HJ, Park KY, Kim SY, Lee JW, Huh SK, Lee KC. Surgical outcomes after classifying Grade III arteriovenous malformations according to Lawton's modified Spetzler-Martin grading system. *Clin Neurol Neurosurg.* 2014 Sep;124:72-80. doi: 10.1016/j.clineuro.2014.06.017. Epub 2014 Jul 1. PMID: 25019456.

1036: Kang SH, Lee JW, Lim SH, Kim YH, Kim MK. Verification of the usability of a navigation method in dental implant surgery: in vitro comparison with the stereolithographic surgical guide template

method. *J Craniomaxillofac Surg*. 2014 Oct;42(7):1530-5. doi: 10.1016/j.jcms.2014.04.025. Epub 2014 May 2. PMID: 24954760.

1037: Oh CH, Kim DY, Ji GY, Kim YJ, Yoon SH, Hyun D, Kim EY, Park H, Park HC. Cervical arthroplasty for moderate to severe disc degeneration: clinical and radiological assessments after a minimum follow-up of 18 months—Pfirrmann grade and cervical arthroplasty. *Yonsei Med J*. 2014 Jul;55(4):1072-9. doi: 10.3349/ymj.2014.55.4.1072. PMID: 24954339; PMCID: PMC4075369.

1038: Choi I, Hyun SJ, Kang JK, Rhim SC. Combined muscle motor and somatosensory evoked potentials for intramedullary spinal cord tumour surgery. *Yonsei Med J*. 2014 Jul;55(4):1063-71. doi: 10.3349/ymj.2014.55.4.1063. PMID: 24954338; PMCID: PMC4075368.

1039: Kang MS, Park JY, Kim KH, Kuh SU, Chin DK, Kim KS, Cho YE. Minimally invasive transforaminal lumbar interbody fusion with unilateral pedicle screw fixation: comparison between primary and revision surgery. *Biomed Res Int*. 2014;2014:919248. doi: 10.1155/2014/919248. Epub 2014 May 14. PMID: 24949483; PMCID: PMC4053265.

1040: Hong ZY, Lee HJ, Choi WH, Lee YJ, Eun SH, Lee JI, Park K, Lee JM, Cho J. A preclinical rodent model of acute radiation-induced lung injury after ablative focal irradiation reflecting clinical stereotactic body radiotherapy. *Radiat Res*. 2014 Jul;182(1):83-91. doi: 10.1667/RR13535.1. Epub 2014 Jun 17. PMID: 24937781.

1041: Han J, Han SY, Lee JB, Han SH. Surgical management of long-standing antielevation syndrome after unilateral anterior transposition of the inferior oblique muscle. *J AAPOS*. 2014 Jun;18(3):232-4. doi: 10.1016/j.jaapos.2013.12.002. PMID: 24924274.

1042: Park TY, Na YC, Lee WH, Kim JH, Chang WS, Jung HH, Chang JH, Chang JW, Park YG. Treatment Options of Metastatic Brain Tumors from Hepatocellular Carcinoma: Surgical Resection vs. Gamma Knife Radiosurgery vs. Whole Brain Radiation Therapy. *Brain Tumor Res Treat*. 2013 Oct;1(2):78-84. doi: 10.14791/btrt.2013.1.2.78. Epub 2013 Oct 31. PMID: 24904896; PMCID: PMC4027101.

1043: Oh CH, Kim MS, Noh SH, Shin DA, Ji GY. Vertebral artery dissect injury with brown-séquad syndrome by a neural foramen penetrated electric screw driver bit : a case report. *Korean J Spine*. 2013 Dec;10(4):258-60. doi: 10.14245/kjs.2013.10.4.258. Epub 2013 Dec 31. PMID: 24891861; PMCID: PMC4040642.

1044: Oh CH, Ji GY, Jeon JK, Lee J, Yoon SH, Hyun DK. Slip Reduction Rate between Minimal Invasive and Conventional Unilateral Transforaminal Interbody Fusion in Patients with Low-Grade Isthmic Spondylolisthesis. *Korean J Spine*. 2013 Dec;10(4):232-6. doi: 10.14245/kjs.2013.10.4.232. Epub 2013 Dec 31. PMID: 24891854; PMCID: PMC4040640.

1045: Chang WS, Jung HH, Kweon EJ, Zadicario E, Rachmilevitch I, Chang JW. Unilateral magnetic resonance guided focused ultrasound thalamotomy for essential tremor: practices and clinicoradiological outcomes. *J Neurol Neurosurg Psychiatry*. 2015 Mar;86(3):257-64. doi: 10.1136/jnnp-2014-307642. Epub 2014 May 29. PMID: 24876191.

1046: Kim H, Che L, Ha Y, Ryu W. Mechanically-reinforced electrospun composite silk fibroin nanofibers containing hydroxyapatite nanoparticles. *Mater Sci Eng C Mater Biol Appl*. 2014 Jul 1;40:324-35. doi: 10.1016/j.msec.2014.04.012. Epub 2014 Apr 12. PMID: 24857500.

1047: Kim AR, Chang JW, Chang WS, Park ES, Cho SR. Two-year outcomes of deep brain stimulation in adults with cerebral palsy. *Ann Rehabil Med*. 2014 Apr;38(2):209-17. doi: 10.5535/arm.2014.38.2.209. Epub 2014 Apr 29. PMID: 24855615; PMCID: PMC4026607.

1048: Lee CG, Kim SH, Kim DM, Kim SW. Giant cell tumor of upper thoracic spine. *J Korean Neurosurg Soc.* 2014 Mar;55(3):167-9. doi: 10.3340/jkns.2014.55.3.167. Epub 2014 Mar 31. PMID: 24851155; PMCID: PMC4024819.

1049: Jhung K, Ku J, Kim SJ, Lee H, Kim KR, An SK, Kim SI, Yoon KJ, Lee E. Distinct functional connectivity of limbic network in the washing type obsessive-compulsive disorder. *Prog Neuropsychopharmacol Biol Psychiatry.* 2014 Aug 4;53:149-55. doi: 10.1016/j.pnpbp.2014.04.007. Epub 2014 Apr 24. PMID: 24768985.

1050: Kim MH, Kim SW, Kim SH, Kim HS. Extraforaminal lumbar interbody fusion for cage migration after screw removal: a case report. *Korean J Spine.* 2013 Jun;10(2):104-6. doi: 10.14245/kjs.2013.10.2.104. Epub 2013 Jun 30. PMID: 24757471; PMCID: PMC3941726.

1051: Kim SO, Park KK, Kwon YJ, Shin HC, Choi CS. Steroid-induced Spinal Epidural Lipomatosis after Suprasella Tumor Resection. *Korean J Spine.* 2013 Jun;10(2):88-90. doi: 10.14245/kjs.2013.10.2.88. Epub 2013 Jun 30. PMID: 24757466; PMCID: PMC3941716.

1052: Cho YH, Kim KS, Kwon YM. Heterotopic Ossification after Cervical Arthroplasty with ProDisc-C: Time Course Radiographic Follow-up over 3 years. *Korean J Spine.* 2013 Mar;10(1):19-24. doi: 10.14245/kjs.2013.10.1.19. Epub 2013 Mar 31. PMID: 24757452; PMCID: PMC3941730.

1053: Vila Nova MX, Leite NG, Houllou LM, Medeiros LV, Lira Neto AC, Hsie BS, Borges-Paluch LR, Santos BS, Araujo CS, Rocha AA, Costa AF. Genetic variability and resistance of cultivars of cowpea [*Vigna unguiculata* (L.) Walp] to cowpea weevil (*Callosobruchus maculatus* Fabr.). *Genet Mol Res.* 2014 Mar 31;13(1):2323-32. doi: 10.4238/2014.March.31.12. PMID: 24737480.

1054: Kim KH, Kuh SU, Park JY, Lee SJ, Park HS, Chin DK, Kim KS, Cho YE. Association between BMP-2 and COL6A1 gene polymorphisms with susceptibility to ossification of the posterior longitudinal ligament of the cervical spine in Korean patients and family members. *Genet Mol Res.* 2014 Mar 31;13(1):2240-7. doi: 10.4238/2014.March.31.4. PMID: 24737472.

1055: Oh JK, Smith JS, Shaffrey CI, Lafage V, Schwab F, Ames CP, Matsumoto M, Baik JS, Ha Y. Sagittal spinopelvic malalignment in Parkinson disease: prevalence and associations with disease severity. *Spine (Phila Pa 1976).* 2014 Jun 15;39(14):E833-41. doi: 10.1097/BRS.0000000000000366. PMID: 24732854.

1056: Kim YA, Yoon KB, Kwon TD, Kim DH, Yoon DM. Evaluation of anatomic landmarks for axillary nerve block in the quadrilateral space. *Acta Anaesthesiol Scand.* 2014 May;58(5):567-71. doi: 10.1111/aas.12294. Epub 2014 Mar 20. PMID: 24649930.

1057: Park SY, Kwon HE, Kang HC, Lee JS, Kim DS, Kim HD. Epilepsy surgery in pediatric intractable epilepsy with destructive encephalopathy. *J Epilepsy Res.* 2013 Dec 30;3(2):48-53. doi: 10.14581/jer.13010. PMID: 24649473; PMCID: PMC3952248.

1058: Kim SH, Lee SG, Kim SH, Kim DS, Kim HD. Relapsed herpes simplex virus encephalitis after epilepsy surgery. *J Epilepsy Res.* 2013 Jun 30;3(1):28-31. doi: 10.14581/jer.13005. PMID: 24649468; PMCID: PMC3957312.

1059: Kim JH, Na YC, Lee WH, Chang WS, Jung HH, Chang JW. Bilateral globus pallidus interna deep-brain stimulation in a patient with myoclonus-dystonia: a case report. *Neuromodulation.* 2014 Dec;17(8):724-8. doi: 10.1111/ner.12162. Epub 2014 Feb 25. PMID: 24612290.

1060: Hong ZY, Eun SH, Park K, Choi WH, Lee JI, Lee EJ, Lee JM, Story MD, Cho J. Development of a

- small animal model to simulate clinical stereotactic body radiotherapy-induced central and peripheral lung injuries. *J Radiat Res.* 2014 Jul;55(4):648-57. doi: 10.1093/jrr/rrt234. Epub 2014 Feb 20. PMID: 24556815; PMCID: PMC4099992.
- 1061: Kim YB, Hong CK, Chung J, Joo JY, Huh SK. Long-term clinical and angiographic outcomes of wrap-clipping strategies for unclippable cerebral aneurysms. *Yonsei Med J.* 2014 Mar;55(2):401-9. doi: 10.3349/ymj.2014.55.2.401. PMID: 24532510; PMCID: PMC3936646.
- 1062: Ji GY, Oh CH, Chung D, Shin DA. Spinal subdural hematoma following cranial subdural hematoma : a case report with a literature review. *J Korean Neurosurg Soc.* 2013 Dec;54(6):515-7. doi: 10.3340/jkns.2013.54.6.515. Epub 2013 Dec 31. PMID: 24527196; PMCID: PMC3921281.
- 1063: Byeon SJ, Cho HJ, Baek HW, Park CK, Choi SH, Kim SH, Kim HK, Park SH. Rhabdoid glioblastoma is distinguishable from classical glioblastoma by cytogenetics and molecular genetics. *Hum Pathol.* 2014 Mar;45(3):611-20. doi: 10.1016/j.humpath.2013.08.024. Epub 2013 Nov 7. PMID: 24457079.
- 1064: Nuttin B, Wu H, Mayberg H, Hariz M, Gabriëls L, Galert T, Merkel R, Kubu C, Vilela-Filho O, Matthews K, Taira T, Lozano AM, Schechtmann G, Doshi P, Broggi G, Régis J, Alkhani A, Sun B, Eljamel S, Schulder M, Kaplitt M, Eskandar E, Rezaei A, Krauss JK, Hilven P, Schuurman R, Ruiz P, Chang JW, Cosyns P, Lipsman N, Voges J, Cosgrove R, Li Y, Schlaepfer T. Consensus on guidelines for stereotactic neurosurgery for psychiatric disorders. *J Neurol Neurosurg Psychiatry.* 2014 Sep;85(9):1003-8. doi: 10.1136/jnnp-2013-306580. Epub 2014 Jan 20. PMID: 24444853; PMCID: PMC4145431.
- 1065: Bae YS, Cheong JW, Chang WS, Kim S, Oh EJ, Kim SH. Diagnostic Accuracy of Cerebrospinal Fluid (CSF) Cytology in Metastatic Tumors: An Analysis of Consecutive CSF Samples. *Korean J Pathol.* 2013 Dec;47(6):563-8. doi: 10.4132/KoreanJPathol.2013.47.6.563. Epub 2013 Dec 24. PMID: 24421850; PMCID: PMC3887159.
- 1066: Hong JW, Ku CR, Kim SH, Lee EJ. Characteristics of acromegaly in Korea with a literature review. *Endocrinol Metab (Seoul).* 2013 Sep;28(3):164-8. doi: 10.3803/EnM.2013.28.3.164. PMID: 24396674; PMCID: PMC3811698.
- 1067: Oh CH, Park JS, Choi WS, Choi E, Ji GY. Radiological anatomical consideration of conjoined nerve root with a case review. *Anat Cell Biol.* 2013 Dec;46(4):291-5. doi: 10.5115/acb.2013.46.4.291. Epub 2013 Dec 24. PMID: 24386602; PMCID: PMC3875847.
- 1068: Ahn M, Ahn S, Hong JH, Cho H, Kim K, Kim BS, Chang JW, Jun SC. Gamma band activity associated with BCI performance: simultaneous MEG/EEG study. *Front Hum Neurosci.* 2013 Dec 6;7:848. doi: 10.3389/fnhum.2013.00848. PMID: 24367322; PMCID: PMC3853408.
- 1069: Park JY, Kim KH, Kuh SU, Chin DK, Kim KS, Cho YE. Spine surgeon's kinematics during discectomy, part II: operating table height and visualization methods, including microscope. *Eur Spine J.* 2014 May;23(5):1067-76. doi: 10.1007/s00586-013-3125-6. Epub 2013 Dec 24. PMID: 24366356.
- 1070: Shin DA, Pennant WA, Yoon DH, Ha Y, Kim KN. Co-transplantation of bone marrow-derived mesenchymal stem cells and nanospheres containing FGF-2 improve cell survival and neurological function in the injured rat spinal cord. *Acta Neurochir (Wien).* 2014 Feb;156(2):297-303. doi: 10.1007/s00701-013-1963-y. Epub 2013 Dec 19. PMID: 24352373.
- 1071: Park ES, Rha DW, Lee WC, Sim EG. The effect of obturator nerve block on hip lateralization in low functioning children with spastic cerebral palsy. *Yonsei Med J.* 2014 Jan;55(1):191-6. doi: 10.3349/ymj.2014.55.1.191. PMID: 24339306; PMCID: PMC3874912.

- 1072: Park SH, Oh HS, Jeon JH, Lee YJ, Moon IS, Lee WS. Change in tinnitus after treatment of vestibular schwannoma: microsurgery vs. gamma knife radiosurgery. *Yonsei Med J.* 2014 Jan;55(1):19-24. doi: 10.3349/ymj.2014.55.1.19. PMID: 24339282; PMCID: PMC3874923.
- 1073: Kim KN, Ahn PG, Ryu MJ, Shin DA, Yi S, Yoon DH, Ha Y. Long-term surgical outcomes of cervical myelopathy with athetoid cerebral palsy. *Eur Spine J.* 2014 Jul;23(7):1464-71. doi: 10.1007/s00586-013-3119-4. Epub 2013 Dec 15. PMID: 24337359.
- 1074: Na S, Kim OS, Ryoo S, Kweon TD, Choi YS, Shim HS, Oh YJ. Cervical ganglion block attenuates the progression of pulmonary hypertension via nitric oxide and arginase pathways. *Hypertension.* 2014 Feb;63(2):309-15. doi: 10.1161/HYPERTENSIONAHA.113.01979. Epub 2013 Dec 9. PMID: 24324044.
- 1075: Lee S, Yoon DH, Kim KN, Shin DA, Ha Y. Association between urine cotinine levels and bone mineral density in lumbar spine and femoral neck among adult males. *Spine (Phila Pa 1976).* 2014 Feb 15;39(4):311-7. doi: 10.1097/BRS.000000000000138. PMID: 24299722.
- 1076: Jeon JK, Oh CH, Chung D, Lee J, Choi SH, Choi E, Ji GY. Prevertebral vascular and esophageal consideration during percutaneous cervical disc procedures. *Spine (Phila Pa 1976).* 2014 Feb 15;39(4):275-9. doi: 10.1097/BRS.000000000000140. PMID: 24299720.
- 1077: Park KY, Kim BM, Lim YC, Chung J, Kim DJ, Joo JY, Huh SK, Kim DI, Lee KC, Lee JW. The role of endovascular treatment for ruptured distal anterior cerebral artery aneurysms: comparison with microsurgical clipping. *J Neuroimaging.* 2015 Jan-Feb;25(1):81-6. doi: 10.1111/jon.12073. Epub 2013 Dec 3. PMID: 24299470.
- 1078: Choi HJ, Park JY, Chin DK, Kim KS, Cho YE, Kuh SU. Anatomical parameters of fifth lumbar vertebra in L5-S1 spondylolytic spondylolisthesis from a surgical point of view. *Eur Spine J.* 2014 Sep;23(9):1896-902. doi: 10.1007/s00586-013-3111-z. Epub 2013 Nov 26. PMID: 24275826.
- 1079: Kim KS, Heo DH. Do Postoperative Biomechanical Changes Induce Heterotopic Ossification After Cervical Arthroplasty?: A 5-Year Follow-up Study. *Clin Spine Surg.* 2016 Jul;29(6):E309-13. doi: 10.1097/BSD.000000000000054. PMID: 24270577.
- 1080: Shin DA, Yang BM, Tae G, Kim YH, Kim HS, Kim HI. Enhanced spinal fusion using a biodegradable porous mesh container in a rat posterolateral spinal fusion model. *Spine J.* 2014 Mar 1;14(3):408-15. doi: 10.1016/j.spinee.2013.08.038. Epub 2013 Nov 21. PMID: 24268394.
- 1081: Chung J, Kim YB, Hong CK, Suh SH, Choi EY, Lee HJ, Lim YC, Shin YS, Joo JY. Blood pressure-lowering effect of carotid artery stenting in patients with symptomatic carotid artery stenosis. *Acta Neurochir (Wien).* 2014 Jan;156(1):69-75. doi: 10.1007/s00701-013-1928-1. Epub 2013 Nov 17. PMID: 24241895.
- 1082: Kim DG, Lee JY, Kwon NH, Fang P, Zhang Q, Wang J, Young NL, Guo M, Cho HY, Mushtaq AU, Jeon YH, Choi JW, Han JM, Kang HW, Joo JE, Hur Y, Kang W, Yang H, Nam DH, Lee MS, Lee JW, Kim ES, Moon A, Kim K, Kim D, Kang EJ, Moon Y, Rhee KH, Han BW, Yang JS, Han G, Yang WS, Lee C, Wang MW, Kim S. Chemical inhibition of prometastatic lysyl-tRNA synthetase-laminin receptor interaction. *Nat Chem Biol.* 2014 Jan;10(1):29-34. doi: 10.1038/nchembio.1381. Epub 2013 Nov 10. PMID: 24212136; PMCID: PMC4021855.
- 1083: Pennant WA, An S, Gwak SJ, Choi S, Banh DT, Nguyen AB, Song HY, Ha Y, Park JS. Local non-viral gene delivery of apoptin delays the onset of paresis in an experimental model of intramedullary spinal cord tumor. *Spinal Cord.* 2014 Jan;52(1):3-8. doi: 10.1038/sc.2013.106. Epub 2013 Nov 5. PMID:

24190077.

1084: Moon ES, Karadimas SK, Yu WR, Austin JW, Fehlings MG. Riluzole attenuates neuropathic pain and enhances functional recovery in a rodent model of cervical spondylotic myelopathy. *Neurobiol Dis.* 2014 Feb;62:394-406. doi: 10.1016/j.nbd.2013.10.020. Epub 2013 Oct 29. PMID: 24184328.

1085: Kim HY, Chang WS, Kang DW, Sohn YH, Lee MS, Chang JW. Factors related to outcomes of subthalamic deep brain stimulation in Parkinson's disease. *J Korean Neurosurg Soc.* 2013 Aug;54(2):118-24. doi: 10.3340/jkns.2013.54.2.118. Epub 2013 Aug 31. PMID: 24175026; PMCID: PMC3809437.

1086: Gwak SJ, An SS, Yang MS, Joe E, Kim DH, Yoon DH, Kim KN, Ha Y. Effect of combined bevacizumab and temozolomide treatment on intramedullary spinal cord tumor. *Spine (Phila Pa 1976).* 2014 Jan 15;39(2):E65-73. doi: 10.1097/BRS.000000000000070. PMID: 24158177.

1087: Kim KH, Park JY, Kuh SU, Chin DK, Kim KS, Cho YE. Changes in spinal canal diameter and vertebral body height with age. *Yonsei Med J.* 2013 Nov;54(6):1498-504. doi: 10.3349/ymj.2013.54.6.1498. PMID: 24142657; PMCID: PMC3809869.

1088: Ha Y, Schwab F, Lafage V, Mundis G, Shaffrey C, Smith J, Bess S, Ames C. Reciprocal changes in cervical spine alignment after corrective thoracolumbar deformity surgery. *Eur Spine J.* 2014 Mar;23(3):552-9. doi: 10.1007/s00586-013-2953-8. Epub 2013 Oct 18. PMID: 24136416; PMCID: PMC3940792.

1089: Bhat KPL, Balasubramaniyan V, Vaillant B, Ezhilarasan R, Hummelink K, Hollingsworth F, Wani K, Heathcock L, James JD, Goodman LD, Conroy S, Long L, Lelic N, Wang S, Gumin J, Raj D, Kodama Y, Raghunathan A, Olar A, Joshi K, Pelloski CE, Heimberger A, Kim SH, Cahill DP, Rao G, Den Dunnen WFA, Boddeke HWGM, Phillips HS, Nakano I, Lang FF, Colman H, Sulman EP, Aldape K. Mesenchymal differentiation mediated by NF- κ B promotes radiation resistance in glioblastoma. *Cancer Cell.* 2013 Sep 9;24(3):331-46. doi: 10.1016/j.ccr.2013.08.001. Epub 2013 Aug 29. PMID: 23993863; PMCID: PMC3817560.

1090: Chang WS, Roh D, Kim CH, Chang JW. Combined bilateral anterior cingulotomy and ventral capsule/ventral striatum deep brain stimulation for refractory obsessive-compulsive disorder with major depression: do combined procedures have a long-term benefit? *Restor Neurol Neurosci.* 2013;31(6):723-32. doi: 10.3233/RNN-120290. PMID: 23979095.

1091: Lim HY, Kim KM, Kim BK, Shim JK, Lee JH, Huh YM, Kim SH, Kim EH, Park EK, Shim KW, Chang JH, Kim DS, Kim SH, Hong YK, Lee SJ, Kang SG. Isolation of mesenchymal stem-like cells in meningioma specimens. *Int J Oncol.* 2013 Oct;43(4):1260-8. doi: 10.3892/ijo.2013.2053. Epub 2013 Aug 6. PMID: 23921459.

1092: Maruo K, Ha Y, Inoue S, Samuel S, Okada E, Hu SS, Deviren V, Burch S, William S, Ames CP, Mummaneni PV, Chou D, Berven SH. Predictive factors for proximal junctional kyphosis in long fusions to the sacrum in adult spinal deformity. *Spine (Phila Pa 1976).* 2013 Nov 1;38(23):E1469-76. doi: 10.1097/BRS.0b013e3182a51d43. PMID: 23921319.

1093: Lee SH, Oh CH, Yoon SH, Park HC, Park CO. Prevalence and geographic distribution of herniated intervertebral disc in Korean 19-year-old male from 2008 to 2009: a study based on Korean conscription -national and geographic prevalence of herniated intervertebral disc in Korean 19YO male-. *Yonsei Med J.* 2013 Sep;54(5):1098-103. doi: 10.3349/ymj.2013.54.5.1098. PMID: 23918557; PMCID: PMC3743194.

