

# Chung Kee Chung

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8849282/publications.pdf>

Version: 2024-02-01

411  
papers

10,658  
citations

38660

50  
h-index

74018

75  
g-index

416  
all docs

416  
docs citations

416  
times ranked

11033  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surgical outcome and prognostic factors of cryptogenic neocortical epilepsy. <i>Annals of Neurology</i> , 2005, 58, 525-532.	2.8	278
2	Predictors of surgical outcome and pathologic considerations in focal cortical dysplasia. <i>Neurology</i> , 2009, 72, 211-216.	1.5	178
3	Correlation between Bone Mineral Density Measured by Dual-Energy X-Ray Absorptiometry and Hounsfield Units Measured by Diagnostic CT in Lumbar Spine. <i>Journal of Korean Neurosurgical Society</i> , 2013, 54, 384.	0.5	176
4	Caffeine-Mediated Inhibition of Calcium Release Channel Inositol 1,4,5-Trisphosphate Receptor Subtype 3 Blocks Glioblastoma Invasion and Extends Survival. <i>Cancer Research</i> , 2010, 70, 1173-1183.	0.4	157
5	Prognostic Factors in Neocortical Epilepsy Surgery: Multivariate Analysis. <i>Epilepsia</i> , 2006, 47, 574-579.	2.6	148
6	Reoperation Rate After Surgery for Lumbar Herniated Intervertebral Disc Disease. <i>Spine</i> , 2013, 38, 581-590.	1.0	148
7	Surgical outcome and prognostic factors of spinal intramedullary ependymomas in adults. <i>Journal of Neuro-Oncology</i> , 2002, 57, 133-139.	1.4	145
8	Frontal lobe epilepsy: Clinical characteristics, surgical outcomes and diagnostic modalities. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2008, 17, 514-523.	0.9	141
9	Factors affecting the quality of life in patients with epilepsy in Seoul, South Korea. <i>Acta Neurologica Scandinavica</i> , 2003, 108, 428-434.	1.0	137
10	Prognostic Factors for the Surgery for Mesial Temporal Lobe Epilepsy: Longitudinal Analysis. <i>Epilepsia</i> , 2005, 46, 1273-1279.	2.6	135
11	Cortical Thickness Reduction in Individuals at Ultra-High-Risk for Psychosis. <i>Schizophrenia Bulletin</i> , 2011, 37, 839-849.	2.3	127
12	Prognostic Factors in Anterior Temporal Lobe Resections for Mesial Temporal Lobe Epilepsy: Multivariate Analysis. <i>Epilepsia</i> , 1999, 40, 1735-1739.	2.6	114
13	Intracranial ganglioglioma: preoperative characteristics and oncologic outcome after surgery. <i>Journal of Neuro-Oncology</i> , 2002, 59, 173-183.	1.4	111
14	Treatment of Spinal Cord Perimedullary Arteriovenous Fistula: Embolization versus Surgery. <i>Neurosurgery</i> , 2005, 56, 224-231.	0.6	111
15	Intramedullary spinal cord astrocytoma in adults: postoperative outcome. <i>Journal of Neuro-Oncology</i> , 2001, 52, 85-94.	1.4	105
16	Long-term outcomes of surgical resection with or without adjuvant radiation therapy for treatment of spinal ependymoma: a retrospective multicenter study by the Korea Spinal Oncology Research Group. <i>Neuro-Oncology</i> , 2013, 15, 921-929.	0.6	101
17	Predicting epileptic seizures from scalp EEG based on attractor state analysis. <i>Computer Methods and Programs in Biomedicine</i> , 2017, 143, 75-87.	2.6	101
18	Parietal Lobe Epilepsy: The Semiology, Yield of Diagnostic Workup, and Surgical Outcome. <i>Epilepsia</i> , 2004, 45, 641-649.	2.6	100

#	ARTICLE	IF	CITATIONS
19	Giant Invasive Spinal Schwannoma. <i>Neurosurgery</i> , 2012, 71, 58-67.	0.6	97
20	Extent of neocortical resection and surgical outcome of epilepsy: Intracranial EEG analysis. <i>Epilepsia</i> , 2010, 51, 1010-1017.	2.6	92
21	Reoperation rate after surgery for lumbar spinal stenosis without spondylolisthesis: a nationwide cohort study. <i>Spine Journal</i> , 2013, 13, 1230-1237.	0.6	92
22	(18)F-FDG PET in localization of frontal lobe epilepsy: comparison of visual and SPM analysis. <i>Journal of Nuclear Medicine</i> , 2002, 43, 1167-74.	2.8	91
23	Pre-Attentive Auditory Processing in Ultra-High-Risk for Schizophrenia with Magnetoencephalography. <i>Biological Psychiatry</i> , 2009, 65, 1071-1078.	0.7	88
24	Pre-surgical evaluation and surgical outcome of 41 patients with non-lesional neocortical epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2002, 11, 184-192.	0.9	85
25	Increased Low- and High-Frequency Oscillatory Activity in the Prefrontal Cortex of Fibromyalgia Patients. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 111.	1.0	85
26	Dysembryoplastic neuroepithelial tumor: radiological findings (including PET, SPECT, and MRS) and surgical strategy. <i>Journal of Neuro-Oncology</i> , 2000, 47, 167-174.	1.4	84
27	The Clinical Usefulness of Ictal Surface EEG in Neocortical Epilepsy. <i>Epilepsia</i> , 2000, 41, 1450-1455.	2.6	80
28	Episodic memory in aspects of large-scale brain networks. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 454.	1.0	79
29	Spinal cord hemangioblastoma: surgical strategy and clinical outcome. <i>Journal of Neuro-Oncology</i> , 2003, 61, 27-34.	1.4	78
30	The efficacy of conventional radiofrequency denervation in patients with chronic low back pain originating from the facet joints: a meta-analysis of randomized controlled trials. <i>Spine Journal</i> , 2017, 17, 1770-1780.	0.6	72
31	Differential features of metabolic abnormalities between medial and lateral temporal lobe epilepsy: quantitative analysis of (18)F-FDG PET using SPM. <i>Journal of Nuclear Medicine</i> , 2003, 44, 1006-12.	2.8	72
32	Strategies of Spinal Fusion on Osteoporotic Spine. <i>Journal of Korean Neurosurgical Society</i> , 2011, 49, 317.	0.5	68
33	Use of diffusion tensor imaging to evaluate weakness. <i>Journal of Neurosurgery</i> , 2007, 106, 111-118.	0.9	67
34	An MEG study of alpha modulation in patients with schizophrenia and in subjects at high risk of developing psychosis. <i>Schizophrenia Research</i> , 2011, 126, 36-42.	1.1	63
35	Minimally invasive cervical foraminotomy and discectomy for laterally located soft disk herniation. <i>European Spine Journal</i> , 2015, 24, 3005-3012.	1.0	63
36	Health Care Burden of Spinal Diseases in the Republic of Korea: Analysis of a Nationwide Database From 2012 Through 2016. <i>Neurospine</i> , 2018, 15, 66-76.	1.1	63