- 1094: Lee GY, Oh CH, Shim YS, Yoon SH, Park HC, Park CO, Hyun D. Comparison of drainage volume of chronic subdural hematoma according to drainage catheter type. *Yonsei Med J.* 2013 Sep;54(5):1091-7. doi: 10.3349/ymj.2013.54.5.1091. PMID: 23918556; PMCID: PMC3743203.
- 1095: Kim YB, Lee JW, Huh SK, Kim BM, Kim DJ. Outcomes of multidisciplinary treatment for posterior cerebral artery aneurysms. *Clin Neurol Neurosurg.* 2013 Oct;115(10):2062-8. doi: 10.1016/j.clineuro.2013.07.004. Epub 2013 Jul 30. PMID: 23910998.
- 1096: Choi UY, Park JY, Kim KH, Kuh SU, Chin DK, Kim KS, Cho YE. Unilateral versus bilateral percutaneous pedicle screw fixation in minimally invasive transforaminal lumbar interbody fusion. *Neurosurg Focus.* 2013 Aug;35(2):E11. doi: 10.3171/2013.2.FOCUS12398. PMID: 23905949.
- 1097: Ji GY, Oh CH, Shin DA, Ha Y, Kim KN, Yoon DH, Yudoyono F. Stand-alone Cervical Cages Versus Anterior Cervical Plates in 2-Level Cervical Anterior Interbody Fusion Patients: Analysis of Adjacent Segment Degeneration. *J Spinal Disord Tech.* 2015 Aug;28(7):E433-8. doi: 10.1097/BSD.0b013e3182a355ad. PMID: 23897053.
- 1098: Han IB, Ropper AE, Teng YD, Shin DA, Jeon YJ, Park HM, Shin DE, Park YS, Kim KN, Kim NK. Association between VEGF and eNOS gene polymorphisms and lumbar disc degeneration in a young Korean population. *Genet Mol Res.* 2013 Jul 8;12(3):2294-305. doi: 10.4238/2013.July.8.10. PMID: 23884772.
- 1099: Lee YJ, Lee JS, Kang HC, Kim DS, Shim KW, Eom S, Kim HD. Outcomes of epilepsy surgery in childhood-onset epileptic encephalopathy. *Brain Dev.* 2014 Jun;36(6):496-504. doi: 10.1016/j.braindev.2013.06.010. Epub 2013 Jul 11. PMID: 23850002.
- 1100: Ha Y, Maruo K, Racine L, Schairer WW, Hu SS, Deviren V, Burch S, Tay B, Chou D, Mummaneni PV, Ames CP, Berven SH. Proximal junctional kyphosis and clinical outcomes in adult spinal deformity surgery with fusion from the thoracic spine to the sacrum: a comparison of proximal and distal upper instrumented vertebrae. *J Neurosurg Spine.* 2013 Sep;19(3):360-9. doi: 10.3171/2013.5.SPINE12737. Epub 2013 Jul 12. PMID: 23848349.
- 1101: Shin DA, Kim JM, Kim HI, Yi S, Ha Y, Yoon DH, Kim KN. Comparison of functional and histological outcomes after intralaminar, intracisternal, and intravenous transplantation of human bone marrow-derived mesenchymal stromal cells in a rat model of spinal cord injury. *Acta Neurochir (Wien).* 2013 Oct;155(10):1943-50. doi: 10.1007/s00701-013-1799-5. Epub 2013 Jul 3. PMID: 23821338.
- 1102: Chang WS, Kim BS, Jung HH, Kim K, Kwon HC, Lee YH, Chang JW. Decreased inhibitory neuronal activity in patients with frontal lobe brain tumors with seizure presentation: Preliminary study using magnetoencephalography. *Acta Neurochir (Wien).* 2013 Aug;155(8):1449-57. doi: 10.1007/s00701-013-1781-2. Epub 2013 Jun 25. PMID: 23797730.
- 1103: Shin DA, Yang JW, Yi S, Ha Y, Yoon DH, Kim KN. Clinical features and surgical outcomes of primary cauda equina tumours. *Acta Neurochir (Wien).* 2013 Oct;155(10):1911-6. doi: 10.1007/s00701-013-1792-z. Epub 2013 Jun 21. PMID: 23793918.
- 1104: Park KY, Kim DI, Kim BM, Nam HS, Kim YD, Heo JH, Kim DJ. Incidence of embolism associated with carotid artery stenting: open-cell versus closed-cell stents. *J Neurosurg.* 2013 Sep;119(3):642-7. doi: 10.3171/2013.5.JNS1331. Epub 2013 Jun 21. PMID: 23790113.
- 1105: Chae HW, Park YS, Kim DS, Kwon AR, Kim HS, Kim DH. Final height and insulin-like growth factor-1 in children with medulloblastoma treated with growth hormone. *Childs Nerv Syst.* 2013 Oct;29(10):1859-63. doi: 10.1007/s00381-013-2124-6. Epub 2013 Jun 18. PMID: 23775040.

- 1106: Chin DK, Han IB, Ropper AE, Jeon YJ, Kim DH, Kim YS, Park Y, Teng YD, Kim NK, Kuh SU. Association of VKORC1-1639G>A polymorphism with susceptibility to ossification of the posterior longitudinal ligament of the spine: a Korean study. *Acta Neurochir (Wien)*. 2013 Oct;155(10):1937-42. doi: 10.1007/s00701-013-1747-4. Epub 2013 Jun 4. PMID: 23732872.
- 1107: Kim TW, Oh CH, Shim YS, Yoon SH, Park HC, Park CO. Psychopathological influence of lumbar disc herniation in male adolescent. *Yonsei Med J*. 2013 Jul;54(4):813-8. doi: 10.3349/ymj.2013.54.4.813. PMID: 23709412; PMCID: PMC3663227.
- 1108: Oh JK, Yang MS, Yoon DH, Rha KH, Kim KN, Yi S, Ha Y. Robotic resection of huge presacral tumors: case series and comparison with an open resection. *J Spinal Disord Tech*. 2014 Jun;27(4):E151-4. doi: 10.1097/BSD.0b013e318299c5fd. PMID: 23698108.
- 1109: Chung JC, Kim JP, Chang WS, Kim HY, Chang JW. Bilateral pallidal stimulation for "sticking-out tongue" feature in patients with primary focal tongue protrusion dystonia. *Neuromodulation*. 2014 Feb;17(2):133-7. doi: 10.1111/ner.12077. Epub 2013 May 17. PMID: 23682929.
- 1110: Chang WS, Kim BS, Lee JE, Jung HH, Kim K, Kwon HC, Lee YH, Chang JW. 'Is tinnitus accompanied by hemifacial spasm in normal-hearing patients also a type of hyperactive neurovascular compression syndrome? : A magnetoencephalography study. *BMC Neurol*. 2013 May 8;13:42. doi: 10.1186/1471-2377-13-42. PMID: 23651913; PMCID: PMC3655871.
- 1111: Park JS, Park H, Park S, Kim SJ, Seol HJ, Ko YH. Primary central nervous system ALK positive anaplastic large cell lymphoma with predominantly leptomeningeal involvement in an adult. *Yonsei Med J*. 2013 May 1;54(3):791-6. doi: 10.3349/ymj.2013.54.3.791. PMID: 23549832; PMCID: PMC3635648.
- 1112: Park JY, Yoon YS, Park HS, Kuh SU. Molecular response of human cervical and lumbar nucleus pulposus cells from degenerated discs following cytokine treatment. *Genet Mol Res*. 2013 Mar 15;12(1):838-51. doi: 10.4238/2013.March.15.4. PMID: 23546968.
- 1113: Kwon DW, Kim KH, Park JY, Chin DK, Kim KS, Cho YE, Kuh SU. Clinical outcomes and considerations of the lumbar interbody fusion technique for lumbar disk disease in adolescents. *Childs Nerv Syst*. 2013 Aug;29(8):1339-44. doi: 10.1007/s00381-013-2088-6. Epub 2013 Apr 2. PMID: 23545596.
- 1114: Yi S, Shin DA, Kim KN, Choi G, Shin HC, Kim KS, Yoon DH. The predisposing factors for the heterotopic ossification after cervical artificial disc replacement. *Spine J*. 2013 Sep;13(9):1048-54. doi: 10.1016/j.spinee.2013.02.036. Epub 2013 Mar 27. PMID: 23541453.
- 1115: Kim YG, Kim EH, Kim SH, Chang JH. Solitary primary leptomeningeal glioma: case report. *Brain Tumor Res Treat*. 2013 Apr;1(1):36-41. doi: 10.14791/btrt.2013.1.1.36. Epub 2013 Apr 30. PMID: 24904888; PMCID: PMC4027116.
- 1116: Shim KW, Park EK, Lee YH, Kim SH, Kim DS. Transventricular endoscopic fenestration of intrasellar arachnoid cyst. *Neurosurgery*. 2013 Apr;72(4):520-8; discussion on 528. doi: 10.1227/NEU.0b013e318282a6e3. PMID: 23511821.
- 1117: Kim EM, Yoon KB, Lee JH, Yoon DM, Kim DH. The effect of oxygen administration on regional cerebral oxygen saturation after stellate ganglion block on the non-blocked side. *Pain Physician*. 2013 Mar-Apr;16(2):117-24. PMID: 23511678.
- 1118: Kim MS, Keum KC, Cha JH, Kim JH, Seong JS, Lee CG, Nam KC, Koom WS. Stereotactic body

- radiotherapy with helical tomotherapy for pain palliation in spine metastasis. *Technol Cancer Res Treat.* 2013 Aug;12(4):363-70. doi: 10.7785/tcrt.2012.500329. Epub 2013 Feb 22. PMID: 23448578.
- 1119: Kwon HJ, Ko JS, Kim M, Lee CS, Lee SC. Prognosis of choroidal melanoma and the result of ruthenium brachytherapy combined with transpupillary thermotherapy in Korean patients. *Br J Ophthalmol.* 2013 May;97(5):653-8. doi: 10.1136/bjophthalmol-2012-302584. Epub 2013 Feb 21. PMID: 23428983.
- 1120: Kim KH, Kim YS, Kuh SU, Park HS, Park JY, Chin DK, Kim KS, Cho YE. Time- and dose-dependent cytotoxicities of ioxitalamate and indigocarmine in human nucleus pulposus cells. *Spine J.* 2013 May;13(5):564-71. doi: 10.1016/j.spinee.2013.01.019. Epub 2013 Feb 11. PMID: 23406968.
- 1121: Lim HY, Choi HJ, Kim S, Kuh SU. Chronic spinal subdural abscess mimicking an intradural-extramedullary tumor. *Eur Spine J.* 2013 May;22 Suppl 3(Suppl 3):S497-500. doi: 10.1007/s00586-013-2700-1. Epub 2013 Feb 9. PMID: 23397217; PMCID: PMC3641243.
- 1122: Jeon JS, Sheen SH, Hwang G. Hemodynamic instability during carotid angioplasty and stenting-relationship of calcified plaque and its characteristics. *Yonsei Med J.* 2013 Mar 1;54(2):295-300. doi: 10.3349/ymj.2013.54.2.295. PMID: 23364959; PMCID: PMC3575967.
- 1123: Han SR, Kim KN, Yee GT, Choi CY, Lee DJ, Sohn MJ, Lee CH. Fractionated stereotactic radiotherapy using Novalis for confined intra-orbital optic nerve glioma in pediatric patient. *Childs Nerv Syst.* 2013 May;29(5):867-71. doi: 10.1007/s00381-013-2031-x. Epub 2013 Jan 22. PMID: 23338672.
- 1124: Kim EH, Oh MC, Kim SH. Application of low-field intraoperative magnetic resonance imaging in transsphenoidal surgery for pituitary adenomas: technical points to improve the visibility of the tumor resection margin. *Acta Neurochir (Wien).* 2013 Mar;155(3):485-93. doi: 10.1007/s00701-012-1608-6. Epub 2013 Jan 15. PMID: 23318686.
- 1125: Kim YG, Jeon S, Sin GY, Shim JK, Kim BK, Shin HJ, Lee JH, Huh YM, Lee SJ, Kim EH, Park EK, Kim SH, Chang JH, Kim DS, Kim SH, Hong YK, Kang SG, Lang FF. Existence of glioma stroma mesenchymal stemlike cells in Korean glioma specimens. *Childs Nerv Syst.* 2013 Apr;29(4):549-63. doi: 10.1007/s00381-012-1988-1. Epub 2012 Dec 29. PMID: 23274635.
- 1126: Park JY, Kim KH, Kuh SU, Chin DK, Kim KS, Cho YE. What are the associative factors of adjacent segment degeneration after anterior cervical spine surgery? Comparative study between anterior cervical fusion and arthroplasty with 5-year follow-up MRI and CT. *Eur Spine J.* 2013 May;22(5):1078-89. doi: 10.1007/s00586-012-2613-4. Epub 2012 Dec 15. PMID: 23242622; PMCID: PMC3657045.
- 1127: Choi Y, Song YJ, Lee HS, Hur WJ, Sung KH, Kim KU, Choi SS, Kim SJ, Kim DC. Epidermal growth factor receptor is related to poor survival in glioblastomas: single-institution experience. *Yonsei Med J.* 2013 Jan 1;54(1):101-7. doi: 10.3349/ymj.2013.54.1.101. PMID: 23225805; PMCID: PMC3521249.
- 1128: Ji B, Chen Q, Liu B, Wu L, Tian D, Guo Z, Yi W. Glioma stem cell-targeted dendritic cells as a tumor vaccine against malignant glioma. *Yonsei Med J.* 2013 Jan 1;54(1):92-100. doi: 10.3349/ymj.2013.54.1.92. PMID: 23225804; PMCID: PMC3521251.
- 1129: Park SH, Kim YB, Huh SK. Effect of premedication method and drug resistance of antiplatelet agent on periprocedural thromboembolic events during coil embolization of an unruptured intracranial aneurysm. *J Cerebrovasc Endovasc Neurosurg.* 2012 Sep;14(3):148-56. doi: 10.7461/jcen.2012.14.3.148. Epub 2012 Sep 28. PMID: 23210040; PMCID: PMC3491207.

- 1130: Chung J, Kim YB, Hong CK, Joo JY, Shin YS, Lim YC. Stent salvage using the Enterprise stent for procedure-related complication during coil embolization of ruptured intracranial aneurysms. *Acta Neurochir (Wien)*. 2013 Feb;155(2):223-9. doi: 10.1007/s00701-012-1528-5. Epub 2012 Nov 10. PMID: 23149588.
- 1131: Park SH, Kuh SU, Lim BJ. Retroperitoneal spinal extradural arachnoid cyst combined with congenital hemivertebrae. *J Korean Neurosurg Soc*. 2012 Sep;52(3):257-60. doi: 10.3340/jkns.2012.52.3.257. Epub 2012 Sep 30. PMID: 23115673; PMCID: PMC3483331.
- 1132: Kang JH, Kang DW, Chung SS, Chang JW. The effect of microvascular decompression for hemifacial spasm caused by vertebrobasilar dolichoectasia. *J Korean Neurosurg Soc*. 2012 Aug;52(2):85-91. doi: 10.3340/jkns.2012.52.2.85. Epub 2012 Aug 31. PMID: 23091664; PMCID: PMC3467381.
- 1133: Oh JW, Lee JY, Lee MS, Jung HH, Whang K; Brain Research Group. The meaning of the prognostic factors in ruptured middle cerebral artery aneurysm with intracerebral hemorrhage. *J Korean Neurosurg Soc*. 2012 Aug;52(2):80-4. doi: 10.3340/jkns.2012.52.2.80. Epub 2012 Aug 31. PMID: 23091663; PMCID: PMC3467380.
- 1134: Chung JC, Kim SM, Sade B, Kim HK, Park MS, Chung SY, Park KS. Endoscope- assisted microsurgical removal of an epidermoid tumor within the cavernous sinus. *Yonsei Med J*. 2012 Nov 1;53(6):1216-9. doi: 10.3349/ymj.2012.53.6.1216. PMID: 23074125; PMCID: PMC3481371.
- 1135: Oh CH, Kim CG, Lee MS, Yoon SH, Park HC, Park CO. Usefulness of chest radiographs for scoliosis screening: a comparison with thoraco-lumbar standing radiographs. *Yonsei Med J*. 2012 Nov 1;53(6):1183-9. doi: 10.3349/ymj.2012.53.6.1183. PMID: 23074120; PMCID: PMC3481372.
- 1136: Oh CH, Lim HK, Chung J, Yoon SH, Park HC, Park CO. The psychopathological influence of congenital heart disease in Korean male adolescents: an analysis of multiphasic personal inventory test results. *Yonsei Med J*. 2012 Nov 1;53(6):1107-12. doi: 10.3349/ymj.2012.53.6.1107. PMID: 23074109; PMCID: PMC3481384.
- 1137: Kim TY, Yoon DH, Shin HC, Kim KN, Yi S, Oh JK, Ha Y. Spinal cord hemangioblastomas in von hippel-lindau disease: management of asymptomatic and symptomatic tumors. *Yonsei Med J*. 2012 Nov 1;53(6):1073-80. doi: 10.3349/ymj.2012.53.6.1073. PMID: 23074104; PMCID: PMC3481394.
- 1138: Chung Y, Yoon HI, Kim JH, Nam KC, Koom WS. Is helical tomotherapy accurate and safe enough for spine stereotactic body radiotherapy? *J Cancer Res Clin Oncol*. 2013 Feb;139(2):243-8. doi: 10.1007/s00432-012-1321-0. Epub 2012 Oct 2. PMID: 23052695.
- 1139: Chang WS, Chung JC, Kim JP, Chang JW. Simultaneous thalamic and posterior subthalamic electrode insertion with single deep brain stimulation electrode for essential tremor. *Neuromodulation*. 2013 May-Jun;16(3):236-43; discussion 243. doi: 10.1111/j.1525-1403.2012.00503.x. Epub 2012 Sep 17. PMID: 22985104.
- 1140: Jang SJ, Kim J, Cho JM, Noh S, Park SH, Kim SH. A biphasic tumor consisting of pilocytic astrocytoma with an anaplastic solitary fibrous tumor component in the pineal region: a case report and literature review. *Neuropathology*. 2013 Jun;33(3):288-91. doi: 10.1111/j.1440-1789.2012.01347.x. Epub 2012 Sep 17. PMID: 22978513.
- 1141: Shim KW, Park EK, Lee YH, Suh CO, Cho J, Choi JU, Kim DS. Treatment strategy for intracranial primary pure germinoma. *Childs Nerv Syst*. 2013 Feb;29(2):239-48. doi: 10.1007/s00381-012-1902-x. Epub 2012 Sep 11. PMID: 22965772.

- 1142: Shin S, Chung WY, Jeong JJ, Kang SW, Oh YJ. Analgesic efficacy of bilateral superficial cervical plexus block in robot-assisted endoscopic thyroidectomy using a transaxillary approach. *World J Surg.* 2012 Dec;36(12):2831-7. doi: 10.1007/s00268-012-1780-0. PMID: 22956016.
- 1143: Ha SM, Shin DA. Intradural extramedullary ependymoma with spinal root attachment: a case report. *Korean J Spine.* 2012 Sep;9(3):250-2. doi: 10.14245/kjs.2012.9.3.250. Epub 2012 Sep 30. PMID: 25983824; PMCID: PMC4431011.
- 1144: Kang MS, Lee JW, Zhang HY, Cho YE, Park YM. Diagnosis of Cervical OPLL in Lateral Radiograph and MRI: Is it Reliable? *Korean J Spine.* 2012 Sep;9(3):205-8. doi: 10.14245/kjs.2012.9.3.205. Epub 2012 Sep 30. PMID: 25983816; PMCID: PMC4431003.
- 1145: Kim JH, Zhang HY, Park YM. Cervical expansive laminoplasty with 90° box- shape double door method. *Korean J Spine.* 2012 Sep;9(3):193-6. doi: 10.14245/kjs.2012.9.3.193. Epub 2012 Sep 30. PMID: 25983814; PMCID: PMC4431001.
- 1146: Na YC, Lee HS, Shin DA, Ha Y, Kim KN, Yoon DH. Initial clinical outcomes of minimally invasive lateral lumbar interbody fusion in degenerative lumbar disease: a preliminary report on the experience of a single institution with 30 cases. *Korean J Spine.* 2012 Sep;9(3):187-92. doi: 10.14245/kjs.2012.9.3.187. Epub 2012 Sep 30. PMID: 25983813; PMCID: PMC4431000.
- 1147: Kim JS, Lee HS, Shin DA, Kim KN, Yoon DH. Correction of Coronal Imbalance in Degenerative Lumbar Spine Disease Following Direct Lateral Interbody Fusion (DLIF). *Korean J Spine.* 2012 Sep;9(3):176-80. doi: 10.14245/kjs.2012.9.3.176. Epub 2012 Sep 30. PMID: 25983811; PMCID: PMC4430998.
- 1148: Kang MS, Park JY, Chin DK, Kim KH, Kuh SU, Kim KS, Cho YE. A PET/CT-based Morphometric Study of Spinal Canal in Korean Young Adults: Anteroposterior Diameter from Cervical Vertebra to Sacrum. *Korean J Spine.* 2012 Sep;9(3):165-9. doi: 10.14245/kjs.2012.9.3.165. Epub 2012 Sep 30. PMID: 25983809; PMCID: PMC4430996.
- 1149: Byun DH, Shin DA, Kim JM, Kim SH, Kim HI. Finite element analysis of the biomechanical effect of coflex™ on the lumbar spine. *Korean J Spine.* 2012 Sep;9(3):131-6. doi: 10.14245/kjs.2012.9.3.131. Epub 2012 Sep 30. PMID: 25983803; PMCID: PMC4430990.
- 1150: Chang WS, Chung JC, Kim JP, Chung SS, Chang JW. Delayed recurrence of hemifacial spasm after successful microvascular decompression: follow-up results at least 5 years after surgery. *Acta Neurochir (Wien).* 2012 Sep;154(9):1613-9. doi: 10.1007/s00701-012-1424-z. Epub 2012 Jul 28. PMID: 22843173.
- 1151: Kim EH, Oh MC, Kim SH. Angiographically documented cerebral vasospasm following transphenoidal surgery for pituitary tumors. *Pituitary.* 2013 Jun;16(2):260-9. doi: 10.1007/s11102-012-0415-7. PMID: 22843020.
- 1152: Moon JH, Kuh SU, Park HS, Kim KH, Park JY, Chin DK, Kim KS, Cho YE. Triamcinolone decreases bupivacaine toxicity to intervertebral disc cell in vitro. *Spine J.* 2012 Aug;12(8):665-73. doi: 10.1016/j.spinee.2012.06.009. Epub 2012 Jul 21. PMID: 22819189.
- 1153: Kim JP, Chang WS, Cho SR, Chang JW. The effect of bilateral globus pallidus internus deep brain stimulation plus ventralis oralis thalamotomy on patients with cerebral palsy. *Stereotact Funct Neurosurg.* 2012;90(5):292-9. doi: 10.1159/000338093. Epub 2012 Jul 12. PMID: 22797720.
- 1154: Kim CY, Lee SY. Orbital paraganglioma: gamma knife surgery as a therapeutic option. *J*

Craniofac Surg. 2012 Jul;23(4):1127-8. doi: 10.1097/SCS.0b013e31824e5c99. PMID: 22777449.

1155: Park JY, Kim KH, Kuh SU, Chin DK, Kim KS, Cho YE. Spine surgeon's kinematics during discectomy according to operating table height and the methods to visualize the surgical field. *Eur Spine J*. 2012 Dec;21(12):2704-12. doi: 10.1007/s00586-012-2425-6. Epub 2012 Jul 10. PMID: 22772353; PMCID: PMC3508227.

1156: Choi YS, Shim JK, Song JW, Kim JC, Yoo YC, Kwak YL. Combination of pregabalin and dexamethasone for postoperative pain and functional outcome in patients undergoing lumbar spinal surgery: a randomized placebo-controlled trial. *Clin J Pain*. 2013 Jan;29(1):9-14. doi: 10.1097/AJP.0b013e318246d1a9. PMID: 22751028.

1157: Oh J, Kim KN, Yoon DH, Han SR, Shin DA, Ha Y. Rapid recovery of tissue hypoxia by cotransplantation of endothelial cells. *Neuroreport*. 2012 Aug 1;23(11):658-62. doi: 10.1097/WNR.0b013e3283555d1b. PMID: 22705626.

1158: Kim JS, Kuh SU. Immediate Revision Surgery due to Post-Anterior Cervical Discectomy and Fusion (ACDF) Spinal Epidural Hematoma. *Korean J Spine*. 2012 Jun;9(2):111-3. doi: 10.14245/kjs.2012.9.2.111. Epub 2012 Jun 30. PMID: 25983799; PMCID: PMC4432358.

1159: Kuh SU, Kim YS, Choi HJ, Kim KH, Park JY, Jeong HY, Chin DK, Kim KS, Yoon YS, Lee YC, Cho YE. A novel blasted and grooved low profile pedicle screw able to resist high compression bending loads. *Korean J Spine*. 2012 Jun;9(2):61-5. doi: 10.14245/kjs.2012.9.2.61. Epub 2012 Jun 30. PMID: 25983790; PMCID: PMC4432362.

1160: Kim J, Kim J, Min KS, Lee SE, Kim SJ, Chang JW. VPL-DBS on neuropathic pain rat model is effective in mechanical allodynia than cold allodynia. *Neurol Sci*. 2012 Dec;33(6):1265-70. doi: 10.1007/s10072-012-1097-7. Epub 2012 May 5. PMID: 22562402.

1161: Ando K, Imagama S, Wakao N, Hirano K, Tauchi R, Muramoto A, Matsui H, Matsumoto T, Matsuyama Y, Ishiguro N. Single-stage removal of thoracic dumbbell tumors from a posterior approach only with costotransversectomy. *Yonsei Med J*. 2012 May;53(3):611-7. doi: 10.3349/ymj.2012.53.3.611. PMID: 22477007; PMCID: PMC3343420.

1162: Kim HJ. The prognostic factors related to traumatic brain stem injury. *J Korean Neurosurg Soc*. 2012 Jan;51(1):24-30. doi: 10.3340/jkns.2012.51.1.24. Epub 2012 Jan 31. PMID: 22396839; PMCID: PMC3291702.

1163: Oh JK, Kim TY, Lee HS, You NK, Choi GH, Yi S, Ha Y, Kim KN, Yoon DH, Shin HC. Stand-alone cervical cages versus anterior cervical plate in 2-level cervical anterior interbody fusion patients: clinical outcomes and radiologic changes. *J Spinal Disord Tech*. 2013 Dec;26(8):415-20. doi: 10.1097/BSD.0b013e31824c7d22. PMID: 22367466.

1164: Kim JP, Chang WS, Chang JW. The long-term surgical outcomes of secondary hemidystonia associated with post-traumatic brain injury. *Acta Neurochir (Wien)*. 2012 May;154(5):823-30. doi: 10.1007/s00701-012-1306-4. Epub 2012 Feb 27. PMID: 22367408.

1165: Oh JS, Park IS, Kim KN, Yoon DH, Kim SH, Ha Y. Transplantation of an adipose stem cell cluster in a spinal cord injury. *Neuroreport*. 2012 Mar 28;23(5):277-82. doi: 10.1097/WNR.0b013e3283505ae2. PMID: 22336872.

1166: Kim EJ, Hong S, Lee JB, Han SH. Recession-resection surgery augmented with botulinum toxin a chemodenervation for paralytic horizontal strabismus. *Korean J Ophthalmol*. 2012 Feb;26(1):69-71.

doi: 10.3341/kjo.2012.26.1.69. Epub 2012 Jan 14. PMID: 22323891; PMCID: PMC3268175.

1167: Oh MC, Kim EH, Kim SH. Coexistence of intracranial aneurysm in 800 patients with surgically confirmed pituitary adenoma. *J Neurosurg.* 2012 May;116(5):942-7. doi: 10.3171/2011.12.JNS11875. Epub 2012 Feb 3. PMID: 22304451.

1168: Kim KH, Kuh SU, Park JY, Kim KS, Chin DK, Cho YE. What is the importance of "halo" phenomenon around bone cement following vertebral augmentation for osteoporotic compression fracture? *Osteoporos Int.* 2012 Oct;23(10):2559-65. doi: 10.1007/s00198-012-1896-y. Epub 2012 Jan 21. PMID: 22270859.

1169: Kim JP, Chang WS, Park YS, Chang JW. Effects of relative low-frequency bilateral globus pallidus internus stimulation for treatment of cervical dystonia. *Stereotact Funct Neurosurg.* 2012;90(1):30-6. doi: 10.1159/000333839. Epub 2012 Jan 6. PMID: 22236724.

1170: Kim JP, Chung JC, Chang WS, Choi JY, Chang JW. Surgical complications of pediatric auditory brain stem implantation in patients with narrow internal auditory canal following retrosigmoid approach. *Childs Nerv Syst.* 2012 Jun;28(6):933-8. doi: 10.1007/s00381-011-1675-7. Epub 2012 Jan 11. PMID: 22234544.

1171: Kim JH, Park YM, Chin DK. Idiopathic hypertrophic spinal pachymeningitis : report of two cases and review of the literature. *J Korean Neurosurg Soc.* 2011 Oct;50(4):392-5. doi: 10.3340/jkns.2011.50.4.392. Epub 2011 Oct 31. PMID: 22200026; PMCID: PMC3243847.

1172: Kim JP, Chang WS, Park YS, Chang JW. Impact of ventralis caudalis deep brain stimulation combined with stereotactic bilateral cingulotomy for treatment of post-stroke pain. *Stereotact Funct Neurosurg.* 2012;90(1):9-15. doi: 10.1159/000330382. Epub 2011 Dec 22. PMID: 22189908.

1173: Oh JS, An SS, Gwak SJ, Pennant WA, Kim KN, Yoon DH, Ha Y. Hypoxia-specific VEGF-expressing neural stem cells in spinal cord injury model. *Neuroreport.* 2012 Feb 15;23(3):174-8. doi: 10.1097/WNR.0b013e32834f4f3a. PMID: 22186804.

1174: Kim JP, Chung JC, Chang WS, Chung SS, Chang JW. Outcomes of surgical treatment for hemifacial spasm associated with the vertebral artery: severity of compression, indentation, and color change. *Acta Neurochir (Wien).* 2012 Mar;154(3):501-8. doi: 10.1007/s00701-011-1247-3. Epub 2011 Dec 11. PMID: 22160400.

1175: Cho JM, Min KT, Kim EH, Oh MC, Kim SH. Sudden asystole due to trigeminocardiac reflex during transsphenoidal surgery for pituitary tumor. *World Neurosurg.* 2011 Nov;76(5):477.e11-5. doi: 10.1016/j.wneu.2011.01.043. PMID: 22152579.

1176: Cho YJ, Song SK, Jang SH, Chang JW, Lee BI, Heo K. Simple Partial Status of Forced Thinking Originated in the Mesial Temporal Region: Intracranial Foramen Ovale Electrode Recording and Ictal PET. *J Epilepsy Res.* 2011 Dec 30;1(2):77-80. doi: 10.14581/jer.11015. PMID: 24649451; PMCID: PMC3952329.

1177: Ihm EH, Han IB, Shin DA, Kim TG, Huh R, Chung SS. Spinous process morphometry for interspinous device implantation in Korean patients. *World Neurosurg.* 2013 Jan;79(1):172-6. doi: 10.1016/j.wneu.2011.04.027. Epub 2011 Nov 7. PMID: 22120390.

1178: Park YS, Kim BS, Lee DK, Lee SK, Kwon HC, Kim K, Lee YH, Chang JW. Assessment of non-motor hearing symptoms in hemifacial spasm using magnetoencephalography. *Acta Neurochir (Wien).* 2012 Mar;154(3):509-15. doi: 10.1007/s00701-011-1231-y. Epub 2011 Nov 25. PMID: 22116454.

- 1179: Lee SH, Kim KH, Cheong SM, Kim S, Kooh M, Chin DK. A comparison of the effect of epidural patient-controlled analgesia with intravenous patient-controlled analgesia on pain control after posterior lumbar instrumented fusion. *J Korean Neurosurg Soc.* 2011 Sep;50(3):205-8. doi: 10.3340/jkns.2011.50.3.205. Epub 2011 Sep 30. PMID: 22102950; PMCID: PMC3218179.
- 1180: Kang H, Ko CY, Ryu Y, Seo DH, Kim HS, Jung B. Development of a minimally invasive laser needle system: effects on cortical bone of osteoporotic mice. *Lasers Med Sci.* 2012 Sep;27(5):965-9. doi: 10.1007/s10103-011-1014-y. Epub 2011 Nov 9. PMID: 22083368.
- 1181: Murakami M, Fujimaki T, Asano S, Nakaguchi H, Yamada SM, Hoya K, Yamazaki K, Ishida Y, Matsuno A. Combination therapy with rituximab and temozolomide for recurrent and refractory primary central nervous system lymphoma. *Yonsei Med J.* 2011 Nov;52(6):1031-4. doi: 10.3349/ymj.2011.52.6.1031. PMID: 22028172; PMCID: PMC3220260.
- 1182: Lee WS, Kim J. Revised surgical strategy to preserve facial function after resection of facial nerve schwannoma. *Otol Neurotol.* 2011 Dec;32(9):1548-53. doi: 10.1097/MAO.0b013e318232e46e. PMID: 22015939.
- 1183: Kim SH, Chang WS, Kim JP, Minn YK, Choi J, Chang JW, Kim TS, Park YG, Chang JH. Peripheral compressing artifacts in brain tissue from stereotactic biopsy with sidecutting biopsy needle: a pitfall for adequate glioma grading. *Clin Neuropathol.* 2011 Nov-Dec;30(6):328-32. doi: 10.5414/np300404. PMID: 22011740; PMCID: PMC3663469.
- 1184: Kim HJ, Oh JS, An SS, Pennant WA, Gwak SJ, Kim AN, Han PK, Yoon DH, Kim KN, Ha Y. Hypoxia-specific GM-CSF-overexpressing neural stem cells improve graft survival and functional recovery in spinal cord injury. *Gene Ther.* 2012 May;19(5):513-21. doi: 10.1038/gt.2011.137. Epub 2011 Oct 20. PMID: 22011644.
- 1185: Kang DW, Kang JH, Lee MS, Chang JW. Posttraumatic hemidystonia treated with unilateral globus pallidus interna stimulation: Long-term follow-up and radiologic features. *Neuromodulation.* 2010 Oct;13(4):261-4. doi: 10.1111/j.1525-1403.2010.00306.x. PMID: 21992879.
- 1186: Park YS, Kim HY, Chang WS, Lee PH, Sohn YH, Chang JW. A comparison of LEDD and motor scores following STN-DBS treatment in patient with young onset vs. late onset Parkinson's disease. *Neuromodulation.* 2010 Oct;13(4):255-60. doi: 10.1111/j.1525-1403.2009.00273.x. PMID: 21992878.
- 1187: Kim JP, Chang WS, Chang JW. Treatment of secondary dystonia with a combined stereotactic procedure: long-term surgical outcomes. *Acta Neurochir (Wien).* 2011 Dec;153(12):2319-27; discussion 2328. doi: 10.1007/s00701-011-1147-6. Epub 2011 Sep 11. PMID: 21909834.
- 1188: Jeong DU, Chang WS, Hwang YS, Lee D, Chang JW. Decrease of GABAergic markers and arc protein expression in the frontal cortex by intraventricular 192 IgG-saporin. *Dement Geriatr Cogn Disord.* 2011;32(1):70-8. doi: 10.1159/000330741. Epub 2011 Aug 26. PMID: 21876356.
- 1189: Kim EH, Kim SH, Cho JM, Ahn JY, Chang JH. Immunoglobulin G4-related hypertrophic pachymeningitis involving cerebral parenchyma. *J Neurosurg.* 2011 Dec;115(6):1242-7. doi: 10.3171/2011.7.JNS1166. Epub 2011 Aug 19. PMID: 21854114.
- 1190: Oh JK, Lee DY, Kim TY, Yi S, Ha Y, Kim KN, Shin H, Kim DS, Yoon DH. Thoracolumbar extradural arachnoid cysts: a study of 14 consecutive cases. *Acta Neurochir (Wien).* 2012 Feb;154(2):341-8; discussion 348. doi: 10.1007/s00701-011-1110-6. Epub 2011 Aug 13. PMID: 21842210.
- 1191: Cho JM, Kim SH, Kim SH, Lee KS, Chang JH. Recurred cerebellopontine angle

- haemangiopericytoma 5 years after stereotactic radiosurgery. *Clin Neurol Neurosurg.* 2011 Dec;113(10):931-3. doi: 10.1016/j.clineuro.2011.06.013. Epub 2011 Jul 29. PMID: 21802837.
- 1192: Gwak SJ, Jung JK, An SS, Kim HJ, Oh JS, Pennant WA, Lee HY, Kong MH, Kim KN, Yoon DH, Ha Y. Chitosan/TPP-hyaluronic acid nanoparticles: a new vehicle for gene delivery to the spinal cord. *J Biomater Sci Polym Ed.* 2012;23(11):1437-50. doi: 10.1163/092050611x584090. Epub 2012 May 8. PMID: 21781382.
- 1193: Cho YE, Shin JJ, Kim KS, Chin DK, Kuh SU, Lee JH, Cho WH. The relevance of intramedullary high signal intensity and gadolinium (Gd-DTPA) enhancement to the clinical outcome in cervical compressive myelopathy. *Eur Spine J.* 2011 Dec;20(12):2267-74. doi: 10.1007/s00586-011-1878-3. Epub 2011 Jul 22. PMID: 21779859; PMCID: PMC3229731.
- 1194: An SS, Pennant WA, Ha Y, Oh JS, Kim HJ, Gwak SJ, Yoon DH, Kim KN. Hypoxia- induced expression of VEGF in the organotypic spinal cord slice culture. *Neuroreport.* 2011 Jan 26;22(2):55-60. doi: 10.1097/WNR.0b013e3283418b00. PMID: 21753742.
- 1195: Choi GH, Kim KN, Lee S, Ji GY, Oh JK, Kim TY, Yoon DH, Ha Y, Yi S, Shin H. The clinical features and surgical outcomes of patients with intramedullary spinal cord cavernous malformations. *Acta Neurochir (Wien).* 2011 Aug;153(8):1677-84; discussion 1685. doi: 10.1007/s00701-011-1016-3. Epub 2011 Jul 2. PMID: 21720938.
- 1196: Kim KH, Kuh SU, Chin DK, Jin BH, Kim KS, Yoon YS, Cho YE. Kyphoplasty versus vertebroplasty: restoration of vertebral body height and correction of kyphotic deformity with special attention to the shape of the fractured vertebrae. *J Spinal Disord Tech.* 2012 Aug;25(6):338-44. doi: 10.1097/BSD.0b013e318224a6e6. PMID: 21705918.
- 1197: Lim JS, Lee SK, Kim SH, Lee EJ, Kim SH. Intraoperative multiple-staged resection and tumor tissue identification using frozen sections provide the best result for the accurate localization and complete resection of tumors in Cushing's disease. *Endocrine.* 2011 Dec;40(3):452-61. doi: 10.1007/s12020-011-9499-5. Epub 2011 Jun 19. PMID: 21688179.
- 1198: Park JY, Zhang HY, Oh MC. New technical tip for anterior cervical plating : make hole first and choose the proper plate size later. *J Korean Neurosurg Soc.* 2011 Apr;49(4):212-6. doi: 10.3340/jkns.2011.49.4.212. Epub 2011 Apr 30. PMID: 21607178; PMCID: PMC3098423.
- 1199: Kim JP, Chang WS, Park YS, Chang JW. Bilateral globus pallidus internus deep brain stimulation for DYT1+ generalized dystonia with previously received bilateral thalamotomy and unilateral pallidotomy. *Stereotact Funct Neurosurg.* 2011;89(4):205-9. doi: 10.1159/000325660. Epub 2011 May 20. PMID: 21597310.
- 1200: Kang DW, Kim HY, Chang JW. Cerebral ischemia related to globus pallidus internus stimulation for cervical dystonia. *Stereotact Funct Neurosurg.* 2011;89(4):201-4. doi: 10.1159/000325655. Epub 2011 May 20. PMID: 21597309.
- 1201: Kim EH, Cho JM, Chang JH, Kim SH, Lee KS. Application of intraoperative indocyanine green videoangiography to brain tumor surgery. *Acta Neurochir (Wien).* 2011 Jul;153(7):1487-95; discussion 1494-5. doi: 10.1007/s00701-011-1046-x. Epub 2011 May 19. PMID: 21590519.
- 1202: Park EK, Lee YH, Shim KW, Choi JU, Kim DS. Natural history and progression factors of unilateral moyamoya disease in pediatric patients. *Childs Nerv Syst.* 2011 Aug;27(8):1281-7. doi: 10.1007/s00381-011-1469-y. Epub 2011 May 7. PMID: 21552998.

- 1203: Jung YJ, Kang HC, Choi KO, Lee JS, Kim DS, Cho JH, Kim SH, Im CH, Kim HD. Localization of ictal onset zones in Lennox-Gastaut syndrome using directional connectivity analysis of intracranial electroencephalography. *Seizure*. 2011 Jul;20(6):449-57. doi: 10.1016/j.seizure.2011.02.004. Epub 2011 Apr 23. PMID: 21515079.
- 1204: Park YS, Kang JH, Kim HY, Kang DW, Chang WS, Kim JP, Chang JW. A combination procedure with double C-shaped skin incision and dual-floor burr hole method to prevent skin erosion on the scalp and reduce postoperative skin complications in deep brain stimulation. *Stereotact Funct Neurosurg*. 2011;89(3):178-84. doi: 10.1159/000324903. Epub 2011 Apr 20. PMID: 21508657.
- 1205: Jang EW, Jung JY, Hong CK, Joo JY. Benefits of surgical treatment for unruptured intracranial aneurysms in elderly patients. *J Korean Neurosurg Soc*. 2011 Jan;49(1):20-5. doi: 10.3340/jkns.2011.49.1.20. Epub 2011 Jan 31. PMID: 21494358; PMCID: PMC3070890.
- 1206: Shin IY, Ahn RS, Chun SI, Lee YJ, Kim MS, Lee CK, Sung S. Cortisol awakening response and nighttime salivary cortisol levels in healthy working Korean subjects. *Yonsei Med J*. 2011 May;52(3):435-44. doi: 10.3349/ymj.2011.52.3.435. PMID: 21488186; PMCID: PMC3101060.
- 1207: Hwang YS, Shim I, Chang JW. Anxiety responses and neurochemical changes in a kaolin-induced rat model of hydrocephalus. *J Neurosurg Pediatr*. 2011 Apr;7(4):401-7. doi: 10.3171/2011.1.PEDS10182. PMID: 21456913.
- 1208: Shin S, Yoon DM, Yoon KB. Identification of the correct cervical level by palpation of spinous processes. *Anesth Analg*. 2011 May;112(5):1232-5. doi: 10.1213/ANE.0b013e3182110f9f. Epub 2011 Feb 23. PMID: 21346160.
- 1209: Oh JK, Shin HC, Kim TY, Choi GH, Ji GY, Yi S, Ha Y, Kim KN, Yoon DH. Intraoperative indocyanine green video-angiography: spinal dural arteriovenous fistula. *Spine (Phila Pa 1976)*. 2011 Nov 15;36(24):E1578-80. doi: 10.1097/BRS.0b013e318213c41e. PMID: 21336238.
- 1210: Chang WS, Kim HY, Kim JP, Park YS, Chung SS, Chang JW. Bilateral subthalamic deep brain stimulation using single track microelectrode recording. *Acta Neurochir (Wien)*. 2011 May;153(5):1087-95. doi: 10.1007/s00701-011-0953-1. Epub 2011 Feb 11. PMID: 21311918.
- 1211: Kim JM, Jun NH, Kim HK, Min KT. Pseudoaneurysm in the inferior epigastric artery and scrotal hematoma following removal of a femoral vein catheter -A case report-. *Korean J Anesthesiol*. 2010 Dec;59 Suppl(Suppl):S3-5. doi: 10.4097/kjae.2010.59.S.S3. Epub 2010 Dec 31. PMID: 21286453; PMCID: PMC3030049.
- 1212: Yang MS, Kim KN, Yoon DH, Pennant W, Ha Y. Robot-assisted resection of paraspinal Schwannoma. *J Korean Med Sci*. 2011 Jan;26(1):150-3. doi: 10.3346/jkms.2011.26.1.150. Epub 2010 Dec 22. PMID: 21218046; PMCID: PMC3012842.
- 1213: Kim EH, Ahn JY, Kim SH. Technique and outcome of endoscopy-assisted microscopic extended transsphenoidal surgery for suprasellar craniopharyngiomas. *J Neurosurg*. 2011 May;114(5):1338-49. doi: 10.3171/2010.11.JNS10612. Epub 2011 Jan 7. PMID: 21214338.
- 1214: Cho JM, Ahn JY, Chang JH, Kim SH. Prevention of cerebrospinal fluid rhinorrhea after transsphenoidal surgery by collagen fleece coated with fibrin sealant without autologous tissue graft or postoperative lumbar drainage. *Neurosurgery*. 2011 Mar;68(1 Suppl Operative):130-6; discussion 136-7. doi: 10.1227/NEU.0b013e318207b4ea. PMID: 21206312.
- 1215: Lian Jin H, Pennant WA, Hyung Lee M, Su S, Ah Kim H, Lu Liu M, Soo Oh J, Cho J, Nyun Kim K,

Heum Yoon D, Ha Y. Neural stem cells modified by a hypoxia- inducible VEGF gene expression system improve cell viability under hypoxic conditions and spinal cord injury. *Spine (Phila Pa 1976)*. 2011 May 15;36(11):857-64. doi: 10.1097/BRS.0b013e3181e7f34b. PMID: 21192293.

1216: Liu ML, Oh JS, An SS, Pennant WA, Kim HJ, Gwak SJ, Yoon DH, Kim KN, Lee M, Ha Y. Controlled nonviral gene delivery and expression using stable neural stem cell line transfected with a hypoxia-inducible gene expression system. *J Gene Med*. 2010 Dec;12(12):990-1001. doi: 10.1002/jgm.1527. PMID: 21157823.

1217: Lee AR, Choi DH, Ko JS, Choi SJ, Hahm TS, Kim GH, Moon YH. Effect of combined single-injection femoral nerve block and patient-controlled epidural analgesia in patients undergoing total knee replacement. *Yonsei Med J*. 2011 Jan;52(1):145-50. doi: 10.3349/yjmj.2011.52.1.145. PMID: 21155047; PMCID: PMC3017690.

1218: Naganawa T, Miyamoto K, Hosoe H, Suzuki N, Shimizu K. Hemilaminectomy for removal of extramedullary or extradural spinal cord tumors: medium to long-term clinical outcomes. *Yonsei Med J*. 2011 Jan;52(1):121-9. doi: 10.3349/yjmj.2011.52.1.121. PMID: 21155044; PMCID: PMC3017686.

1219: Park JY, Kuh SU, Park HS, Kim KS. Comparative expression of matrix- associated genes and inflammatory cytokines-associated genes according to disc degeneration: analysis of living human nucleus pulposus. *J Spinal Disord Tech*. 2011 Aug;24(6):352-7. doi: 10.1097/BSD.0b013e3181fee4df. PMID: 21150669.

1220: Kuh SU, Heo DH, Kim KS, Cho YJ. Lumbar epidural gas-containing pseudocysts as a cause of severe radicular pain. *Joint Bone Spine*. 2011 Jul;78(4):398-401. doi: 10.1016/j.jbspin.2010.10.006. Epub 2010 Dec 8. PMID: 21145275.

1221: Chang WS, Kim HY, Chang JW, Park YG, Chang JH. Analysis of radiosurgical results in patients with brain metastases according to the number of brain lesions: is stereotactic radiosurgery effective for multiple brain metastases? *J Neurosurg*. 2010 Dec;113 Suppl:73-8. doi: 10.3171/2010.8.GKS10994. PMID: 21121789.

1222: Jung HH, Chang JH, Whang K, Pyen JS, Chang JW, Park YG. Gamma Knife surgery for low-flow cavernous sinus dural arteriovenous fistulas. *J Neurosurg*. 2010 Dec;113 Suppl:21-7. doi: 10.3171/2010.8.GKS10977. PMID: 21121783.

1223: Kim BM, Kim DI, Park SI, Kim DJ, Suh SH, Won YS. Coil embolization of unruptured middle cerebral artery aneurysms. *Neurosurgery*. 2011 Feb;68(2):346-53; discussion 353-4. doi: 10.1227/NEU.0b013e3182035fdc. PMID: 21135721.

1224: Ihm EH, Hong CK, Shim YS, Jung JY, Joo JY, Park SW. Characteristics and management of residual or slowly recurred intracranial aneurysms. *J Korean Neurosurg Soc*. 2010 Oct;48(4):330-4. doi: 10.3340/jkns.2010.48.4.330. Epub 2010 Oct 30. PMID: 21113360; PMCID: PMC2982911.

1225: Ryu DS, Hong CK, Sim YS, Kim CH, Jung JY, Joo JY. Anti-platelet drug resistance in the prediction of thromboembolic complications after neurointervention. *J Korean Neurosurg Soc*. 2010 Oct;48(4):319-24. doi: 10.3340/jkns.2010.48.4.319. Epub 2010 Oct 30. PMID: 21113358; PMCID: PMC2982909.

1226: Yang MS, Hong JW, Lee SK, Lee EJ, Kim SH. Clinical management and outcome of 36 invasive prolactinomas treated with dopamine agonist. *J Neurooncol*. 2011 Aug;104(1):195-204. doi: 10.1007/s11060-010-0459-3. Epub 2010 Nov 24. PMID: 21107645.

- 1227: Lee CK, Park JY, Zhang HY. Minimally invasive transforaminal lumbar interbody fusion using a single interbody cage and a tubular retraction system : technical tips, and perioperative, radiologic and clinical outcomes. *J Korean Neurosurg Soc.* 2010 Sep;48(3):219-24. doi: 10.3340/jkns.2010.48.3.219. Epub 2010 Sep 30. PMID: 21082048; PMCID: PMC2966722.
- 1228: Oh JS, Kim KN, An SS, Pennant WA, Kim HJ, Gwak SJ, Yoon DH, Lim MH, Choi BH, Ha Y. Cotransplantation of mouse neural stem cells (mNSCs) with adipose tissue-derived mesenchymal stem cells improves mNSC survival in a rat spinal cord injury model. *Cell Transplant.* 2011;20(6):837-49. doi: 10.3727/096368910x539083. Epub 2010 Nov 5. PMID: 21054952.
- 1229: Park YS, Chang JH, Chang JW, Park YG. The efficacy of gamma knife radiosurgery for advanced gastric cancer with brain metastases. *J Neurooncol.* 2011 Jul;103(3):513-21. doi: 10.1007/s11060-010-0405-4. Epub 2010 Oct 19. PMID: 20957408.
- 1230: Chang WS, Kim HY, Chung SS, Chang JW. Microneurovascular decompression in patients with hemifacial spasm caused by vascular compression of facial nerve at cisternal portion. *Acta Neurochir (Wien).* 2010 Dec;152(12):2105-11. doi: 10.1007/s00701-010-0826-z. Epub 2010 Oct 15. PMID: 20953806.
- 1231: Yang MS, Yoon DH, Kim KN, Kim H, Yang JW, Yi S, Lee JY, Jung WJ, Rha KH, Ha Y. Robot-assisted anterior lumbar interbody fusion in a Swine model in vivo test of the da vinci surgical-assisted spinal surgery system. *Spine (Phila Pa 1976).* 2011 Jan 15;36(2):E139-43. doi: 10.1097/BRS.0b013e3181d40ba3. PMID: 20948463.
- 1232: Park EK, Lee YH, Kim DS, Choi JU, Kim TS, Shim KW. 17-year-old girl with headache and complex partial seizure. *Brain Pathol.* 2010 Nov;20(6):1111-4. doi: 10.1111/j.1750-3639.2010.00435.x. PMID: 20925697.
- 1233: Shin JJ, Kim SJ, Kim TH, Shin HS, Hwang YS, Park SK. Optimal use of the halo-vest orthosis for upper cervical spine injuries. *Yonsei Med J.* 2010 Sep;51(5):648-52. doi: 10.3349/ymj.2010.51.5.648. PMID: 20635437; PMCID: PMC2908866.
- 1234: Yi S, Kim KN, Yang MS, Yang JW, Kim H, Ha Y, Yoon DH, Shin HC. Difference in occurrence of heterotopic ossification according to prosthesis type in the cervical artificial disc replacement. *Spine (Phila Pa 1976).* 2010 Jul 15;35(16):1556-61. doi: 10.1097/BRS.0b013e3181c6526b. PMID: 20581764.
- 1235: Kim DJ, Suh SH, Kim BM, Kim DI, Huh SK, Lee JW. Hemorrhagic complications related to the stent-remodeled coil embolization of intracranial aneurysms. *Neurosurgery.* 2010 Jul;67(1):73-8; discussion 78-9. doi: 10.1227/01.NEU.0000370937.70207.95. PMID: 20559093.
- 1236: Kim BM, Kim DJ, Kim DI, Park SI, Suh SH, Won YS. Clinical presentation and outcomes of coil embolization of remnant or recurred intracranial aneurysm after clipping. *Neurosurgery.* 2010 Jun;66(6):1128-33; discussion 1133. doi: 10.1227/01.NEU.0000367998.33743.D6. PMID: 20495427.
- 1237: Jung M, Ahn JB, Chang JH, Suh CO, Hong S, Roh JK, Shin SJ, Rha SY. Brain metastases from colorectal carcinoma: prognostic factors and outcome. *J Neurooncol.* 2011 Jan;101(1):49-55. doi: 10.1007/s11060-010-0214-9. Epub 2010 May 14. PMID: 20467783.
- 1238: Jung MY, Shin DA, Hahn IB, Kim TG, Huh R, Chung SS. Serious complication of cement augmentation for damaged pilot hole. *Yonsei Med J.* 2010 May;51(3):466-8. doi: 10.3349/ymj.2010.51.3.466. PMID: 20376906; PMCID: PMC2852809.
- 1239: Han IH, Suh SH, Kuh SU, Chin DK, Kim KS. Types and prevalence of coexisting spine lesions on

whole spine sagittal MR images in surgical degenerative spinal diseases. *Yonsei Med J.* 2010 May;51(3):414-20. doi: 10.3349/ymj.2010.51.3.414. PMID: 20376895; PMCID: PMC2852798.

1240: Koo BN, Hong JY, Kil HK. Spread of ropivacaine by a weight-based formula in a pediatric caudal block: a fluoroscopic examination. *Acta Anaesthesiol Scand.* 2010 May;54(5):562-5. doi: 10.1111/j.1399-6576.2010.02224.x. Epub 2010 Mar 10. PMID: 20236099.

1241: Hong JY, Kim WO, Koo BN, Kim YA, Jo YY, Kil HK. The relative position of ilioinguinal and iliohypogastric nerves in different age groups of pediatric patients. *Acta Anaesthesiol Scand.* 2010 May;54(5):566-70. doi: 10.1111/j.1399-6576.2010.02226.x. Epub 2010 Mar 10. PMID: 20236097.

1242: Park Y, Riew KD, Cho W. The long-term results of anterior surgical reconstruction in patients with postlaminectomy cervical kyphosis. *Spine J.* 2010 May;10(5):380-7. doi: 10.1016/j.spinee.2010.02.006. Epub 2010 Mar 15. PMID: 20227924.

1243: Cho JM, Ahn JY, Kim SH, Lee KS, Chang JH. An endodermal cyst mimicking an intra-axial tumor in the medulla oblongata. *Childs Nerv Syst.* 2010 Jun;26(6):853-6. doi: 10.1007/s00381-010-1109-y. Epub 2010 Mar 9. PMID: 20217097.

1244: Han IB, Kim OJ, Ahn JY, Oh D, Hong SP, Huh R, Chung SS, Kim NK. Association of methylenetetrahydrofolate reductase (MTHFR 677C>T and 1298A>C) polymorphisms and haplotypes with silent brain infarction and homocysteine levels in a Korean population. *Yonsei Med J.* 2010 Mar;51(2):253-60. doi: 10.3349/ymj.2010.51.2.253. Epub 2010 Feb 12. PMID: 20191019; PMCID: PMC2824873.

1245: An SS, Jin HL, Kim KN, Kim DS, Cho J, Liu ML, Oh JS, Yoon DH, Lee MH, Ha Y. Neuroprotective effect of combined hypoxia-induced VEGF and bone marrow-derived mesenchymal stem cell treatment. *Childs Nerv Syst.* 2010 Mar;26(3):323-31. doi: 10.1007/s00381-009-1040-2. PMID: 20183925.

1246: Kuh SU, Kwon YM, Chin DK, Kim KS, Jin BH, Cho YE. Different Expression of Extracellular Matrix Genes : Primary vs. Recurrent Disc Herniation. *J Korean Neurosurg Soc.* 2010 Jan;47(1):26-9. doi: 10.3340/jkns.2010.47.1.26. Epub 2010 Jan 31. PMID: 20157374; PMCID: PMC2817511.

1247: Oh JS, Ha Y, An SS, Khan M, Pennant WA, Kim HJ, Yoon DH, Lee M, Kim KN. Hypoxia-preconditioned adipose tissue-derived mesenchymal stem cell increase the survival and gene expression of engineered neural stem cells in a spinal cord injury model. *Neurosci Lett.* 2010 Mar 26;472(3):215-9. doi: 10.1016/j.neulet.2010.02.008. Epub 2010 Feb 11. PMID: 20153400.

1248: Choi GH, Yang MS, Yoon DH, Shin HC, Kim KN, Yi S, Lee DY, Ahn PG, Ha Y. Pediatric cervical chordoma: report of two cases and a review of the current literature. *Childs Nerv Syst.* 2010 Jun;26(6):835-40. doi: 10.1007/s00381-009-1076-3. Epub 2010 Jan 22. PMID: 20094721.

1249: Ahn PG, Yoon DH, Shin HC, Kim KN, Yi S, Lee DY, Yang MS, Ha Y. Cervical spondylolysis: three cases and a review of the current literature. *Spine (Phila Pa 1976).* 2010 Feb 1;35(3):E80-3. doi: 10.1097/BRS.0b013e3181b95dea. PMID: 20075773.

1250: Kim CH, Chung KW, Kong DS, Nam DH, Park K, Kim JH, Hong SH, Cho YS, Chung WH, Lee JI. Prognostic factors of hearing preservation after gamma knife radiosurgery for vestibular schwannoma. *J Clin Neurosci.* 2010 Feb;17(2):214-8. doi: 10.1016/j.jocn.2009.07.087. Epub 2010 Jan 6. PMID: 20056421.

1251: Zhang HY, Park JY, Cho BY. The BioFlex System as a Dynamic Stabilization Device : Does It

- Preserve Lumbar Motion? *J Korean Neurosurg Soc.* 2009 Nov;46(5):431-6. doi: 10.3340/jkns.2009.46.5.431. Epub 2009 Nov 30. PMID: 20041052; PMCID: PMC2796348.
- 1252: Lee YH, Park EK, Kim DS, Choi JU, Shim KW. What should we do with a discontinued shunt? *Childs Nerv Syst.* 2010 Jun;26(6):791-6. doi: 10.1007/s00381-009-1061-x. Epub 2009 Dec 16. PMID: 20013279.
- 1253: Jin H, Liu ML, Kim HA, Lee M, An S, Oh J, Cho J, Yi S, Kim K, Yoon D, Ha Y. Role of the oxygen-dependent degradation domain in a hypoxia-inducible gene expression system in vascular endothelial growth factor gene therapy. *Spine (Phila Pa 1976).* 2009 Dec 15;34(26):E952-8. doi: 10.1097/BRS.0b013e3181c4af80. PMID: 20010384.
- 1254: Lee YJ, Kang HC, Lee JS, Kim SH, Kim DS, Shim KW, Lee YH, Kim TS, Kim HD. Resective pediatric epilepsy surgery in Lennox-Gastaut syndrome. *Pediatrics.* 2010 Jan;125(1):e58-66. doi: 10.1542/peds.2009-0566. Epub 2009 Dec 14. PMID: 20008422.
- 1255: Ahn JY, Kim SH. A new technique for dural suturing with fascia graft for cerebrospinal fluid leakage in transsphenoidal surgery. *Neurosurgery.* 2009 Dec;65(6 Suppl):65-71; discussion 71-2. doi: 10.1227/01.NEU.0000327695.32775.BB. PMID: 19935004.
- 1256: Kim MJ, Ha Y, Yang MS, Yoon DH, Kim KN, Kim H, Yang JW, Lee JY, Yi S, Jung WJ, Rha KH. Robot-assisted anterior lumbar interbody fusion (ALIF) using retroperitoneal approach. *Acta Neurochir (Wien).* 2010 Apr;152(4):675-9. doi: 10.1007/s00701-009-0568-y. Epub 2009 Dec 4. PMID: 19960356.
- 1257: Lee YJ, Kang HC, Bae SJ, Kim HD, Kim JT, Lee BI, Heo K, Jang JW, Kim DS, Kim TS, Lee JS. Comparison of temporal lobectomies of children and adults with intractable temporal lobe epilepsy. *Childs Nerv Syst.* 2010 Feb;26(2):177-83. doi: 10.1007/s00381-009-1015-3. Epub 2009 Nov 10. PMID: 19902220.
- 1258: Kim KH, Park JY, Chin DK. Fusion criteria for posterior lumbar interbody fusion with intervertebral cages : the significance of traction spur. *J Korean Neurosurg Soc.* 2009 Oct;46(4):328-32. doi: 10.3340/jkns.2009.46.4.328. Epub 2009 Oct 31. PMID: 19893721; PMCID: PMC2773389.
- 1259: Kwon YM, Chin DK, Jin BH, Kim KS, Cho YE, Kuh SU. Long Term Efficacy of Posterior Lumbar Interbody Fusion with Standard Cages alone in Lumbar Disc Diseases Combined with Modic Changes. *J Korean Neurosurg Soc.* 2009 Oct;46(4):322-7. doi: 10.3340/jkns.2009.46.4.322. Epub 2009 Oct 31. PMID: 19893720; PMCID: PMC2773388.
- 1260: Moon BJ, Cho BY, Choi EY, Zhang HY. Polymethylmethacrylate-augmented screw fixation for stabilization of the osteoporotic spine : a three-year follow-up of 37 patients. *J Korean Neurosurg Soc.* 2009 Oct;46(4):305-11. doi: 10.3340/jkns.2009.46.4.305. Epub 2009 Oct 31. PMID: 19893717; PMCID: PMC2773385.
- 1261: Park H, Zhang HY, Cho BY, Park JY. Change of lumbar motion after multi-level posterior dynamic stabilization with bioflex system : 1 year follow up. *J Korean Neurosurg Soc.* 2009 Oct;46(4):285-91. doi: 10.3340/jkns.2009.46.4.285. Epub 2009 Oct 31. PMID: 19893714; PMCID: PMC2773382.
- 1262: Kwon YM, Kim KS, Kuh SU, Chin DK, Jin BH, Cho YE. Survival rate and neurological outcome after operation for advanced spinal metastasis (Tomita's classification > or = type 4). *Yonsei Med J.* 2009 Oct 31;50(5):689-96. doi: 10.3349/ymj.2009.50.5.689. Epub 2009 Oct 21. PMID: 19881974; PMCID: PMC2768245.

- 1263: Hahn SB, Choi YR, Kang HJ, Kang ES. Decompression of the ulnar nerve and minimal medial epicondylectomy with a small incision for cubital tunnel syndrome: comparison with anterior subcutaneous transposition of the nerve. *J Plast Reconstr Aesthet Surg*. 2010 Jul;63(7):1150-5. doi: 10.1016/j.bjps.2009.09.018. Epub 2009 Oct 28. PMID: 19846358.
- 1264: Chung JJ, Yu JS, Kim JH, Nam SJ, Kim MJ. Intraabdominal complications secondary to ventriculoperitoneal shunts: CT findings and review of the literature. *AJR Am J Roentgenol*. 2009 Nov;193(5):1311-7. doi: 10.2214/AJR.09.2463. PMID: 19843747.
- 1265: Han IH, Kim KS, Jin BH. Intradural lumbar disc herniations associated with epidural adhesion : report of two cases. *J Korean Neurosurg Soc*. 2009 Aug;46(2):168-71. doi: 10.3340/jkns.2009.46.2.168. Epub 2009 Aug 31. PMID: 19763222; PMCID: PMC2744029.
- 1266: Koo BN, Hong JY, Kim JE, Kil HK. The effect of flexion on the level of termination of the dural sac in paediatric patients. *Anaesthesia*. 2009 Oct;64(10):1072-6. doi: 10.1111/j.1365-2044.2009.06031.x. PMID: 19735397.
- 1267: Aksu F, Topacoglu H, Arman C, Atac A, Tetik S, Hasanovic A, Kulenovic A, Mornjakovic Z, Pikula B, Sarac-Hadzihalilovic A, Voljevica A, Bamac B, Colak T, Alemdar M, Dundar G, Selekler M, Dincer O, Colak E, Ozbek A, Kilic C, Kamburoglu K, Ozen T, Kavak V, Kirici Y, Oztas E, Soysal HA, Unur E, Ekinci N, Karaca O, Malakhova O, Kocaoglu M, Toker S, Taser F, Kilincoglu V, Yurtgun MF, Dalcik C, Zeybek A, Baroncini M, Peltier J, Jissendi P, Pruvo JP, Francke JP, Prevot V, Kosif R, Arifoglu Y, Diramali M, Sarsilmaz M, Kose E, Ogeturk M, Akpınar B, Kus I, Meydan S, Kara A, Kurtoglu Z, Tekdemir I, Elhan A, Bas O, Odaci E, Mollaoglu H, Ucok K, Kaplan S, Senoglu M, Nacitarhan V, Kurutas EB, Senoglu N, Altun I, Atli Y, Ozbag D, Karakas S, Bilgin MD, Tellioglu AM, Ozlem S, Akcanal B, Yildiz Y, Gunes H, Kose H, Uzum I, Gundogmus UN, Caglayan C, Pavlova V, Dimitrova M, Georgieva L, Nikolova E, Uzmannel D, Ozturk NC, Saylam CY, Ozgiray E, Orhan M, Cagli S, Zileli M, Ozkan D, Akkaya T, Comert A, Balikci N, Ozdemir E, Gumus H, Ergul Z, Kaya O, Altun S, Unlu RE, Orbay H, Kim DI, Han SH, Kim YS, Kim HJ, Lee KS, Elcioglu O, Ozden H, Guven G, Imre N, Yalcin B, Ozan H, Akyer P, Guvencer M, Karatosun V, Sagoo MG, Aland RC, Ustuner D, Ustuner MC, Ai J, Ghazi SR, Mansouri SH, Tuncer MC, Aluclu MU, Karabulut O, Hatipoglu ES, Nazaroglu H, Icke C, Akbay E, Gunay T, Icke S, Yildiz S, Yazar F, Barlas BO, Zahoi DE, Kavakli A, Tas U, Dabak DO, Sapmaz HI, Kocabiyik N, Ozer CM, Ozcan A, Elevli L, Desdicioglu K, Alanbay I, Govsa F, Saylam CY, Akdogan I, Kiroglu Y, Onur S, Evcil EH, Cankara N, Malas MA, Kalcioğlu MT, Duman S, Ulcay T, Uzun A, Karabulut Z, Barut C, Sevinc O, Yurdakan G, Kacar D, Erdogan AR, Kurt H, Demir B, Saltan M, Burukoglu D, Ustuner MC, Degirmenci I, Erdogan A, Damar O, Is M, Bayramoglu G, Kabay S, Uysal O, Senturk H, Bayramoglu A, Ozbayar C, Kutlu A, Canbek M, Cevli SC, Hancerlioglu O, Koplay M, Aksakalli E, Dikici F, Kale A, Gayretli O, Gurses IA, Ozdemir ST, Ercan I, Baskan EB, Yilmaz M, Ozkaya G, Saricaoglu H, Erturk M, Kayalioglu G, Uzel M, Kahraman G, Tanyeli E, Soyluoglu AI, Tacar O, Demirant A, Bilgin M, Karadede A, Aktas A, Evcil EH, Koyuncu E, Sulak O, Albay S, OZguner G, Ozbek A, Ozbek E, Ozturk AH, Demirci T, Ciftcioglu E, Demir MT, Kopuz C, Eroglu E, Gedikli S, Ozyurek H, Nural MS, Incesu L, Ogur G, Kara E, Celebi B, Yildiz A, Altunkaynak BZ, Kuvat SV, Tagil SM, Ertekin C, Uysal H, Bademkiran F, Albayrak N, Esmer AF, Coskun NK, Sindel M, Kizilay F, Yalin S, Karapinar N, Tokdemir M, Karakurt L, Tumkaya L, Korkmaz A, Ayas B, Ciftci N, Terzi Y, Baran O, Nergiz Y, Akkus M, Aluclu U, Topal AE, Yuksel D, Acar HI, Kendir S, Hekimoglu E, Basman D, Duman S, Ozener B, Pelin C, Zagyapan R, Kurkcuoglu A, Koc M, Erdinc M, Erdinc L, Kelle I, Sancakdar E, Cetin N, Tunik S, Yildirim A, Kaplanoglu I, Ayaz E, Ilhan N, Okumus M, Yuksel KZ, Ciralik H, Yilmaz Z, Gumusalan Y, Gamsizkan M, Kazkayasi M, Unver Dogan N, Uysal II, Karalezli A, Fazliogullari Z, Buyukmumcu M, Bozkurt MC, Cicekcibasi AE, Demiryurek D, Ozsoy MH, Bayramoglu A, Tuccar E, Baran OP, Soker S, Bahceci S, Nasir Y, Yilmaz MT, Cicekcibasi EA, Ulusoy M, Gunaslan P, Bilge N, Akkaya M, Genc A, Akcer S, Gonul Y, Cosar E, Koken G, Ari I, Bakirci S, Kafa IM, Uysal M, Karabulut AK, Keles B, Emlik D, Uyar Y, Ozturk K, Yilmaz NA, Salbacak A, Kacira BK, Arazi M, Demirci S, Kiresi D, Gumus S, Seker M, Uyar M, Astaneh ME, Khorshid A, Uygur R, Songur A, Sonmez OF, Dogan KH, Kolcu G, Iliescu M, Bordei P, Iliescu D,

Ciobotaru C, Lucescu V, Covaleov A, Ionescu C, Guirao M, Páramo E, Mutuberria R, Sánchez-Montesinos I, Roda O, Girón F, Lopez-Soler M, Roda O, Campos-López R, Guirao-Piñeiro M, Pascual-Morenilla MT, Sanchez-Montesinos I, Pascual MT, Garzon I, Serrato D, Nieto-Aguilar R, Sanchez-Montesinos I, Sanchez-Quevedo M, Ozdemir MB, Ozean RH, Bagdatli D, Adiguzel E, Dogan Z, Aycan O, Vardi N, Erkal HS, Ozturk H, Mocanu S, Stefanescu C, Ionescu A, Talpes R, Sapte E, Dina C, Surdu L, Bulbuc I, Medina MT, Medina J, López-Soler M, Martin-Oviedo C, Lowy-Benoliel A, Maranillo E, Martinez-Guirado T, Sañudo J, Scola B, Vazquez T, Arráez-Aybar LA, Conejo-Menor JL, Gonzáles-Gómez CC, Torres-García AJ, Nasu H, Chiba S, Gutierrez-Semillera M, Paksoy Y, Kalaycioglu A, Yildirim M, Ozyasar A, Ozdogmus O, Cakmak YO, Verimli U, Cavdar S, Yildizhan B, Aktan Ikiz ZA, Ucerler H, Ozgur Z, Yilmaz S, Demirtas A, Mavili E, Hacialiogullari M, Susar H, Arslan S, Aycan K, Ozkaya V, Pilmane M, Boka S, Ortug G, Ramirez C, Pascual-Font A, Valderrama-Canales F, Kucukalic A, Kapur E, Talovic E, Baca V, Grill R, Horak Z, Kachlik D, Dzupa V, Konarik M, Knize J, Veleminsky P, Smrzova T, Otcenasek M, Chmelova J, Kheck M, Kheck M Sr, Cupka T, Hnatek L, van der Meijs F, Cech P, Musil V, Ozkan HM, Muratli SK, Tayefi H, Ergur I, Kiray A, Toktas M, Alkoc O, Acar T, Uzun I, Ozen OA, Aycicek A, Alkoc OA, Unlu M, Corumlu U, Ikiz IC, Oygucu IH, Sendemir E, Kaner T, Caglar V, Eser O, Demir MT, Iyigun O, Pirzirenli G, Kaya AH, Aydin ME, Celik F, True H, Ozkaya S, Ergur BU, Zeybek G, Bacakoglu K, Tadjalli M, Poostpasand A, Mansouiri SH, Allahvaisi O, Soleimanirad J, Nikkhoo B, Nagato Y, Haruki Y, Yazawa K, Okazaki T, Haida M, Imai Y, Peirouvi T, Mahzad-Sadaghiani M, Noroozinia F, Siamak S, Farjah G, Mola S, Biegaj E, Skadorwa T, Pawlewicz K, Kapolka R, Chachulska A, Zabicka J, Krasowska A, Prusik A, Jaczewski G, Kolesnik A, Taghavi MM, Alavi SH, Moallem SA, Safikhani Z, Panahi M, Dabiri S, Shekaari MA, Latorre R, Soria F, Lopez-Albors O, Sarria R, Ayala I, Serrano I, Perez-Cuadrado E, Musienko V, Tkachenko D, Colakoglu N, Kus MA, Jalali M, Nikravesh MR, Moeen AA, Karimfar MH, Rafighdoost H, Mohammadi S, Korneeva M, Rafighdoust H, Lovasova K, Bolekova A, Kluchova D, Sulla I, Kapitonova MY, Syed Ahmad Fuad SB, Jayakaran F, Shams AR, Aghaee F, Baqer Z, Faroki M, Das S, Kassim N, Latiff A, Suhaimi F, Ghafar N, Hlaing KP, Maatoq I, Othman F, Kiray M, Bagriyanik HA, Pekcetin C, Ozogul C, Fidan M, Suhaimi F, Sun F, Sanchez-Margallo F, Gil F, Crisostomo V, Uson J, Ramirez G, Turamanlar O, Kirpiko O, Haktanir A, Climent S, Losilla S, Climent M, Sarikcioglu L, Senol Y, Yildirim FB, Utuk A, Kunicki J, Pasbakhsh P, Omidi N, Omidi H, Nazhvani FD, Ghalebi SR, Javan N, Mohagery A, Bideskan AR, Taheri MM, Fazel AR, Tiengo C, Macchi V, Stecco C, Porzionato A, Mazzoleni F, De Caro R, Clemente A, Morra A, Greco P, Pavan P, Natali A, Demir M, Dokur M, Acer N, Mavi A, Matveeva N, Lazarova D, Korneti K, Jovevska S, Jurkovic D, Papazova M, Havasi M, Alboghobeish N, Savari A, Salamat N, Sharifi M, Kwak HH, Hu KS, Kim GC, Park BS, Kim HJ, Sinav A, Gulati AK, Gulati NK, Alshammary H, Nazhvani SD, Vafafar A, Esmaeilpour T, Bahmanpour S, Elyasi L, Monabbati A, Ghanadi M, Paryani MR, Gilanpour H, Amirsam B, Omaña RE, López SG, De la Garza Castro O, Vega EU, Lopez SG, Talebpour F, Golmohammadi R, Dashti G, Atlasi MA, Mehdizadeh M, Bahadori MH, Joghataei MT, Hatami L, Boroujeni MB, Estakhr J, Esfandiary E, Marzban M, Bakhtiary M, Modiry N, Jafarpur M, Mofidpur H, Alavi SH, Mahmoudian A, Taghavi MM, Jafarpour M, Mahmoudian AR, Sanjarmousavi N, Doassans I, Sorrenti N, Decuadro G, Saibene A, Poumayrac M, Laza S, Almiron C, Vergara ME, Soria V, Lasa S, Perez A, Castro G, Maria AS, Soleimani M, Katebi M, Bakhshayesh M, Oner M, Halici M, Yikilmaz A, Guney A, Turk Y, Edizer M, Beden U, Icten N, Afshar M, Hasanzadeh Taheri MM, Moalem A, Golalipour MJ, Tamizi A, Ahi M, Mohammadpour S, Maiery A, Acikel C, Ulkur E, Karagoz H, Celikoz B, Bedi K, Ginus P, Golalipour MJ, Mohammadi MR, Jhand P, Mansourian AR, Hosseinpoor K, Keshtkar AA, Alsaffar R, Balajadeh BK, Ghafari S, Azarhosh R, Fazeli SA, Jahanshahi M, Gharravi AM, Alicioglu B, Karakas HM, Harma A, Yang HM, Won SY, Lee JG, Lee JY, Lee JY, Kim YR, Song WC, Koh KS, Hwang EN, Choi HG, Kim SH, Kim SY, Hur MS, Ulucam E, Celbis O, Kim DH, Hong HS, Kim HJ, Choi JH, Park JT, Kim HC, Abbasi H, Hosseinipanaah SM, Hosseini M, Amani A, Ashrafi HR, Sadeghimehr M, Kim HJ, Sheverdin V, Amani Z, Ashrafi A, Ashrafi AR, Javad H, Kachap MJ, Laza S, Poumayrac MC, Doassans I, Vergara ME, Almirón C, Soria V, Rivara A, Sirilo A, Freire D, Cirillo A, Veragara ME, Krmek V, Krmek N, Jo-Osvatic A, Nikolic V, Radic R, Tubbs RS, Loukas M, Fogg Q, Ashwood N, Cilingiroglu S, Ozbakir C, Mazoochi T, Sabanciogullari V, Gumus C, Erdil FH, Cimen M, Moodi H, Ghiasi F, Akbari A, Hami J, Khazei M, Haghparast E, Mitsakis I, Anastasiou A, Mitsakis M,

Sianou K, Hainoglou R, Francisco M, Mitsaki C, Konstantinidi M, Prapa S, Leksan I, Mrcela T, Selthofer R, Kermanian F, Mahmoudian A, Ahmadpoor ME, Dalili N, Elian AH, Moaiery A, Jamalpour Z, Nourani MR, Asgari A, Hassanzadeh Taheri MM, Ebrahimzadeh A, Eftekharvaghefi SH, Mohammadi A, Sheibani V, Nematollahi-Mahani SN, Latifpour M, Deilami M, Soroure-Azimizadeh B, Nabipour F, Najafipour H, Nakhaee N, Yaghoobi M, Eftekharvaghefi R, Salehinejad P, Azizi H, Riasi HR, Nobakht M, Asalgoo S, Rahbar R, Najafzadeh N, Moosavizadeh K, Ezzatabadypour M, Majidi M, Malekpor-Afshar R, Karimzade F, Hoseini M, Bayat M, Gorgi A, Nezhadi A, Bakhtiari M, Jazi HR, Jafaryan M, Haghiri H, Hosseini M, Rahimi S, Rassouli FB, Gorji A, Habibi A, Pouya F, Dabiri S, Mousavi A, Rajabalian S, Abolidokht A, Khanlarkhani N, Naderian H, Berjis N, Namavar MR, Talaei T, Mazaheri Z, Monabati A, Kosar MI, Karacan K, Chegini H, Nikzad H, Ayhan E, Ustundag S, Akkin SM, Ogut T, Rayegan P, Meibodi MA, Ghaem RM, Zargarpoor R, Eftekhar Vaghefi SH, Moshkdanian G, Poya F, Kohestani H, Abarghoeai RR, Abarghoeai PR, Eftekhar Vaghefi SH, Mahmodi AA, Poraboli A, Kohestani HR, Vaghefi RE, Eftekhar Vaghefy SH, Vaghefy RE, Abarghoeai PR, Saba M, Gharravi AM, Javadnia F, Zhaleh M, Nezhad DB, Gholami MR, Piagkou M, Aikaterini VK, Piagkos G, Douvetzemis S, Skandalakis P, Anagnostopoulou S, Papadopoulos N, Celik HH, Tatar I, Tatar EC, Mocan BO, Sargon MF, Denk CC, Rasoolijazi H, Joghataei MT, Roghani M, Akkin SM, Dinc G, Kurklu M, Ozboluk S, Komurcu M, Koebke J, Balioglu MB, Kaygusuz MA, Bozkus FS, Korkmaz O, Bayram SB, Can MA, Nasiri E, Jafar-Kazemi K, Hosseini M, Maghoul S, Soleimani M, Amini A, Hassanzade MM, Davari MH, Van Hoof T, Gomes GT, Audenaert E, Verstraete K, Kerckaert I, D'Herde K, Benninger B, Hedley G, Filipoiu FM, Tarta E, Enyedi M, Pantu C, Stanciulescu R, Skobowiat C, Calka J, Majewski M, Rezaian M, Yaghoobfar A, Hamedi S, Shomali T. Poster presentations. *Surg Radiol Anat.* 2009 Sep;31 Suppl 1:95-229. doi: 10.1007/BF03371486. PMID: 27392492.

1268: Pereda J, Niimi G, Kaul JM, Mishra S, Pangtey B, Peri D, Cannella V, Peri G, Valentino A, Li Volsi F, Lo Verde R, Russo E, Sciuto A, Sunseri A, Modica G, Gravante G, Ong SL, Metcalfe M, Lloyd D, Dennison A, Macchi V, Porzionato A, Parenti A, De Caro R, Al-Harmni KI, Rahemo ZI, Al-Khan HI, Bakan V, Demirpolat G, Bozkurt M, Gumusalan Y, Acer N, Demir M, Taskoparan H, Akkaya A, Yildirim B, Camurdanoglu M, Guven G, Ozden H, Kabay S, Ustuner C, Burukoglu D, Ustuner D, Degirmenci I, Akyuz F, Tekin N, Kucuk F, Gurer F, Ustuner MC, Ozbag D, Ozkaya M, Ciralik H, Tolun FI, Yuzbasioglu F, Arslan S, Moshkdanian G, Pouya F, Nematollahi-Mahani A, Nematollahi-Mahani SN, Ger R, Nikfarjam J, Dooley K, Liu S, Li Z, Lin X, Meng H, Liu C, Feng L, Chung MS, Shin DS, Havet E, Dujardin AC, Duparc F, Freger P, Oommen A, Stosch C, Koebke J, Herzig S, Jqbal A, Gazzani P, Rattay T, Fruhstorfer B, Vohrah A, Wellings RM, Brydges S, Smith GR, Roebuck J, Abrahams PH, Baca V, Otcenasek M, Svatos F, Smrzova T, Grill R, Kachlik D, Skubal J, Dzupa V, Doubkova A, Klepacek I, Stingl J, Ali M, Bedir Y, Weber G, Malek K, Patrick A, Rochambeau B, Knickelbein P, Choi DY, Hur MS, Youn KH, Hu KS, Kim HJ, Aksoy F, Yildirim YS, Ozturan O, Acar H, Demirhan H, Veyseller B, Prades JM, Timoshenko A, Asanau A, Gavid M, Martin C, Ayestaray B, Auquit- Auckbur I, Millez PY, Ercakmak B, Bayramoglu A, Ozsoy H, Demiryurek D, Tuccar E, Akita K, Yamaguchi K, Kato A, Mochizuki T, Beldame J, Mure JP, Lefebvre B, Lloyd DM, Karmand KJ, Norwood MG, Kale A, Gayretli O, Ozturk A, Gurses IA, Usta A, Sahinoglu K, Kaynak G, Bilgili M, Akgun I, Ogut T, Unlu M, Uzun I, Valentino B, Farina E, Kato T, Pavlov S, Grosheva M, Irintchev A, Angelov D, Sen T, Esmer AF, Karahan ST, Delas B, Marie JP, Sabourin JC, Hebda A, Aland RC, Apaydin N, Apan A, Uz A, Comert A, Arslan M, Acar HI, Ozdemir M, Elhan A, Tekdemir I, Tubbs RS, Attar A, Ugur HC, Fazliogullari Z, Uysal II, Karabulut AK, Unver Dogan N, Seker M, Cankara N, Malas MA, Evcil EH, Firat A, Erbil M, Kaymaz F, Yuruker S, Sen S, Tadjalli M, Ghazi SR, Parto P, Ghazi SR, Beser CG, Karcaaltincaba M, Celik HH, Basar R, Cilingiroglu S, Ozbakir C, Kose K, Karahan ST, Ozguner G, Sulak O, Best I, Turyna R, Malkoc I, Karagoz H, Alp BF, Gundogdu C, Diyarbakir S, Ghazi F, Karanis P, Rajangam S, Tilak P, Devi R, Seifi B, Majd NE, Dorstghol M, Niakan N, Yousefi B, Bromand N, Haghighi S, Shafaroudi MM, Daly C, McGrath JC, Ahadi R, Bakhtiary M, Joghataei MT, Mehdizadeh M, Khoei S, Marzban M, Salehinejad P, Torshizi Z, Mohit M, Alithan NB, Adulmanaf A, Abdulrahman O, Moallem SA, Hosseini BE, Afshar M, Taheri MM, Hami J, Davari MH, Kalbasi S, Najafzade N, Nobakht M, Safari M, Asalgoo S, Roshandel NR, Joghataeei MT, Bakhtiari M, Safar F, Salamat N, Alboghobeish N,

Hashemitabar M, Mesbah M, Biegaj E, Skadorwa T, Kopolka R, Ciszek B, Piagkou M, Piagkos G, Aikaterini VK, Douvetzemis S, Skandalakis P, Anagnostopoulou S, Haffajee MR, Ebrahim MA, Smith JW, Osmotherly P, Rivett D, Mercer S, Yue B, Kwak DS, Nam YS, Lee JH, Lee UY, An X, Lee MS, Han SH, Songur A, Eser O, Alkoc O, Toktas M, Caglar V, Kaner T, Yilmaz MT, Gumus S, Uysal II, Paksoy Y, Ulusoy M, Balioglu MB, Savran K, Zorer G, Fujishiro H, Muneta T, Sato K, Vernois J, Mertl P, Sun B, Haitao G, Yuchun T, Zhang Z, Teng G, Geng H, Yu T, Sehirli US, Verimli U, Ulupinar E, Yucel F, Neto L, Oliveira E, Neto D, Martins H, Reis I, Correia F, Ferreira AG, Regala J, Fernandes P, Teixeira J, Yonguc GN, Ozdemir MB, Kucukatay V, Sahiner M, Kursunluoglu R, Adiguzel E, Akdogan I, Yilmaz Y, Kucukatay MB, Erken G, Kurt MA, Kafa IM, Uysal M, Bakirci S, Prakash S, Anand MK, Verma M, Basiri M, Doucette R, Tang Y, Fan L, Aydin MD, Atalay C, Altas S, Bayram E, Unal B, Asian S, Feigl G, Anderhuber F, Rienmuller R, Guyot JP, Fasel JH, Kos I, Ozen OA, Sarsilmaz M, Grant G, Nourani MR, Jamali Z, Taghipour HR, Owada Y, Khalili MA, Clower BR, Anvari M, Sadeghian F, Fesahat F, Miresmaili SM, Pourheydar B, Joghataeei MT, Pirhajati V, Faghihi A, Mehraeen F, Jafari SS, Aliaghaei A, Nematollahi-Mahani SN, Sheibani V, Asadi M, Kaka GR, Tiraihi T, Budohoski K, Kunicki J, Pils U, Pelin C, Ozener B, Kurkcuoglu A, Zagypapan R, Zurada A, Gielecki J, Ay H, Grignon B, Walter F, Batch T, Varlam H, Iopincariu I, Benkhadra M, Lenfant F, Trouilloud P, Kastner M, Rudolf L. Platform presentations. *Surg Radiol Anat.* 2009 Sep;31 Suppl 1:49-93. doi: 10.1007/BF03371485. PMID: 27392491.

1269: Shin DA, Shin HC. A case of extensive spinal cysticercosis involving the whole spinal canal in a patient with a history of cerebral cysticercosis. *Yonsei Med J.* 2009 Aug 31;50(4):582-4. doi: 10.3349/ymj.2009.50.4.582. Epub 2009 Aug 19. PMID: 19718410; PMCID: PMC2730624.

1270: Pan JW, Zhan RY, Wen L, Tong Y, Wan S, Zhou YY. Ultra-early surgery for poor-grade intracranial aneurysmal subarachnoid hemorrhage: a preliminary study. *Yonsei Med J.* 2009 Aug 31;50(4):521-4. doi: 10.3349/ymj.2009.50.4.521. Epub 2009 Aug 19. PMID: 19718400; PMCID: PMC2730614.

1271: Lee YH, Park EK, Park YS, Shim KW, Choi JU, Kim DS. Treatment and outcomes of primary intracranial teratoma. *Childs Nerv Syst.* 2009 Dec;25(12):1581-7. doi: 10.1007/s00381-009-0974-8. Epub 2009 Aug 20. PMID: 19693515.

1272: Song WK, Yang WI, Byeon SH, Koh HJ, Kwon OW, Lee SC. Clinicopathologic report of uveal melanoma with persistent exudative retinal detachment after gamma knife radiosurgery. *Ophthalmologica.* 2010;224(1):16-21. doi: 10.1159/000233231. Epub 2009 Aug 13. PMID: 19684424.

1273: Seo JH, Noh BH, Lee JS, Kim DS, Lee SK, Kim TS, Kim SH, Kang HC, Kim HD. Outcome of surgical treatment in non-lesional intractable childhood epilepsy. *Seizure.* 2009 Nov;18(9):625-9. doi: 10.1016/j.seizure.2009.07.007. Epub 2009 Aug 14. PMID: 19683462.

1274: Yi S, Lee DY, Ahn PG, Kim KN, Yoon DH, Shin HC. Radiologically documented adjacent-segment degeneration after cervical arthroplasty: characteristics and review of cases. *Surg Neurol.* 2009 Oct;72(4):325-9; discussion 329. doi: 10.1016/j.surneu.2009.02.013. Epub 2009 Aug 7. PMID: 19665192.

1275: Park YS, Lee YH, Shim KW, Kim DS, Lee JS, Kim HD. Endoscopic disconnection of hypothalamic astrocytoma causing gelastic epilepsy. Case report. *J Neurosurg Pediatr.* 2009 Aug;4(2):151-5. doi: 10.3171/2009.3.PEDS08129. PMID: 19645550.

1276: Kim J, Kim SJ, Lee H, Chang JW. Effective neuropathic pain relief through sciatic nerve administration of GAD65-expressing rAAV2. *Biochem Biophys Res Commun.* 2009 Oct 9;388(1):73-8. doi: 10.1016/j.bbrc.2009.07.120. Epub 2009 Jul 28. PMID: 19643087.

1277: Hwang YS, Shim I, Chang JW. The behavioral change of locomotor activity in a kaolin-induced

- hydrocephalus rat model: evaluation of the effect on the dopaminergic system with progressive ventricle dilatation. *Neurosci Lett*. 2009 Oct 25;462(3):198-202. doi: 10.1016/j.neulet.2009.07.039. Epub 2009 Jul 16. PMID: 19616066.
- 1278: Park YS, Jung JY, Ahn JY, Kim DJ, Kim SH. Emergency endovascular stent graft and coil placement for internal carotid artery injury during transsphenoidal surgery. *Surg Neurol*. 2009 Dec;72(6):741-6. doi: 10.1016/j.surneu.2009.05.003. Epub 2009 Jul 14. PMID: 19604552.
- 1279: Kim KH, Lee YH, Park YS, Kim DS. Rapidly regrowing lipoma in lipomeningomyelocele: a case report. *Childs Nerv Syst*. 2009 Sep;25(9):1149-51. doi: 10.1007/s00381-009-0935-2. Epub 2009 Jun 26. PMID: 19557420.
- 1280: Shim KW, Lee YH, Park EK, Park YS, Choi JU, Kim DS. Treatment option for arachnoid cysts. *Childs Nerv Syst*. 2009 Nov;25(11):1459-66. doi: 10.1007/s00381-009-0930-7. Epub 2009 Jun 18. PMID: 19536550.
- 1281: Han IH, Kuh SU. Cervical osteochondroma presenting as brown-sequard syndrome in a child with hereditary multiple exostosis. *J Korean Neurosurg Soc*. 2009 May;45(5):309-11. doi: 10.3340/jkns.2009.45.5.309. Epub 2009 May 31. PMID: 19516952; PMCID: PMC2693794.
- 1282: Kim KS, Chin DK, Park JY. Herniated nucleus pulposus in isthmic spondylolisthesis: higher incidence of foraminal and extraforaminal types. *Acta Neurochir (Wien)*. 2009 Nov;151(11):1445-50. doi: 10.1007/s00701-009-0411-5. Epub 2009 Jun 5. PMID: 19499170.
- 1283: Choi EH, Seo JY, Jung BY, Park W. Diplopia after inferior alveolar nerve block anesthesia: report of 2 cases and literature review. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod*. 2009 Jun;107(6):e21-4. doi: 10.1016/j.tripleo.2009.02.009. PMID: 19464638.
- 1284: Shim KW, Kim DS, Choi JU. The history of ependymoma management. *Childs Nerv Syst*. 2009 Oct;25(10):1167-83. doi: 10.1007/s00381-009-0900-0. Epub 2009 May 21. PMID: 19458954.
- 1285: Han IH, Kuh SU, Chin DK, Jin BH, Cho YE, Kim KS. Load sharing mechanism across graft-bone interface in static cervical locking plate fixation. *J Korean Neurosurg Soc*. 2009 Apr;45(4):213-8. doi: 10.3340/jkns.2009.45.4.213. Epub 2009 Apr 30. PMID: 19444346; PMCID: PMC2682116.
- 1286: Kim JT, Bai SJ, Choi KO, Lee YJ, Park HJ, Kim DS, Kim HD, Lee JS. Comparison of various imaging modalities in localization of epileptogenic lesion using epilepsy surgery outcome in pediatric patients. *Seizure*. 2009 Sep;18(7):504-10. doi: 10.1016/j.seizure.2009.04.012. Epub 2009 May 13. PMID: 19442538.
- 1287: Suh SH, Lee KY, Hong CK, Kim BM, Kim CH, Chung TS, Kim DI. Temporary stenting and retrieval of the self-expandable, intracranial stent in acute middle cerebral artery occlusion. *Neuroradiology*. 2009 Aug;51(8):541-4. doi: 10.1007/s00234-009-0530-y. Epub 2009 May 8. PMID: 19424689.
- 1288: Kim EH, Ahn JY, Chang JH, Kim SH. Management strategies of intercavernous sinus bleeding during transsphenoidal surgery. *Acta Neurochir (Wien)*. 2009 Jul;151(7):803-8. doi: 10.1007/s00701-009-0356-8. Epub 2009 Apr 30. PMID: 19404570.
- 1289: Kim WO, Kil HK, Yoon KB, Yoon DM, Lee JS. Influence of T3 or T4 sympathectomy for palmar hyperhidrosis. *Am J Surg*. 2010 Feb;199(2):166-9. doi: 10.1016/j.amjsurg.2008.12.024. Epub 2009 Apr 10. PMID: 19362283.
- 1290: Park YS, Eom S, Shim KW, Kim DS. Neurocognitive and psychological profiles in pediatric

- arachnoid cyst. Childs Nerv Syst. 2009 Sep;25(9):1071-6. doi: 10.1007/s00381-009-0872-0. Epub 2009 Apr 9. PMID: 19357855.
- 1291: Han IH, Chin DK, Kuh SU, Kim KS, Jin BH, Yoon YS, Cho YE. Magnetic resonance imaging findings of subsequent fractures after vertebroplasty. Neurosurgery. 2009 Apr;64(4):740-4; discussion 744-5. doi: 10.1227/01.NEU.0000339120.41053.F1. PMID: 19349832.
- 1292: Oh MC, Zhang HY, Park JY, Kim KS. Two-level anterior cervical discectomy versus one-level corpectomy in cervical spondylotic myelopathy. Spine (Phila Pa 1976). 2009 Apr 1;34(7):692-6. doi: 10.1097/BRS.0b013e318199690a. PMID: 19333101.
- 1293: Lee HJ, Suh SH, Lee JW, Kim DI, Huh SK, Kim DJ. Intra-mural propagation of a large cavernous internal cerebral artery aneurysm after parent artery sacrifice. Acta Neurochir (Wien). 2009 Apr;151(4):389-92; discussion 392. doi: 10.1007/s00701-009-0243-3. Epub 2009 Mar 7. PMID: 19277458.
- 1294: Cho YJ. Radiological analysis of ponticulus posticus in Koreans. Yonsei Med J. 2009 Feb 28;50(1):45-9. doi: 10.3349/ymj.2009.50.1.45. Epub 2009 Feb 24. PMID: 19259347; PMCID: PMC2649851.
- 1295: Lee EJ, Ahn JY, Noh T, Kim SH, Kim TS, Kim SH. Tumor tissue identification in the pseudocapsule of pituitary adenoma: should the pseudocapsule be removed for total resection of pituitary adenoma? Neurosurgery. 2009 Mar;64(3 Suppl):ons62-9; discussion ons69-70. doi: 10.1227/01.NEU.0000330406.73157.49. PMID: 19240574.
- 1296: Lee JW, Choi HG, Jung JY, Huh SK, Lee KC. Surgical strategies for ruptured blister-like aneurysms arising from the internal carotid artery: a clinical analysis of 18 consecutive patients. Acta Neurochir (Wien). 2009 Feb;151(2):125-30. doi: 10.1007/s00701-008-0165-5. Epub 2009 Feb 5. PMID: 19194654.
- 1297: Park HW, Hong JW, Park Y. [Life and medical activities of Yun Ti Wang]. Uisahak. 2008 Dec;17(2):205-22. Korean. PMID: 19174626.
- 1298: Park YS, Lee YH, Shim KW, Lee YJ, Kim HD, Lee JS, Kim DS. Insular epilepsy surgery under neuronavigation guidance using depth electrode. Childs Nerv Syst. 2009 May;25(5):591-7. doi: 10.1007/s00381-008-0764-8. Epub 2009 Jan 13. PMID: 19139907.
- 1299: Han IH, Kuh SU, Chin DK, Kim KS, Jin BH, Cho YE. Surgical treatment of primary spinal tumors in the conus medullaris. J Korean Neurosurg Soc. 2008 Aug;44(2):72-7. doi: 10.3340/jkns.2008.44.2.72. Epub 2008 Aug 30. PMID: 19096696; PMCID: PMC2588334.
- 1300: Han IH, Chin DK, Kim KS. Short segment anterior correction of adolescent idiopathic scoliosis. J Korean Neurosurg Soc. 2008;44(1):52-6. doi: 10.3340/jkns.2008.44.1.52. Epub 2008 Jul 20. PMID: 19096658; PMCID: PMC2588289.
- 1301: Choi JU. Proposal for the promotion of Korean neurosurgery. J Korean Neurosurg Soc. 2008 Jan;43(1):1-4. doi: 10.3340/jkns.2008.43.1.1. Epub 2008 Jan 20. PMID: 19096536; PMCID: PMC2588160.
- 1302: Park YS, Kim DS, Shim KW, Kim JH, Choi JU. Factors contributing to improvement of syringomyelia and surgical outcome in type I Chiari malformation. Childs Nerv Syst. 2009 Apr;25(4):453-9. doi: 10.1007/s00381-008-0763-9. Epub 2008 Dec 5. Erratum in: Childs Nerv Syst. 2009 Apr;25(4):513. PMID: 19057907.

- 1303: Park KY, Ahn JY, Lee JW, Chang JH, Huh SK. De novo intracranial aneurysm formation after Gamma Knife radiosurgery for vestibular schwannoma. *J Neurosurg.* 2009 Mar;110(3):540-2. doi: 10.3171/2008.9.JNS08860. PMID: 19012483.
- 1304: Kim HJ, Moon SH, Kim HS, Moon ES, Chun HJ, Jung M, Lee HM. Diabetes and smoking as prognostic factors after cervical laminoplasty. *J Bone Joint Surg Br.* 2008 Nov;90(11):1468-72. doi: 10.1302/0301-620X.90B11.20632. PMID: 18978267.
- 1305: Kuh SU, Zhu Y, Li J, Tsai KJ, Fei Q, Hutton WC, Yoon TS. A comparison of three cell types as potential candidates for intervertebral disc therapy: annulus fibrosus cells, chondrocytes, and bone marrow derived cells. *Joint Bone Spine.* 2009 Jan;76(1):70-4. doi: 10.1016/j.jbspin.2008.02.021. Epub 2008 Oct 26. PMID: 18955010.
- 1306: Choi HJ, Cho BC, Sohn JH, Shin SJ, Kim SH, Kim JH, Yoo NC. Brain metastases from hepatocellular carcinoma: prognostic factors and outcome: brain metastasis from HCC. *J Neurooncol.* 2009 Feb;91(3):307-13. doi: 10.1007/s11060-008-9713-3. Epub 2008 Oct 23. PMID: 18949445.
- 1307: Kim SM, Song J, Oh SJ, Hyung WJ, Choi SH, Noh SH. Comparison of laparoscopic truncal vagotomy with gastrojejunostomy and open surgery in peptic pyloric stenosis. *Surg Endosc.* 2009 Jun;23(6):1326-30. doi: 10.1007/s00464-008-0160-1. Epub 2008 Sep 24. PMID: 18813980.
- 1308: Yi S, Lim JH, Choi KS, Sheen YC, Park HK, Jang IT, Yoon DH. Comparison of anterior cervical foraminotomy vs arthroplasty for unilateral cervical radiculopathy. *Surg Neurol.* 2009 Jun;71(6):677-80, discussion 680. doi: 10.1016/j.surneu.2008.06.017. Epub 2008 Sep 10. PMID: 18786707.
- 1309: Kuh SU, Zhu Y, Li J, Tsai KJ, Fei Q, Hutton WC, Yoon ST. Can TGF-beta1 and rhBMP-2 act in synergy to transform bone marrow stem cells to discogenic-type cells? *Acta Neurochir (Wien).* 2008 Oct;150(10):1073-9; discussion 1079. doi: 10.1007/s00701-008-0029-z. Epub 2008 Sep 10. PMID: 18781274.
- 1310: Jung DE, Kang HC, Kim HD. Long-term outcome of the ketogenic diet for intractable childhood epilepsy with focal malformation of cortical development. *Pediatrics.* 2008 Aug;122(2):e330-3. doi: 10.1542/peds.2008-0012. PMID: 18676519.
- 1311: Han IH, Kuh SU, Kim JH, Chin DK, Kim KS, Yoon YS, Jin BH, Cho YE. Clinical approach and surgical strategy for spinal diseases in pregnant women: a report of ten cases. *Spine (Phila Pa 1976).* 2008 Aug 1;33(17):E614-9. doi: 10.1097/BRS.0b013e31817c6c7d. PMID: 18670331.
- 1312: Ahn JY, Cho JH, Jung JY, Lee BH, Yoon PH. Blister-like aneurysms of the supraclinoid internal carotid artery: challenging endovascular treatment with stent-assisted coiling. *J Clin Neurosci.* 2008 Sep;15(9):1058-61. doi: 10.1016/j.jocn.2007.03.021. Epub 2008 Jul 21. PMID: 18644728.
- 1313: Kim J, Yoon YS, Lee H, Chang JW. AAV-GAD gene for rat models of neuropathic pain and Parkinson's disease. *Acta Neurochir Suppl.* 2008;101:99-105. doi: 10.1007/978-3-211-78205-7_17. PMID: 18642642.
- 1314: Kang JH, Yoon YS, Kang DW, Chung SS, Chang JW. Gamma knife radiosurgery for medically refractory idiopathic trigeminal neuralgia. *Acta Neurochir Suppl.* 2008;101:35-8. doi: 10.1007/978-3-211-78205-7_6. PMID: 18642631.
- 1315: Heo DH, Chin DK, Yoon YS, Kuh SU. Recollapse of previous vertebral compression fracture after percutaneous vertebroplasty. *Osteoporos Int.* 2009 Mar;20(3):473-80. doi:

10.1007/s00198-008-0682-3. Epub 2008 Jul 18. PMID: 18636218.

1316: Kuh SU, Zhu Y, Li J, Tsai KJ, Fei Q, Hutton WC, Yoon ST. The AdLMP-1 transfection in two different cells; AF cells, chondrocytes as potential cell therapy candidates for disc degeneration. *Acta Neurochir (Wien)*. 2008 Aug;150(8):803-10. doi: 10.1007/s00701-008-1617-7. Epub 2008 Jul 14. PMID: 18618069.

1317: Kim WO, Yoon KB, Kil HK, Yoon DM. Chemical lumbar sympathetic block in the treatment of plantar hyperhidrosis: a study of 69 patients. *Dermatol Surg*. 2008 Oct;34(10):1340-5. doi: 10.1111/j.1524-4725.2008.34286.x. Epub 2008 Jun 30. PMID: 18616535.

1318: Ahn JY, Jung JY, Kim J, Lee KS, Kim SH. How to overcome the limitations to determine the resection margin of pituitary tumours with low-field intra-operative MRI during trans-sphenoidal surgery: usefulness of Gadolinium-soaked cotton pledgets. *Acta Neurochir (Wien)*. 2008 Aug;150(8):763-71; discussion 771. doi: 10.1007/s00701-008-1505-1. Epub 2008 Jul 3. PMID: 18594752.

1319: Cho JH, Ahn JY, Kuh SU, Chin DK, Yoon YS. Acquired spinal extradural arteriovenous fistula after instrumented lumbar surgery. Case illustration. *J Neurosurg Spine*. 2008 Jul;9(1):83. doi: 10.3171/SPI/2008/9/7/083. PMID: 18590416.

1320: Shim KW, Lee YM, Kim HD, Lee JS, Choi JU, Kim DS. Changing the paradigm of 1-stage total callosotomy for the treatment of pediatric generalized epilepsy. *J Neurosurg Pediatr*. 2008 Jul;2(1):29-36. doi: 10.3171/PED/2008/2/7/029. PMID: 18590392.

1321: Shim YS, Ahn JY, Cho JH, Lee KS. Solitary skull metastasis as initial manifestation of hepatocellular carcinoma. *World J Surg Oncol*. 2008 Jun 21;6:66. doi: 10.1186/1477-7819-6-66. PMID: 18570669; PMCID: PMC2467423.

1322: Park JY, Chin DK, Kim KS, Cho YE. Thoracic ligament ossification in patients with cervical ossification of the posterior longitudinal ligaments: tandem ossification in the cervical and thoracic spine. *Spine (Phila Pa 1976)*. 2008 Jun 1;33(13):E407-10. doi: 10.1097/BRS.0b013e318175c276. PMID: 18520926.

1323: Park YS, Kim DS, Shim KW, Kim JH, Choi JU. Factors contributing to resectability and seizure outcomes in 44 patients with ganglioglioma. *Clin Neurol Neurosurg*. 2008 Jul;110(7):667-73. doi: 10.1016/j.clineuro.2008.03.017. Epub 2008 May 21. PMID: 18499337.

1324: Shim KW, Chang JH, Park YG, Kim HD, Choi JU, Kim DS. Treatment modality for intractable epilepsy in hypothalamic hamartomatous lesions. *Neurosurgery*. 2008 Apr;62(4):847-56; discussion 856. doi: 10.1227/01.neu.0000318170.82719.7c. PMID: 18496191.

1325: Park YS, Oh MC, Kim HD, Kim DS. Early surgery of hamartoma of the floor of the fourth ventricle: a case report. *Brain Dev*. 2009 May;31(5):347-51. doi: 10.1016/j.braindev.2008.03.013. Epub 2008 May 15. PMID: 18485643.

1326: Lee JW, Lee KC, Kim YB, Huh SK. Surgery for distal anterior cerebral artery aneurysms. *Surg Neurol*. 2008 Aug;70(2):153-9; discussion 159. doi: 10.1016/j.surneu.2008.03.012. Epub 2008 May 14. PMID: 18482760.

1327: Lee JW, Kim DJ, Jung JY, Kim SH, Huh SK, Suh SH, Kim DI. Embolisation of indirect carotid-cavernous sinus dural arterio-venous fistulae using the direct superior ophthalmic vein approach. *Acta Neurochir (Wien)*. 2008 Jun;150(6):557-61. doi: 10.1007/s00701-008-1573-2. Epub 2008 May 8. PMID:

18458810.

1328: Cho YJ. Identification of up-regulated genes in malignant glioma with subtraction hybridization: preliminary screening studies. *Yonsei Med J.* 2008 Apr 30;49(2):301-10. doi: 10.3349/ymj.2008.49.2.301. PMID: 18452269; PMCID: PMC2615306.

1329: Kim SH, Lee KH, Yoon KB, Park WY, Yoon DM. Sonographic estimation of needle depth for cervical epidural blocks. *Anesth Analg.* 2008 May;106(5):1542-7, table of contents. doi: 10.1213/ane.0b013e318168b6a8. PMID: 18420873.

1330: Shin DA, Kim KN, Shin HC, Kim SH, Yoon DH. Progressive collapse of PMMA- augmented vertebra: a report of three cases. *Zentralbl Neurochir.* 2008 Feb;69(1):43-6. doi: 10.1055/s-2007-992137. PMID: 18393165.

1331: Shim KW, Joo SY, Kim SH, Choi JU, Kim DS. Prediction of prognosis in children with medulloblastoma by using immunohistochemical analysis and tissue microarray. *J Neurosurg Pediatr.* 2008 Mar;1(3):196-205. doi: 10.3171/PED/2008/1/3/196. PMID: 18352763.

1332: Ahn JY, Hong CK, Suh SH, Cho JH, Shim YS, Huh JS. Leo stent-assisted coil embolization of a giant middle cerebral artery aneurysm. *J Neuroimaging.* 2008 Jul;18(3):332-5. doi: 10.1111/j.1552-6569.2007.00221.x. PMID: 18318681.

1333: You NK, Ahn JY, Hong CK, Lee KS. Ectopic ventricular recurrence of an epidermoid cyst in the middle fossa. *J Clin Neurosci.* 2008 May;15(5):578-80. doi: 10.1016/j.jocn.2007.02.010. Epub 2008 Mar 4. PMID: 18313302.

1334: Shin DA, Kim SH, Yoon DH, Kim TS. A dumbbell-shaped solitary fibrous tumor of the cervical spinal cord. *Yonsei Med J.* 2008 Feb 29;49(1):167-70. doi: 10.3349/ymj.2008.49.1.167. PMID: 18306486; PMCID: PMC2615256.

1335: Yang HJ, Gil YC, Lee WJ, Kim TJ, Lee HY. Anatomy of thoracic splanchnic nerves for surgical resection. *Clin Anat.* 2008 Mar;21(2):171-7. doi: 10.1002/ca.20599. PMID: 18288763.

1336: Yoon YS, Ahn JY, Chang JH, Cho JH, Suh SH, Lee BH, Lee KS. Pre-operative embolisation of internal carotid artery branches and pial vessels in hypervascular brain tumours. *Acta Neurochir (Wien).* 2008 May;150(5):447-52; discussion 452. doi: 10.1007/s00701-008-1513-1. Epub 2008 Feb 19. PMID: 18278572.

1337: Kim SH, Cho YJ, Seok Kim H, Heo K, Lee MC, Lee BI, Seung Kim T, Woo Chang J. Balloon cells and dysmorphic neurons in the hippocampus associated with epileptic amnesic syndrome: a case report. *Epilepsia.* 2008 May;49(5):905-9. doi: 10.1111/j.1528-1167.2007.01527.x. Epub 2008 Feb 5. PMID: 18266753.

1338: Shin DA, Kim SH, Kim KN, Shin HC, Yoon DH. Surgical management of spinal cord haemangioblastoma. *Acta Neurochir (Wien).* 2008 Mar;150(3):215-20; discussion 220. doi: 10.1007/s00701-008-1396-6. Epub 2008 Feb 7. PMID: 18253694.

1339: Shin DA, Kim KN, Shin HC, Yoon DH. The efficacy of microendoscopic discectomy in reducing iatrogenic muscle injury. *J Neurosurg Spine.* 2008 Jan;8(1):39-43. doi: 10.3171/SPI-08/01/039. PMID: 18173345.

1340: Shin DA, Kim SH, Kim KN, Shin HC, Yoon DH. Spinal cord tumors of the thoracolumbar junction requiring surgery: a retrospective review of clinical features and surgical outcome. *Yonsei Med J.* 2007

Dec 31;48(6):988-93. doi: 10.3349/ymj.2007.48.6.988. PMID: 18159591; PMCID: PMC2628177.

1341: Jung IY, Kim JH, Kim ES, Lee CY, Lee SJ. An evaluation of buccal infiltrations and inferior alveolar nerve blocks in pulpal anesthesia for mandibular first molars. *J Endod*. 2008 Jan;34(1):11-3. doi: 10.1016/j.joen.2007.09.006. PMID: 18155484.

1342: Ahn JY, Cho JH, Lee JW. Distal lenticulostriate artery aneurysm in deep intracerebral haemorrhage. *J Neurol Neurosurg Psychiatry*. 2007 Dec;78(12):1401-3. doi: 10.1136/jnnp.2007.120204. PMID: 18024696; PMCID: PMC2095591.

1343: Shim KW, Kim DS, Choi JU. Simultaneous endoscopic third ventriculostomy and ventriculoperitoneal shunt for infantile hydrocephalus. *Childs Nerv Syst*. 2008 Apr;24(4):443-51. doi: 10.1007/s00381-007-0526-z. Epub 2007 Nov 10. PMID: 17994241.

1344: Kim SH, Lee KC, Kim SH. Cranial nerve palsies accompanying pituitary tumour. *J Clin Neurosci*. 2007 Dec;14(12):1158-62. doi: 10.1016/j.jocn.2006.07.016. Epub 2007 Oct 26. PMID: 17964787.

1345: Park KY, Ahn JY, Cho JH, Choi YC, Lee KS. Neuromyelitis optica with brainstem lesion mistaken for brainstem glioma. Case report. *J Neurosurg*. 2007 Sep;107(3 Suppl):251-4. doi: 10.3171/PED-07/09/251. PMID: 17918537.

1346: Noh SJ, Ahn JY, Lee KS, Kim SH. Pituitary adenoma and concomitant Rathke's cleft cyst. *Acta Neurochir (Wien)*. 2007 Dec;149(12):1223-8. doi: 10.1007/s00701-007-1295-x. Epub 2007 Oct 3. PMID: 17914599.

1347: Lee JW, Kim DS, Shim KW, Chang JH, Huh SK, Park YG, Choi JU. Management of intracranial cavernous malformation in pediatric patients. *Childs Nerv Syst*. 2008 Mar;24(3):321-7. doi: 10.1007/s00381-007-0465-8. Epub 2007 Sep 18. PMID: 17876588.

1348: Yi S, Kim SH, Shin HC, Kim KN, Yoon DH. Outcome of surgery for a symptomatic herniated thoracic disc in relation to preoperative characteristics of the disc. *Acta Neurochir (Wien)*. 2007 Nov;149(11):1139-45; discussion 1145. doi: 10.1007/s00701-007-1287-x. Epub 2007 Sep 17. PMID: 17876496.

1349: Cho JH, Ahn JY, Byeon SH, Huh JS. Thunderclap headache as initial manifestation of Vogt-Koyanagi-Harada disease. *Headache*. 2008 Jan;48(1):153-5. doi: 10.1111/j.1526-4610.2007.00913.x. Epub 2007 Sep 12. PMID: 17868357.

1350: Shim KW, Kim DS, Choi JU, Kim SH. Congenital cavernous sinus cystic teratoma. *Yonsei Med J*. 2007 Aug 31;48(4):704-10. doi: 10.3349/ymj.2007.48.4.704. PMID: 17722246; PMCID: PMC2628058.

1351: Kim DW, Kang SD. Association between internal carotid artery morphometry and posterior communicating artery aneurysm. *Yonsei Med J*. 2007 Aug 31;48(4):634-8. doi: 10.3349/ymj.2007.48.4.634. PMID: 17722235; PMCID: PMC2628055.

1352: Lee SJ, Ahn JY. Stenosis of the proximal external carotid artery in an adult with moyamoya disease: moyamoya or atherosclerotic change? *Neurol Med Chir (Tokyo)*. 2007 Aug;47(8):356-9. doi: 10.2176/nmc.47.356. PMID: 17721051.

1353: Park YM, Cho JH, Cho JY, Huh JS, Ahn JY. Non-Hodgkin's lymphoma of the sphenoid sinus presenting as isolated oculomotor nerve palsy. *World J Surg Oncol*. 2007 Aug 3;5:86. doi: 10.1186/1477-7819-5-86. PMID: 17683562; PMCID: PMC1950883.

- 1354: Shim KW, Kim TG, Suh CO, Cho JH, Yoo CJ, Choi JU, Kim JH, Kim DS. Treatment failure in intracranial primary germinomas. *Childs Nerv Syst.* 2007 Oct;23(10):1155-61. doi: 10.1007/s00381-007-0394-6. Epub 2007 Jul 4. PMID: 17610071.
- 1355: Kim SH, Shin HC, Shin DA, Kim KN, Yoon DH. Early clinical experience with the mobi-C disc prosthesis. *Yonsei Med J.* 2007 Jun 30;48(3):457-64. doi: 10.3349/ymj.2007.48.3.457. PMID: 17594154; PMCID: PMC2628079.
- 1356: Kim SH, Shin DA, Yi S, Yoon DH, Kim KN, Shin HC. Early results from posterior cervical fusion with a screw-rod system. *Yonsei Med J.* 2007 Jun 30;48(3):440-8. doi: 10.3349/ymj.2007.48.3.440. PMID: 17594152; PMCID: PMC2628078.
- 1357: Lee JW, Jung JY, Kim YB, Huh SK, Kim DI, Lee KC. Spontaneous dissecting aneurysm of the intracranial vertebral artery: management strategies. *Yonsei Med J.* 2007 Jun 30;48(3):425-32. doi: 10.3349/ymj.2007.48.3.425. PMID: 17594150; PMCID: PMC2628103.
- 1358: Choi JU. The promotion of pediatric neurosurgery throughout the world. *Childs Nerv Syst.* 2007 Sep;23(9):929-36. doi: 10.1007/s00381-007-0400-z. PMID: 17593374.
- 1359: Heo DH, Kuh SU. Progressive, repeated lumbar compression fracture at the same level after vertebral kyphoplasty with calcium phosphate cement. Case report. *J Neurosurg Spine.* 2007 Jun;6(6):559-62. doi: 10.3171/spi.2007.6.6.7. PMID: 17561745.
- 1360: Kang CM, Lee HY, Yang HJ, Jang HJ, Gil YC, Kim KS, Choi JS, Lee WJ, Kim BR. Bilateral thoracoscopic splanchnicectomy with sympathectomy for managing abdominal pain in cancer patients. *Am J Surg.* 2007 Jul;194(1):23-9. doi: 10.1016/j.amjsurg.2006.11.018. PMID: 17560904.
- 1361: Gwak YS, Kang J, Leem JW, Hulsebosch CE. Spinal AMPA receptor inhibition attenuates mechanical allodynia and neuronal hyperexcitability following spinal cord injury in rats. *J Neurosci Res.* 2007 Aug 15;85(11):2352-9. doi: 10.1002/jnr.21379. PMID: 17549753.
- 1362: Choi JU. Progressive myelopathy due to meningeal thickening in shunted patients: description of a novel entity and the role of surgery. *Childs Nerv Syst.* 2007 Aug;23(8):855. doi: 10.1007/s00381-007-0348-z. PMID: 17497156.
- 1363: Lee B, Kim J, Kim SJ, Lee H, Chang JW. Constitutive GABA expression via a recombinant adeno-associated virus consistently attenuates neuropathic pain. *Biochem Biophys Res Commun.* 2007 Jun 15;357(4):971-6. doi: 10.1016/j.bbrc.2007.04.061. Epub 2007 Apr 19. PMID: 17466264.
- 1364: Shim YS, Park CO, Hyun DK, Park HC, Yoon SH. What are the causative factors for a slow, progressive enlargement of a chronic subdural hematoma? *Yonsei Med J.* 2007 Apr 30;48(2):210-7. doi: 10.3349/ymj.2007.48.2.210. PMID: 17461518; PMCID: PMC2628130.
- 1365: Lee YJ, Ahn JY, Han IB, Chung YS, Hong CK, Joo JY. Therapeutic endovascular treatments for traumatic vertebral artery injuries. *J Trauma.* 2007 Apr;62(4):886-91. doi: 10.1097/01.ta.0000209398.07973.60. PMID: 17426543.
- 1366: Chin DK, Park JY, Yoon YS, Kuh SU, Jin BH, Kim KS, Cho YE. Prevalence of osteoporosis in patients requiring spine surgery: incidence and significance of osteoporosis in spine disease. *Osteoporos Int.* 2007 Sep;18(9):1219-24. doi: 10.1007/s00198-007-0370-8. Epub 2007 Mar 27. PMID: 17387420.
- 1367: Kim KN, Oh SH, Lee KH, Yoon DH. Effect of human mesenchymal stem cell transplantation

combined with growth factor infusion in the repair of injured spinal cord. *Acta Neurochir Suppl.* 2006;99:133-6. doi: 10.1007/978-3-211-35205-2_25. PMID: 17370779.

1368: Cho YH, Kim HS, Lee KH, Lee YE, Chang JW. The behavioral effect of human mesenchymal stem cell transplantation in cold brain injured rats. *Acta Neurochir Suppl.* 2006;99:125-32. doi: 10.1007/978-3-211-35205-2_24. PMID: 17370778.

1369: Ahn JY, Chang JH, Kim SH, Lee KS. Pleomorphic adenocarcinoma of the lacrimal gland with multiple intracranial and spinal metastases. *World J Surg Oncol.* 2007 Mar 7;5:29. doi: 10.1186/1477-7819-5-29. PMID: 17341319; PMCID: PMC1820784.

1370: Kim DH, Jung JY, Lee JW, Huh SK, Lee KC. A clinical analysis of twelve cases of ruptured cerebral de novo aneurysms. *Yonsei Med J.* 2007 Feb 28;48(1):30-4. doi: 10.3349/ymj.2007.48.1.30. PMID: 17326242; PMCID: PMC2627997.

1371: Ahn JY, Chang JH, Kim KS, Kim WJ. Disseminated tuberculosis with multiple intracerebral tuberculomas in a patient with anorexia nervosa. *Int J Eat Disord.* 2007 Apr;40(3):288-91. doi: 10.1002/eat.20368. PMID: 17262815.

1372: Jung JY, Kim SH, Kim DJ, Kim DI. Navigation-assisted transsphenoidal deflation of a detachable balloon in the cavernous sinus after embolization of a direct carotid-cavernous fistula. *Acta Neurochir (Wien).* 2007 Feb;149(2):207-12; discussion 212. doi: 10.1007/s00701-006-1072-2. Epub 2007 Jan 31. PMID: 17242850.

1373: Hwang YS, Shim I, Lee BB, Chang JW. Effect of subthalamic nucleus lesions in a 6-hydroxydopamine-induced rat parkinsonian model: behavioral and biochemical studies. *J Neurosurg.* 2006 Aug;105(2):284-7. doi: 10.3171/jns.2006.105.2.284. PMID: 17219835.

1374: Han DW, Kweon TD, Kim KJ, Lee JS, Chang CH, Lee YW. Does the tibial and sural nerve transection model represent sympathetically independent pain? *Yonsei Med J.* 2006 Dec 31;47(6):847-51. doi: 10.3349/ymj.2006.47.6.847. PMID: 17191315; PMCID: PMC2687826.

1375: Shim KW, Kim DS, Choi JU. Mixed or metachronous germ-cell tumor? *Childs Nerv Syst.* 2007 Jun;23(6):713-8. doi: 10.1007/s00381-006-0273-6. Epub 2006 Dec 23. PMID: 17187270.

1376: Jang JH, Kim KH, Nam TS, Lee WT, Park KA, Kim DW, Leem JW. The role of uninjured C-afferents and injured afferents in the generation of mechanical hypersensitivity after partial peripheral nerve injury in the rat. *Exp Neurol.* 2007 Mar;204(1):288-98. doi: 10.1016/j.expneurol.2006.11.004. Epub 2006 Dec 20. PMID: 17184773.

1377: Whang K, Lee MS, Kim MS, Lee JY, Kwon W. Occlusion of traumatic carotid cavernous fistula by incidentally formed thrombus during the interventional procedure: a case report. *Korean J Radiol.* 2006 Jul-Sep;7(3):215-7. doi: 10.3348/kjr.2006.7.3.215. PMID: 16969053; PMCID: PMC2667605.

1378: Shim JK, Moon JC, Yoon KB, Kim WO, Yoon DM. Ultrasound-guided lumbar medial-branch block: a clinical study with fluoroscopy control. *Reg Anesth Pain Med.* 2006 Sep-Oct;31(5):451-4. doi: 10.1016/j.rapm.2006.06.246. PMID: 16952818.

1379: Jung EY, Choi SN, Park DJ, You JJ, Kim HJ, Chang SH. Abdominal actinomycosis associated with a sigmoid colon perforation in a patient with a ventriculoperitoneal shunt. *Yonsei Med J.* 2006 Aug 31;47(4):583-6. doi: 10.3349/ymj.2006.47.4.583. PMID: 16941752; PMCID: PMC2687743.

1380: Ahn JY, Han IB, Hong CK, Joo JY. Ruptured distal anterior choroidal artery aneurysm. *J Clin*

Neurosci. 2006 Oct;13(8):872-5. doi: 10.1016/j.jocn.2005.11.033. Epub 2006 Aug 23. PMID: 16931021.

1381: Jung JY, Kim YB, Lee JW, Huh SK, Lee KC. Spontaneous subarachnoid haemorrhage with negative initial angiography: a review of 143 cases. *J Clin Neurosci*. 2006 Dec;13(10):1011-7. doi: 10.1016/j.jocn.2005.09.007. Epub 2006 Aug 23. PMID: 16931020.

1382: Jung HH, Kim CH, Chang JH, Park YG, Chung SS, Chang JW. Bilateral anterior cingulotomy for refractory obsessive-compulsive disorder: Long-term follow-up results. *Stereotact Funct Neurosurg*. 2006;84(4):184-9. doi: 10.1159/000095031. Epub 2006 Aug 14. PMID: 16912517.

1383: Ahn JY, Han IB, Kim TG, Yoon PH, Lee YJ, Lee BH, Seo SH, Kim DI, Hong CK, Joo JY. Endovascular treatment of intracranial vertebral artery dissections with stent placement or stent-assisted coiling. *AJNR Am J Neuroradiol*. 2006 Aug;27(7):1514-20. PMID: 16908571.

1384: Han DW, Koo BN, Chung WY, Park CS, Kim SY, Palmer PP, Kim KJ. Preoperative greater occipital nerve block in total thyroidectomy patients can reduce postoperative occipital headache and posterior neck pain. *Thyroid*. 2006 Jun;16(6):599-603. doi: 10.1089/thy.2006.16.599. PMID: 16839262.

1385: Yi S, Yoon DH, Kim KN, Kim SH, Shin HC. Postoperative spinal epidural hematoma: risk factor and clinical outcome. *Yonsei Med J*. 2006 Jun 30;47(3):326-32. doi: 10.3349/ymj.2006.47.3.326. PMID: 16807981; PMCID: PMC2688151.

1386: Shin HC, Yi S, Kim KN, Kim SH, Yoon DH. Posterior lumbar interbody fusion via a unilateral approach. *Yonsei Med J*. 2006 Jun 30;47(3):319-25. doi: 10.3349/ymj.2006.47.3.319. PMID: 16807980; PMCID: PMC2688150.

1387: Yoon DH, Yi S, Shin HC, Kim KN, Kim SH. Clinical and radiological results following cervical arthroplasty. *Acta Neurochir (Wien)*. 2006 Sep;148(9):943-50. doi: 10.1007/s00701-006-0805-6. Epub 2006 Jun 23. PMID: 16791434.

1388: Shin JJ, Kuh SU, Cho YE. Surgical management of spontaneous spinal epidural hematoma. *Eur Spine J*. 2006 Jun;15(6):998-1004. doi: 10.1007/s00586-005-0965-8. Epub 2006 Apr 25. PMID: 16758110; PMCID: PMC3489451.

1389: Park YS, Chang JH, Cho J, Park YG, Chung SS, Chang JW. Reoperation for persistent or recurrent hemifacial spasm after microvascular decompression. *Neurosurgery*. 2006 Jun;58(6):1162-7; discussion 1162-7. doi: 10.1227/01.NEU.0000215954.97948.B3. PMID: 16723895.

1390: Jin BH. Retraction: cortical margining capabilities of fins associated with ventral cervical spine instrumentation. *Yonsei Med J*. 2006 Apr 30;47(2):291. doi: 10.3349/ymj.2006.47.2.291. PMID: 16642565; PMCID: PMC2687645.

1391: Hong S, Lee HK, Lee JB, Han SH. Recession-resection combined with intraoperative botulinum toxin A chemodenervation for exotropia following subtotal ruptured of medial rectus muscle. *Graefes Arch Clin Exp Ophthalmol*. 2007 Jan;245(1):167-9. doi: 10.1007/s00417-005-0226-x. Epub 2006 Apr 21. PMID: 16628422.

1392: Chin DK, Kim YS, Cho YE, Shin JJ. Efficacy of postural reduction in osteoporotic vertebral compression fractures followed by percutaneous vertebroplasty. *Neurosurgery*. 2006 Apr;58(4):695-700; discussion 695-700. doi: 10.1227/01.NEU.0000204313.36531.79. PMID: 16575333.

- 1393: Yi S, Yoon DH, Shin HC, Kim KN, Lee SW. A thoracic myelomeningocele in a patient with spondylocostal dysostosis. Case report. *J Neurosurg*. 2006 Jan;104(1 Suppl):37-40. doi: 10.3171/ped.2006.104.1.37. PMID: 16509479.
- 1394: Choi JY, Kim SH, Lee WS, Sung KH. Spinal extradural arachnoid cyst. *Acta Neurochir (Wien)*. 2006 May;148(5):579-85; discussion 585. doi: 10.1007/s00701-006-0744-2. Epub 2006 Mar 2. PMID: 16505968.
- 1395: Kim KS, Kim YW, Kwon HD. Unilateral spondylolysis combined with contralateral lumbar pediculolysis in a military parachutist. *J Spinal Disord Tech*. 2006 Feb;19(1):65-7. doi: 10.1097/01.bsd.0000161230.87271.f3. PMID: 16462222.
- 1396: Cho YH, Kim DS, Kim PG, Hwang YS, Cho MS, Moon SY, Kim DW, Chang JW. Dopamine neurons derived from embryonic stem cells efficiently induce behavioral recovery in a Parkinsonian rat model. *Biochem Biophys Res Commun*. 2006 Mar 3;341(1):6-12. doi: 10.1016/j.bbrc.2005.12.140. Epub 2006 Jan 5. PMID: 16412382.
- 1397: Kim MA, Heo K, Choo MK, Cho JH, Park SC, Lee JD, Yun M, Park HJ, Lee BI. Relationship between bilateral temporal hypometabolism and EEG findings for mesial temporal lobe epilepsy: analysis of 18F-FDG PET using SPM. *Seizure*. 2006 Jan;15(1):56-63. doi: 10.1016/j.seizure.2005.11.007. Epub 2006 Jan 4. PMID: 16386927.
- 1398: Kim DS, Shim KW, Kim TG, Chang JH, Park YG, Choi JU. Pineal cavernous malformations: report of two cases. *Yonsei Med J*. 2005 Dec 31;46(6):851-8. doi: 10.3349/ymj.2005.46.6.851. PMID: 16385664; PMCID: PMC2810602.
- 1399: Yoon HJ, Choi JY, Park YS, Kim CO, Kim JM, Yong DE, Lee KW, Song YG. Outbreaks of *Serratia marcescens* bacteriuria in a neurosurgical intensive care unit of a tertiary care teaching hospital: a clinical, epidemiologic, and laboratory perspective. *Am J Infect Control*. 2005 Dec;33(10):595-601. doi: 10.1016/j.ajic.2005.01.010. PMID: 16330308.
- 1400: Yoon DH, Shin HC, Kim KN, Lee SW, Yi S, Park KI, Kim YS, Kim SI. Surgical management of spinal disease in renal recipients. *Clin Transplant*. 2005 Oct;19(5):632-7. doi: 10.1111/j.1399-0012.2005.00368.x. PMID: 16146555.
- 1401: Joo JY, Ahn JY, Chung YS, Han IB, Chung SS, Yoon PH, Kim SH, Choi EW. Treatment of intra- and extracranial arterial dissections using stents and embolization. *Cardiovasc Intervent Radiol*. 2005 Sep-Oct;28(5):595-602. doi: 10.1007/s00270-004-0199-x. PMID: 16132393.
- 1402: Kim JH, Lee JH, Park YK, Kwon TH, Chung HS. C-1 root schwannoma with aggressive lateral mass invasion. *Yonsei Med J*. 2005 Aug 31;46(4):575-8. doi: 10.3349/ymj.2005.46.4.575. PMID: 16127786; PMCID: PMC2815846.
- 1403: Chang JH, Kim JA, Chang JW, Park YG, Kim TS. Sylvian meningioma without dural attachment in an adult. *J Neurooncol*. 2005 Aug;74(1):43-5. doi: 10.1007/s11060-005-2896-y. PMID: 16078106.
- 1404: Kuh SU, Cho YE, Yoon DH, Kim KN, Ha Y. Functional recovery after human umbilical cord blood cells transplantation with brain-derived neutrophilic factor into the spinal cord injured rat. *Acta Neurochir (Wien)*. 2005 Sep;147(9):985-92; discussion 992. doi: 10.1007/s00701-005-0538-y. Epub 2005 Jul 11. PMID: 16010451.
- 1405: Joo JY, Ahn JY, Chung YS, Chung SS, Kim SH, Yoon PH, Kim OJ. Therapeutic endovascular treatments for traumatic carotid artery injuries. *J Trauma*. 2005 Jun;58(6):1159-66. doi:

10.1097/01.ta.0000171550.01402.ed. PMID: 15995463.

1406: Jin BH, Kwon HD, Cho YE. Cortical margining capabilities of fins associated with ventral cervical spine instrumentation. *Yonsei Med J.* 2005 Jun 30;46(3):372-8. doi: 10.3349/ymj.2005.46.3.372. Retraction in: Jin BH. *Yonsei Med J.* 2006 Apr 30;47(2):291. PMID: 15988809; PMCID: PMC2815814.

1407: Kuh SU, Kim YS, Cho YE, Jin BH, Kim KS, Yoon YS, Chin DK. Contributing factors affecting the prognosis surgical outcome for thoracic OLF. *Eur Spine J.* 2006 Apr;15(4):485-91. doi: 10.1007/s00586-005-0903-9. Epub 2005 May 18. PMID: 15902507; PMCID: PMC3489313.

1408: Jeon BC, Jeong SH, Bae IK, Kwon SB, Lee K, Young D, Lee JH, Song JS, Lee SH. Investigation of a nosocomial outbreak of imipenem-resistant *Acinetobacter baumannii* producing the OXA-23 beta-lactamase in Korea. *J Clin Microbiol.* 2005 May;43(5):2241-5. doi: 10.1128/JCM.43.5.2241-2245.2005. PMID: 15872249; PMCID: PMC1153754.

1409: Lee B, Lee H, Nam YR, Oh JH, Cho YH, Chang JW. Enhanced expression of glutamate decarboxylase 65 improves symptoms of rat parkinsonian models. *Gene Ther.* 2005 Aug;12(15):1215-22. doi: 10.1038/sj.gt.3302520. PMID: 15829994.

1410: Kim KS, Yang TK, Lee JC. Radiological changes in the bone fusion site after posterior lumbar interbody fusion using carbon cages impacted with laminar bone chips: follow-up study over more than 4 years. *Spine (Phila Pa 1976).* 2005 Mar 15;30(6):655-60. doi: 10.1097/01.brs.0000155421.07796.7f. PMID: 15770181.

1411: Kuh SU, Kim YS, Cho YE, Yoon YS, Jin BH, Kim KS, Chin DK. Surgical treatments for lumbar disc disease in adolescent patients; chemonucleolysis / microsurgical discectomy/ PLIF with cages. *Yonsei Med J.* 2005 Feb 28;46(1):125-32. doi: 10.3349/ymj.2005.46.1.125. PMID: 15744815; PMCID: PMC2823038.

1412: Huh R, Park YS, Lee JD, Chung YS, Park YG, Chung SS, Chang JW. Therapeutic effects of Holmium-166 chitosan complex in rat brain tumor model. *Yonsei Med J.* 2005 Feb 28;46(1):51-60. doi: 10.3349/ymj.2005.46.1.51. PMID: 15744805; PMCID: PMC2823057.

1413: Lee BH, Lee KH, Yoon DH, Kim UJ, Hwang YS, Park SK, Choi JU, Park YG. Effects of methylprednisolone on the neural conduction of the motor evoked potentials in spinal cord injured rats. *J Korean Med Sci.* 2005 Feb;20(1):132-8. doi: 10.3346/jkms.2005.20.1.132. PMID: 15716618; PMCID: PMC2808560.

1414: Kim YD, Heo K, Park SC, Huh K, Chang JW, Choi JU, Chung SS, Lee BI. Antiepileptic drug withdrawal after successful surgery for intractable temporal lobe epilepsy. *Epilepsia.* 2005 Feb;46(2):251-7. doi: 10.1111/j.0013-9580.2005.28004.x. PMID: 15679506.

1415: Park YS, Chang JH, Chang JW, Chung SS, Park YG. Gamma knife surgery for multiple hemangioblastomas. *J Neurosurg.* 2005 Jan;102 Suppl:97-101. doi: 10.3171/jns.2005.102.s_supplement.0097. PMID: 15662788.

1416: Kim KS, Yoon ST, Li J, Park JS, Hutton WC. Disc degeneration in the rabbit: a biochemical and radiological comparison between four disc injury models. *Spine (Phila Pa 1976).* 2005 Jan 1;30(1):33-7. doi: 10.1097/01.brs.0000149191.02304.9b. PMID: 15626978.

1417: Park CO, Hyun DK. Apoptotic change in response to magnesium therapy after moderate diffuse axonal injury in rats. *Yonsei Med J.* 2004 Oct 31;45(5):908-16. doi: 10.3349/ymj.2004.45.5.908. PMID: 15515203.

- 1418: Chang JH, Yang XF, Zempel JM, Rothman SM. The unilateral cobalt wire model of neocortical epilepsy: a method of producing subacute focal seizures in rodents. *Epilepsy Res.* 2004 Sep-Oct;61(1-3):153-60. doi: 10.1016/j.eplepsyres.2004.07.012. PMID: 15451016.
- 1419: Jang JH, Kim DW, Sang Nam T, Se Paik K, Leem JW. Peripheral glutamate receptors contribute to mechanical hyperalgesia in a neuropathic pain model of the rat. *Neuroscience.* 2004;128(1):169-76. doi: 10.1016/j.neuroscience.2004.06.040. PMID: 15450364.
- 1420: Lee BH, Lee KH, Kim UJ, Yoon DH, Sohn JH, Choi SS, Yi IG, Park YG. Injury in the spinal cord may produce cell death in the brain. *Brain Res.* 2004 Sep 10;1020(1-2):37-44. doi: 10.1016/j.brainres.2004.05.113. PMID: 15312785.
- 1421: Choi JU, Yang KH, Kim TG, Chang JH, Chang JW, Lee BI, Kim DS. Endoscopic disconnection for hypothalamic hamartoma with intractable seizure. Report of four cases. *J Neurosurg.* 2004 May;100(5 Suppl Pediatrics):506-11. doi: 10.3171/ped.2004.100.5.0506. PMID: 15287464.
- 1422: Okada H. Biologic therapy for brain cancers—based on cellular and immunobiology. *Yonsei Med J.* 2004 Jun 30;45 Suppl:68-70. doi: 10.3349/ymj.2004.45.Suppl.68. PMID: 15250054.
- 1423: Erol FS, Topsakal C, Ozveren MF, Akdemir I, Cobanoglu B. Meningocele with cervical dermoid sinus tract presenting with congenital mirror movement and recurrent meningitis. *Yonsei Med J.* 2004 Jun 30;45(3):568-72. doi: 10.3349/ymj.2004.45.3.568. PMID: 15227751.
- 1424: Kim YW, Jin BH, Kim TS, Cho YE. Primary intraspinal primitive neuroectodermal tumor at conus medullaris. *Yonsei Med J.* 2004 Jun 30;45(3):533-8. doi: 10.3349/ymj.2004.45.3.533. PMID: 15227743.
- 1425: Yoon SH, Park HC, Park HS, Kim EY, Ha Y, Chong CK, Kim SM, Rim DC. Radiological considerations of posterior cervical lateral mass fixation using plate and screw. *Yonsei Med J.* 2004 Jun 30;45(3):406-12. doi: 10.3349/ymj.2004.45.3.406. PMID: 15227726.
- 1426: Huang XZ, Won YJ, Park BG, Cho BP, Lee JW, Jeong SW. Nerve injury alters profile of receptor-mediated Ca²⁺ channel modulation in vagal afferent neurons of rat nodose ganglia. *Neurosci Lett.* 2004 Jul 8;364(3):189-94. doi: 10.1016/j.neulet.2004.04.039. PMID: 15196673.
- 1427: Kwon SC, Rhim SC, Lee DH, Roh SW, Kang SK. Primary malignant melanoma of the cervical spinal nerve root. *Yonsei Med J.* 2004 Apr 30;45(2):345-8. doi: 10.3349/ymj.2004.45.2.345. PMID: 15119011.
- 1428: Kim DS, Yang KH, Kim TG, Chang JH, Chang JW, Choi JU, Lee BI. The surgical effect of callosotomy in the treatment of intractable seizure. *Yonsei Med J.* 2004 Apr 30;45(2):233-40. doi: 10.3349/ymj.2004.45.2.233. PMID: 15118994.
- 1429: Park SH, Cho BM, Oh SM. Head injuries from falls in preschool children. *Yonsei Med J.* 2004 Apr 30;45(2):229-32. doi: 10.3349/ymj.2004.45.2.229. PMID: 15118993.
- 1430: Jang JH, Nam TS, Paik KS, Leem JW. Involvement of peripherally released substance P and calcitonin gene-related peptide in mediating mechanical hyperalgesia in a traumatic neuropathy model of the rat. *Neurosci Lett.* 2004 Apr 29;360(3):129-32. doi: 10.1016/j.neulet.2004.02.043. PMID: 15082150.
- 1431: Chang JH, Chang JW, Park YG, Kim TS. Cysticercosis of cerebellopontine cistern: differential diagnosis using MRI. *Acta Neurochir (Wien).* 2004 Apr;146(4):325-8. doi: 10.1007/s00701-003-0184-1. Epub 2004 Feb 16. PMID: 15057525.

- 1432: Choi JY, Chang JW, Park YG, Kim TS, Lee BI, Chung SS. A retrospective study of the clinical outcomes and significant variables in the surgical treatment of temporal lobe tumor associated with intractable seizures. *Stereotact Funct Neurosurg.* 2004;82(1):35-42. doi: 10.1159/000076659. PMID: 15007218.
- 1433: Yoon YS, Chai M, Shin DW. Football injuries at Asian tournaments. *Am J Sports Med.* 2004 Jan-Feb;32(1 Suppl):36S-42S. doi: 10.1177/0095399703258781. PMID: 14754858.
- 1434: Cho HM, Chung KY, Kim DJ, Lee KJ, Kim KD. The comparison of VATS ramicotomy and VATS sympathicotomy for treating essential hyperhidrosis. *Yonsei Med J.* 2003 Dec 30;44(6):1008-13. doi: 10.3349/ymj.2003.44.6.1008. PMID: 14703609.
- 1435: Kemaloglu S, Ozkan U, Yilmaz F, Ak E, Acemoglu H, Olmez G, Simsek R, Bakir A. Preventive effects of intracisternal alphatochopherol on cerebral vasospasm in experimental subarachnoid haemorrhage. *Yonsei Med J.* 2003 Dec 30;44(6):955-60. doi: 10.3349/ymj.2003.44.6.955. PMID: 14703601.
- 1436: Lee DY, Paik HC, Kim DH, Kim HW. Comparative analysis of T3 selective division of rami communicantes (ramicotomy) to T3 sympathetic clipping in treatment of palmar hyperhidrosis. *Clin Auton Res.* 2003 Dec;13 Suppl 1:145-7. doi: 10.1007/s10286-003-1115-1. PMID: 14673673.
- 1437: Moon HG, Shin HS, Kim TH, Hwang YS, Park SK. Ossified chronic subdural hematoma. *Yonsei Med J.* 2003 Oct 30;44(5):915-8. doi: 10.3349/ymj.2003.44.5.915. PMID: 14584111.
- 1438: Chang JH, Chang JW, Park YG, Kim TS, Kim JA, Chung SS. Simple bone cyst occurring in calvarium. *Acta Neurochir (Wien).* 2003 Oct;145(10):927-8. doi: 10.1007/s00701-003-0114-2. PMID: 14577017.
- 1439: Jeon MF, Ha Y, Cho YH, Lee BH, Park YG, Chang JW. Effect of ipsilateral subthalamic nucleus lesioning in a rat parkinsonian model: study of behavior correlated with neuronal activity in the pedunculopontine nucleus. *J Neurosurg.* 2003 Oct;99(4):762-7. doi: 10.3171/jns.2003.99.4.0762. PMID: 14567613.
- 1440: Ha Y, Kim TS, Yoon DH, Cho YE, Huh SG, Lee KC. Reinduced expression of developmental proteins (nestin, small heat shock protein) in and around cerebral arteriovenous malformations. *Clin Neuropathol.* 2003 Sep-Oct;22(5):252-61. PMID: 14531551.
- 1441: Chang JW, Yang JS, Jeon MF, Lee BH, Chung SS. Effect of subthalamic lesion with kainic acid on the neuronal activities of the basal ganglia of rat parkinsonian models with 6-hydroxydopamine. *Acta Neurochir Suppl.* 2003;87:163-8. doi: 10.1007/978-3-7091-6081-7_34. PMID: 14518546.
- 1442: Lee BH, Lee KH, Chung SS, Chang JW. Neurophysiological identification and characterization of thalamic neurons with single unit recording in essential tremor patients. *Acta Neurochir Suppl.* 2003;87:133-6. doi: 10.1007/978-3-7091-6081-7_28. PMID: 14518540.
- 1443: Choi JY, Chang JH, Chang JW, Ha Y, Park YG, Chung SS. Radiological and hormonal responses of functioning pituitary adenomas after gamma knife radiosurgery. *Yonsei Med J.* 2003 Aug 30;44(4):602-7. doi: 10.3349/ymj.2003.44.4.602. PMID: 12950114.
- 1444: Kim WO, Kil HK, Yoon DM, Cho MJ. Treatment of compensatory gustatory hyperhidrosis with topical glycopyrrolate. *Yonsei Med J.* 2003 Aug 30;44(4):579-82. doi: 10.3349/ymj.2003.44.4.579. PMID: 12950111.

- 1445: Yoon DH, Ha Y, Park YG, Chang JW. Thoracoscopic limited T-3 sympathectomy for primary hyperhidrosis: prevention for compensatory hyperhidrosis. *J Neurosurg*. 2003 Jul;99(1 Suppl):39-43. doi: 10.3171/spi.2003.99.1.0039. PMID: 12859057.
- 1446: Chang JW, Kim CH, Lee JD, Chung SS. Single photon emission computed tomography imaging in obsessive-compulsive disorder and for stereotactic bilateral anterior cingulotomy. *Neurosurg Clin N Am*. 2003 Apr;14(2):237-50. doi: 10.1016/s1042-3680(03)00006-8. PMID: 12856491.
- 1447: Ha Y, Lee JE, Kim KN, Cho YE, Yoon DH. Intermediate filament nestin expressions in human cord blood monocytes (HCMNCs). *Acta Neurochir (Wien)*. 2003 Jun;145(6):483-7. doi: 10.1007/s00701-003-0023-4. PMID: 12836073.
- 1448: Shin HS, Kim TH, Hwang YS, Park SK. Circumferential wrapping and clipping with temporalis fascia for treatment of unclippable intracranial aneurysms. *Yonsei Med J*. 2003 Apr 30;44(2):210-4. doi: 10.3349/ymj.2003.44.2.210. PMID: 12728459.
- 1449: Joo JY, Uz T, Manev H. Opposite effects of pinealectomy and melatonin administration on brain damage following cerebral focal ischemia in rat. *Restor Neurol Neurosci*. 1998;13(3-4):185-91. PMID: 12671279.
- 1450: Kim CH, Chang JW, Koo MS, Kim JW, Suh HS, Park IH, Lee HS. Anterior cingulotomy for refractory obsessive-compulsive disorder. *Acta Psychiatr Scand*. 2003 Apr;107(4):283-90. doi: 10.1034/j.1600-0447.2003.00087.x. PMID: 12662251.
- 1451: Lee KC, Lee KS, Shin YS, Lee JW, Chung SK. Surgery for posterior communicating artery aneurysms. *Surg Neurol*. 2003 Feb;59(2):107-13. doi: 10.1016/s0090-3019(02)00987-4. PMID: 12648909.
- 1452: Shin DW, Yoon YS, Matsumoto M, Huang W, Ceraulo P, Young W. Glutamine synthetase induced spinal seizures in rats. *Yonsei Med J*. 2003 Feb;44(1):125-32. doi: 10.3349/ymj.2003.44.1.125. PMID: 12619185.
- 1453: Kim YC, Bahk JH, Lee SC, Lee YW. Infrared thermographic imaging in the assessment of successful block on lumbar sympathetic ganglion. *Yonsei Med J*. 2003 Feb;44(1):119-24. doi: 10.3349/ymj.2003.44.1.119. PMID: 12619184.
- 1454: Yoon DH, Yang KH, Kim KN, Oh SH. Posterior atlantoaxial dislocation without fracture. Case report. *J Neurosurg*. 2003 Jan;98(1 Suppl):73-6. doi: 10.3171/spi.2003.98.1.0073. PMID: 12546392.
- 1455: Chang JH, Chang JW, Choi JY, Park YG, Chung SS. Complications after gamma knife radiosurgery for benign meningiomas. *J Neurol Neurosurg Psychiatry*. 2003 Feb;74(2):226-30. doi: 10.1136/jnnp.74.2.226. PMID: 12531956; PMCID: PMC1738258.
- 1456: Chang JW, Choi JY, Yoon Y, Park YG, Chung SS. Unusual causes of trigeminal neuralgia treated by gamma knife radiosurgery. Report of two cases. *J Neurosurg*. 2002 Dec;97(5 Suppl):533-5. doi: 10.3171/jns.2002.97.supplement. PMID: 12507091.
- 1457: Yang KH, Kim DS, Choi JU. The reversible focal MRI abnormalities in complex partial seizure: technical instruction. *Childs Nerv Syst*. 2002 Dec;18(12):722-4. doi: 10.1007/s00381-002-0673-1. Epub 2002 Nov 5. PMID: 12483359.
- 1458: Chang JH, Choi JY, Chang JW, Park YG, Kim TS, Chung SS. Chronic epidural hematoma with rapid ossification. *Childs Nerv Syst*. 2002 Dec;18(12):712-6. doi: 10.1007/s00381-002-0664-2. Epub 2002

Oct 19. PMID: 12483357.

1459: Kim DS, Choi JU, Yang KH, Jung JM. Optic sheath schwannomas: report of two cases. *Childs Nerv Syst.* 2002 Dec;18(12):684-9. doi: 10.1007/s00381-002-0663-3. Epub 2002 Oct 16. PMID: 12483351.

1460: Chung SS, Chang JH, Choi JY, Chang JW, Park YG. Microvascular decompression for hemifacial spasm: a long-term follow-up of 1,169 consecutive cases. *Stereotact Funct Neurosurg.* 2001;77(1-4):190-3. doi: 10.1159/000064620. PMID: 12428639.

1461: Chang JW, Choi JY, Lee BW, Kang UJ, Chung SS. Unilateral globus pallidus internus stimulation improves delayed onset post-traumatic cervical dystonia with an ipsilateral focal basal ganglia lesion. *J Neurol Neurosurg Psychiatry.* 2002 Nov;73(5):588-90. doi: 10.1136/jnnp.73.5.588. PMID: 12397158; PMCID: PMC1738140.

1462: Park YG, Choi JY, Chang JW, Chung SS. Gamma knife radiosurgery for metastatic brain tumors. *Stereotact Funct Neurosurg.* 2001;76(3-4):201-3. doi: 10.1159/000066718. PMID: 12378097.

1463: Kim YS, Chin DK, Yoon DH, Jin BH, Cho YE. Predictors of successful outcome for lumbar chemonucleolysis: analysis of 3000 cases during the past 14 years. *Neurosurgery.* 2002 Nov;51(5 Suppl):S123-8. PMID: 12234439.

1464: Chun SI, Yeh B. [One hundred years history of surgery in Korea]. *Uisahak.* 1999;8(2):147-55. Korean. PMID: 12212609.

1465: Lee KC. The role of neurosurgeons in the era of endovascular treatment of cerebral aneurysms. *Neurol Med Chir (Tokyo).* 2002 May;42(5):242-3. doi: 10.2176/nmc.42.242. PMID: 12064162.

1466: Kim DS, Choi JU, Yang KH, Park CI, Park ES. Selective posterior rhizotomy for lower extremity spasticity: how much and which of the posterior rootlets should be cut? *Surg Neurol.* 2002 Feb;57(2):87-93. doi: 10.1016/s0090-3019(01)00680-2. PMID: 11904198.

1467: Chang JW, Chang JH, Choi JY, Kim DI, Park YG, Chung SS. Role of postoperative magnetic resonance imaging after microvascular decompression of the facial nerve for the treatment of hemifacial spasm. *Neurosurgery.* 2002 Apr;50(4):720-5; discussion 726. doi: 10.1097/00006123-200204000-00007. PMID: 11904021.

1468: Chung IH, Oh CS, Koh KS, Kim HJ, Paik HC, Lee DY. Anatomic variations of the T2 nerve root (including the nerve of Kuntz) and their implications for sympathectomy. *J Thorac Cardiovasc Surg.* 2002 Mar;123(3):498-501. doi: 10.1067/mtc.2002.119340. PMID: 11882821.

1469: Lee KS, Seo EK. Two primary intracranial tumors of different histology: report of a case with a choroid plexus papilloma and a concurrent vestibular schwannoma in the cerebellopontine angle. *Yonsei Med J.* 2002 Feb;43(1):133-7. doi: 10.3349/ymj.2002.43.1.133. PMID: 11854945.

1470: Kim SH, Shin YS, Yoon PH, Kim DI. Emergency endovascular treatment of internal carotid artery injury during a transsphenoidal approach for a pituitary tumor -case report-. *Yonsei Med J.* 2002 Feb;43(1):119-22. doi: 10.3349/ymj.2002.43.1.119. PMID: 11854942.

1471: Ahn JY, Kwon SO, Shin MS, Shim JY, Kim OJ. A case of multiple schwannomas of the trigeminal nerves, acoustic nerves, lower cranial nerves, brachial plexuses and spinal canal: schwannomatosis or neurofibromatosis? *Yonsei Med J.* 2002 Feb;43(1):109-13. doi: 10.3349/ymj.2002.43.1.109. PMID: 11854940.

- 1472: Kim SH, Park SC, Lee KC. Double-barreled tack suture procedure in carotid endarterectomy. *J Neurosurg*. 2001 Dec;95(6):1079-80. doi: 10.3171/jns.2001.95.6.1079. PMID: 11765827.
- 1473: Kim SH, Yoon JH, Choi JU, Chung SS, Lee KC. Transcolumellar approach in transsphenoidal pituitary surgery for patients with small nostril. *Otolaryngol Head Neck Surg*. 2001 Dec;125(6):609-12. doi: 10.1067/mhn.2001.120396. PMID: 11743461.
- 1474: Park CO, Yi HG. Apoptotic change and NOS activity in the experimental animal diffuse axonal injury model. *Yonsei Med J*. 2001 Oct;42(5):518-26. doi: 10.3349/ymj.2001.42.5.518. PMID: 11675680.
- 1475: Kim DS, Choi JU, Yang KH, Park CI. Selective posterior rhizotomy in children with cerebral palsy: a 10-year experience. *Childs Nerv Syst*. 2001 Sep;17(9):556-62. doi: 10.1007/s003810100465. PMID: 11585331.
- 1476: Chang JW, Chang JH, Park SC, Kim TS, Park YG, Chung SS. Radiologically confirmed de novo glioblastoma multiforme and hippocampal sclerosis associated with the first onset of nonconvulsive simple partial status epilepticus. *Acta Neurochir (Wien)*. 2001;143(3):297-300; discussion 300-1. doi: 10.1007/s007010170110. PMID: 11460918.
- 1477: Chang JW, Chang JH, Park YG, Chung SS. Microvascular decompression of the facial nerve for hemifacial spasm in youth. *Childs Nerv Syst*. 2001 May;17(6):309-12. doi: 10.1007/s003810000432. PMID: 11417409.
- 1478: Yoon PH, Kim DI, Jeon P, Lee SI, Lee SK, Kim SH. Pituitary adenomas: early postoperative MR imaging after transsphenoidal resection. *AJNR Am J Neuroradiol*. 2001 Jun-Jul;22(6):1097-104. PMID: 11415904.
- 1479: Pyen JS, Whang K, Hu C, Hong SK, Lee MS, Lee JY, Hong SW. Tic convulsif caused by cerebellopontine angle schwannoma. *Yonsei Med J*. 2001 Apr;42(2):255-7. doi: 10.3349/ymj.2001.42.2.255. Retraction in: *Yonsei Med J*. 2008 Dec 31;49(6):1060. PMID: 11371116.
- 1480: Jahng JW, Kim DG, Houpt TA. Subdiaphragmatic vagotomy induces NADPH diaphorase in the rat dorsal motor nucleus of the vagus. *Yonsei Med J*. 2001 Apr;42(2):215-9. doi: 10.3349/ymj.2001.42.2.215. PMID: 11371110.
- 1481: Vahc YW, Chung WK, Park KR, Lee JY, Lee YH, Kwon O, Kim S. The properties of the ultramicrocylindrical ionization chamber for small field used in stereotactic radiosurgery. *Med Phys*. 2001 Mar;28(3):303-9. doi: 10.1118/1.1350437. PMID: 11318310.
- 1482: Yoo SK, Kim SH, Kim NH, Kang YT, Kim KM, Bae SH, Vannier MW. Design of a PC-based multimedia telemedicine system for brain function teleconsultation. *Int J Med Inform*. 2001 May;61(2-3):217-27. doi: 10.1016/s1386-5056(01)00143-5. PMID: 11311675.
- 1483: Han SH, Lew H, Jeong CW, Lee JB. Effect of botulinum toxin A chemodenervation in sensory strabismus. *J Pediatr Ophthalmol Strabismus*. 2001 Mar-Apr;38(2):68-71. PMID: 11310709.
- 1484: Lee KS. Extradural approach to the lateral sellar compartment. *Yonsei Med J*. 2001 Feb;42(1):120-7. doi: 10.3349/ymj.2001.42.1.120. PMID: 11293490.
- 1485: Chang JW, Chang JH, Park YG, Chung SS. Microvascular decompression in trigeminal neuralgia: a correlation of three-dimensional time-of-flight magnetic resonance angiography and surgical findings. *Stereotact Funct Neurosurg*. 2000;74(3-4):167-74. doi: 10.1159/000056476. PMID: 11279357.

- 1486: Chang JH, Chang JW, Park YG, Chung SS. Factors related to complete occlusion of arteriovenous malformations after gamma knife radiosurgery. *J Neurosurg.* 2000 Dec;93 Suppl 3:96-101. doi: 10.3171/sup.2000.93.supplement3.0096. PMID: 11143271.
- 1487: Chang JW, Chang JH, Park YG, Chung SS. Gamma knife radiosurgery for idiopathic and secondary trigeminal neuralgia. *J Neurosurg.* 2000 Dec;93 Suppl 3:147-51. doi: 10.3171/jns.2000.93.supplement. PMID: 11143233.
- 1488: Kim JM, Park ES, Jeong JS, Kim KM, Kim JM, Oh HS, Yoon SW, Chang HS, Chang KH, Lee SI, Lee MS, Song JH, Kang MW, Park SC, Choe KW, Pai CH. Multicenter surveillance study for nosocomial infections in major hospitals in Korea. Nosocomial Infection Surveillance Committee of the Korean Society for Nosocomial Infection Control. *Am J Infect Control.* 2000 Dec;28(6):454-8. doi: 10.1067/mic.2000.107592. PMID: 11114615.
- 1489: Chung SS, Chang JW, Kim SH, Chang JH, Park YG, Kim DI. Microvascular decompression of the facial nerve for the treatment of hemifacial spasm: preoperative magnetic resonance imaging related to clinical outcomes. *Acta Neurochir (Wien).* 2000;142(8):901-6; discussion 907. doi: 10.1007/s007010070076. PMID: 11086829.
- 1490: Chang JW, Lee H, Kim E, Lee Y, Chung SS, Kim JH. Combined antitumor effects of an adenoviral cytosine deaminase/thymidine kinase fusion gene in rat C6 glioma. *Neurosurgery.* 2000 Oct;47(4):931-8; discussion 938-9. doi: 10.1097/00006123-200010000-00026. PMID: 11014433.
- 1491: Lee BH, Park SH, Won R, Park YG, Sohn JH. Antiallodynic effects produced by stimulation of the periaqueductal gray matter in a rat model of neuropathic pain. *Neurosci Lett.* 2000 Sep 8;291(1):29-32. doi: 10.1016/s0304-3940(00)01375-6. PMID: 10962146.
- 1492: Huh SK, Lee KC, Lee KS, Kim DI, Park YG, Chung SS. Selection of treatment modalities for cerebral arteriovenous malformations: a retrospective analysis of 348 consecutive cases. *J Clin Neurosci.* 2000 Sep;7(5):429-33. doi: 10.1054/jocn.1999.0698. PMID: 10942665.
- 1493: Shin YS, Lee KC, Kim DI, Lee KS, Huh SK. Emergency surgical recanalisation of A1 segment occluded by a Guglielmi detachable coil. *J Clin Neurosci.* 2000 May;7(3):259-62. doi: 10.1054/jocn.1999.0207. PMID: 10833627.
- 1494: Kim YS, Chin DK, Tator CH, Nakagawa H, Pentelenyi TJ, Park HC. Surgical management of incomplete cervical cord injury with stenosis secondary to ossification of the posterior longitudinal ligament. *Spinal Cord.* 2000 Mar;38(3):140-5. doi: 10.1038/sj.sc.3100982. PMID: 10795933.
- 1495: Shin YS, Kim DI, Lee SI, Chung JI, Yoon PH, Lee KC. The usefulness of the new "double-catheter technique" in the treatment of parent artery incorporated wide-necked aneurysm with Guglielmi detachable coils. Technical notes. *Interv Neuroradiol.* 2000 Mar 30;6(1):61-4. doi: 10.1177/159101990000600107. Epub 2001 May 15. PMID: 20667182; PMCID: PMC3679579.
- 1496: Kim SH, Huh R, Chang JW, Park YG, Chung SS. Gamma Knife radiosurgery for functioning pituitary adenomas. *Stereotact Funct Neurosurg.* 1999;72 Suppl 1:101-10. doi: 10.1159/000056445. PMID: 10681697.
- 1497: Chang JW, Kim SH, Huh R, Park YG, Chung SS. The effects of stereotactic radiosurgery on secondary facial pain. *Stereotact Funct Neurosurg.* 1999;72 Suppl 1:29-37. doi: 10.1159/000056436. PMID: 10681688.
- 1498: Choi JU, Kim DS, Kim SH. Endoscopic surgery for obstructive hydrocephalus. *Yonsei Med J.* 1999

Dec;40(6):600-7. doi: 10.3349/ymj.1999.40.6.600. PMID: 10661039.

1499: Lee DY, Hong YJ, Shin HK. Thoracoscopic sympathetic surgery for hyperhidrosis. *Yonsei Med J*. 1999 Dec;40(6):589-95. doi: 10.3349/ymj.1999.40.6.589. PMID: 10661037.

1500: Lee DY, Yoon YH, Shin HK, Kim HK, Hong YJ. Needle thoracic sympathectomy for essential hyperhidrosis: intermediate-term follow-up. *Ann Thorac Surg*. 2000 Jan;69(1):251-3. doi: 10.1016/s0003-4975(99)01191-1. PMID: 10654524.

1501: Hwang SM, Kang YC, Lee YB, Yoon KB, Ahn SK, Choi EH. The effects of epidural blockade on the acute pain in herpes zoster. *Arch Dermatol*. 1999 Nov;135(11):1359-64. doi: 10.1001/archderm.135.11.1359. PMID: 10566834.

1502: Zhang HY, Kim YS, Cho YE. Thermatomal changes in cervical disc herniations. *Yonsei Med J*. 1999 Oct;40(5):401-12. doi: 10.3349/ymj.1999.40.5.401. PMID: 10565248.

1503: Kim DS, Choi JU, Huh R, Yun PH, Kim DI. Quantitative assessment of cerebrospinal fluid hydrodynamics using a phase-contrast cine MR image in hydrocephalus. *Childs Nerv Syst*. 1999 Sep;15(9):461-7. doi: 10.1007/s003810050440. PMID: 10502007.

1504: Yoon DH, Kim YS, Young W. Therapeutic time window for methylprednisolone in spinal cord injured rat. *Yonsei Med J*. 1999 Aug;40(4):313-20. doi: 10.3349/ymj.1999.40.4.313. PMID: 10487132.

1505: Choi JU, Kim DS, Huh R. Endoscopic approach to arachnoid cyst. *Childs Nerv Syst*. 1999 Jul;15(6-7):285-91. doi: 10.1007/s003810050396. PMID: 10461776.

1506: Kim DS, Oi S, Hidaka M, Sato O, Choi JU. A new experimental model of obstructive hydrocephalus in the rat: the micro-balloon technique. *Childs Nerv Syst*. 1999 May;15(5):250-5. doi: 10.1007/s003810050385. PMID: 10392497.

1507: Yoon PH, Kim DI, Jeon P, Ryu YH, Hwang GJ, Park SJ. Cerebral cavernous malformations: serial magnetic resonance imaging findings in patients with and without gamma knife surgery. *Neurol Med Chir (Tokyo)*. 1998;38 Suppl:255-61. PMID: 10235015.

1508: Lee KC, Joo JY, Lee KS, Shin YS. Recanalization of completely thrombosed giant aneurysm: case report. *Surg Neurol*. 1999 Jan;51(1):94-8. doi: 10.1016/s0090-3019(97)00346-7. PMID: 9952130.

1509: Choi JU, Kim DS. Pathogenesis of arachnoid cyst: congenital or traumatic? *Pediatr Neurosurg*. 1998 Nov;29(5):260-6. doi: 10.1159/000028733. PMID: 9917544.

1510: Park CO. The effects of methylprednisolone on prevention of brain edema after experimental moderate diffuse brain injury in rats-comparison between dosage, injection time, and treatment methods. *Yonsei Med J*. 1998 Oct;39(5):395-403. doi: 10.3349/ymj.1998.39.5.395. PMID: 9821787.

1511: Chung SS, Lee KH, Chang JW, Park YG. Surgical management of intractable epilepsy. *Stereotact Funct Neurosurg*. 1998;70(2-4):81-8. doi: 10.1159/000029602. PMID: 9780403.

1512: Choi JU, Kim DS, Chung SS, Kim TS. Treatment of germ cell tumors in the pineal region. *Childs Nerv Syst*. 1998 Jan-Feb;14(1-2):41-8. doi: 10.1007/s003810050173. PMID: 9548340.

1513: Choi JU, Kim DS, Kim EY, Lee KC. Natural history of moyamoya disease: comparison of activity of daily living in surgery and non surgery groups. *Clin Neurol Neurosurg*. 1997 Oct;99 Suppl 2:S11-8. doi: 10.1016/s0303-8467(97)00033-4. PMID: 9409397.

1514: Park YG, Kim EY, Chang JW, Chung SS. Volume changes following gamma knife radiosurgery of intracranial tumors. *Surg Neurol.* 1997 Nov;48(5):488-93. doi: 10.1016/s0090-3019(97)00186-9. PMID: 9352814.

1515: de Almedia GM, Lee KC, Ciappetta P. Middle cerebral artery aneurysm complicated by tuberculosis. *Surg Neurol.* 1997 Nov;48(5):448-50. doi: 10.1016/s0090-3019(97)00234-6. PMID: 9352807.

1516: Pyen JS, Kim SK, Choi SJ, Park YS, Cho HC, Han YP. The effect of cyclosporin A on the growth of human glioma cell lines. *Arch Pharm Res.* 1997 Aug;20(4):379-83. doi: 10.1007/BF02976205. PMID: 18975184.

1517: Kim DS, Park YG, Choi JU, Chung SS, Lee KC. An analysis of the natural history of cavernous malformations. *Surg Neurol.* 1997 Jul;48(1):9-17; discussion 17-8. doi: 10.1016/s0090-3019(96)00425-9. PMID: 9199678.

1518: Lee KC, Joo JY, Huh JS, Kim TS. Effects of repeated short versus single long episodes of focal ischemia on somatosensory evoked potentials and development of cerebral infarction in cats. *Neurol Med Chir (Tokyo).* 1997 Jun;37(6):447-51; discussion 451-2. doi: 10.2176/nmc.37.447. PMID: 9232095.

1519: Lee KC, Huh SK, Park HS, Shin YS, Lee KS. Management of poor-grade patients with ruptured intracranial aneurysm. *Keio J Med.* 1997 Jun;46(2):69-73. doi: 10.2302/kjm.46.69. PMID: 9212589.

1520: Shin JC, Chung UH, Kim YC, Park CI. Prospective study of microvascular decompression in hemifacial spasm. *Neurosurgery.* 1997 Apr;40(4):730-4; discussion 734-5. doi: 10.1097/00006123-199704000-00013. PMID: 9092846.

1521: Park CO. Diurnal variation in lumbar MRI. Correlation between signal intensity, disc height, and disc bulge. *Yonsei Med J.* 1997 Feb;38(1):8-18. doi: 10.3349/ymj.1997.38.1.8. PMID: 9100478.

1522: Lee KH, Chang JW, Park YG, Chung SS. Microvascular decompression and percutaneous rhizotomy in trigeminal neuralgia. *Stereotact Funct Neurosurg.* 1997;68(1-4 Pt 1):196-9. doi: 10.1159/000099923. PMID: 9711716.

1523: Kim DS, Kim TS, Choi JU. Intradural extramedullary xanthoma of the spine: a rare lesion arising from the dura mater of the spine: case report. *Neurosurgery.* 1996 Jul;39(1):182-5. doi: 10.1097/00006123-199607000-00042. PMID: 8805158.

1524: Park YG, Chang JW, Kim EY, Chung SS. Gamma knife surgery in pituitary microadenomas. *Yonsei Med J.* 1996 Jun;37(3):165-73. doi: 10.3349/ymj.1996.37.3.165. PMID: 8826781.

1525: Lee KC, Joo JY, Lee KS. False localization of rupture by computed tomography in bilateral internal carotid artery aneurysms. *Surg Neurol.* 1996 May;45(5):435-40; discussion 440-1. doi: 10.1016/0090-3019(95)00409-2. PMID: 8629243.

1526: Kim NH, Yang IH. A study of motor and sensory evoked potentials in chronic cauda equina compression of the dog. *Eur Spine J.* 1996;5(5):338-44. doi: 10.1007/BF00304350. PMID: 8915640.

1527: Kim EY, Choi JU, Kim TS, Kim DI, Kim KY. Huge Langerhans cell histiocytosis granuloma of choroid plexus in a child with Hand-Schüller- Christian disease. Case report. *J Neurosurg.* 1995 Dec;83(6):1080-4. doi: 10.3171/jns.1995.83.6.1080. PMID: 7490625.

1528: Park YG, Chung SS, Kim DI, Chang JW, Cho J. Complications following Gamma Knife

radiosurgery. *Stereotact Funct Neurosurg.* 1995;64 Suppl 1:239-48. doi: 10.1159/000098785. PMID: 8584834.

1529: Chung SS, Park YG, Chang JW, Cho J. Long-term follow-up results of stereotactic adrenal medullary transplantation in Parkinson's disease. *Stereotact Funct Neurosurg.* 1994;62(1-4):141-7. doi: 10.1159/000098609. PMID: 7631057.

1530: Chung SS, Kim SH, Yang WI, Choi IJ, Lee WY, Moon JG, Park HS, Shin HS, Kim DS, Ahn YM. Homogenous fetal dopaminergic cell transplantation in rat striatum by cell suspension methods. *Yonsei Med J.* 1993 Jun;34(2):145-51. doi: 10.3349/ymj.1993.34.2.145. PMID: 8379193.

1531: Lee MC. Spasmodic torticollis: medical and botulinum A toxin treatment. *Yonsei Med J.* 1992 Dec;33(4):289-93. doi: 10.3349/ymj.1992.33.4.289. PMID: 1364066.

1532: Park CO, Ha YS. Clinical analysis of 34 diffuse axonal injured (DAI) patients below GCS 8. *Yonsei Med J.* 1992 Dec;33(4):326-36. doi: 10.3349/ymj.1992.33.4.326. PMID: 1309012.

1533: Lee KS, Yang WI. Comparison of brain tumor growth kinetics by proliferating cell nuclear antigen (PCNA) and bromodeoxyuridine (BrdU) labeling. *Yonsei Med J.* 1992 Sep;33(3):265-71. doi: 10.3349/ymj.1992.33.3.265. PMID: 1363339.

1534: Lee KC. Surgery of intracranial aneurysms at Yonsei University: 780 cases. *Keio J Med.* 1991 Mar;40(1):1-5. doi: 10.2302/kjm.40.1. PMID: 2046205.

1535: Lee KC, Park SK, Lee KS. Neurosurgical application of fibrin adhesive. *Yonsei Med J.* 1991 Mar;32(1):53-7. doi: 10.3349/ymj.1991.32.1.53. PMID: 1877255.

1536: Lee HM, Yang KH, Han DY, Kim NH. An experimental study on prevention of postlaminectomy scar formation. *Yonsei Med J.* 1990 Dec;31(4):359-66. doi: 10.3349/ymj.1990.31.4.359. PMID: 2150251.

1537: Kim SH, Chung SS, Yoo SK, Kim WK. Three-dimensional computer simulation of stereotactic surgery. *Stereotact Funct Neurosurg.* 1990;54-55:488-92. doi: 10.1159/000100260. PMID: 2080373.

1538: Chung SS, Kim SH, Yoon DH. Stereotactic transplantation of adrenal medullary tissue in Parkinson's disease. *Stereotact Funct Neurosurg.* 1990;54-55:272-6. doi: 10.1159/000100222. PMID: 2080341.

From:

<https://operativeneurosurgery.com/> - **Operative Neurosurgery**

Permanent link:

https://operativeneurosurgery.com/doku.php?id=yonsei_university

Last update: **2021/05/17 13:12**