#	ARTICLE	IF	CITATIONS
37	Surgical Outcome of Epilepsy Caused by Cortical Dysplasia. <i>Epilepsia</i> , 2005, 46, 25-29.	2.6	60
38	How reliable are the functional connectivity networks of MEG in resting states?. <i>Journal of Neurophysiology</i> , 2011, 106, 2888-2895.	0.9	60
39	Language lateralization using MEG beta frequency desynchronization during auditory oddball stimulation with one-syllable words. <i>NeuroImage</i> , 2008, 42, 1499-1507.	2.1	59
40	Estimation of the velocity and trajectory of three-dimensional reaching movements from non-invasive magnetoencephalography signals. <i>Journal of Neural Engineering</i> , 2013, 10, 026006.	1.8	59
41	Supratentorial ganglioglioma and epilepsy: postoperative seizure outcome. <i>Journal of Neuro-Oncology</i> , 2002, 57, 59-66.	1.4	58
42	Characteristics of Patients Who Survived < 3 Months or > 2 Years After Surgery for Spinal Metastases: Can We Avoid Inappropriate Patient Selection?. <i>Journal of Clinical Oncology</i> , 2016, 34, 3054-3061.	0.8	58
43	Mesial temporal lobe epilepsy with hippocampal sclerosis is a network disorder with altered cortical hubs. <i>Epilepsia</i> , 2015, 56, 772-779.	2.6	56
44	Surgical Outcome of Spinal Canal Meningiomas. <i>Journal of Korean Neurosurgical Society</i> , 2007, 42, 300.	0.5	56
45	Bone Mineral Density Changes after Ovariectomy in Rats as an Osteopenic Model : Stepwise Description of Double Dorso-Lateral Approach. <i>Journal of Korean Neurosurgical Society</i> , 2010, 48, 309.	0.5	56
46	Early development and progression of heterotopic ossification in cervical total disc replacement. <i>Journal of Neurosurgery: Spine</i> , 2012, 16, 31-36.	0.9	55
47	Changes in Cervical Sagittal Alignment after Single-Level Posterior Percutaneous Endoscopic Cervical Discectomy. <i>Global Spine Journal</i> , 2015, 5, 31-38.	1.2	55
48	Long-term surgical outcomes of temporal lobe epilepsy associated with low-grade brain tumors. <i>Cancer</i> , 2009, 115, 5771-5779.	2.0	54
49	Papillary Glioneuronal Tumors. <i>American Journal of Surgical Pathology</i> , 2011, 35, 1794-1805.	2.1	54
50	Familiarity with, knowledge of, and attitudes toward epilepsy in residents of Seoul, South Korea. <i>Acta Neurologica Scandinavica</i> , 2004, 110, 39-45.	1.0	53
51	Paragangliomas in the cauda equina region: clinicopathologic findings in four cases. <i>Journal of Neuro-Oncology</i> , 2005, 72, 49-55.	1.4	53
52	Surgical treatment for thoracic spinal stenosis. <i>Spinal Cord</i> , 2001, 39, 362-369.	0.9	52
53	Diagnostic Performance of [ 18 F]FDG-PET and Ictal [ 99m Tc]-HMPAO SPECT in Occipital Lobe Epilepsy. <i>Epilepsia</i> , 2001, 42, 1531-1540.	2.6	51
54	Withdrawal of antiepileptic drugs after neocortical epilepsy surgery. <i>Annals of Neurology</i> , 2010, 67, 230-238.	2.8	51

#	ARTICLE	IF	CITATIONS
55	Power spectral aspects of the default mode network in schizophrenia: an MEG study. <i>BMC Neuroscience</i> , 2014, 15, 104.	0.8	51
56	Primary diffuse leptomeningeal glioneuronal tumors. <i>Brain Tumor Pathology</i> , 2015, 32, 49-55.	1.1	51
57	Stereotactic radiosurgery compared with external radiation therapy as a primary treatment in spine metastasis from renal cell carcinoma: a multicenter, matched-pair study. <i>Journal of Neuro-Oncology</i> , 2014, 119, 121-128.	1.4	50
58	Metastatic Spine Tumor Epidemiology: Comparison of Trends in Surgery Across Two Decades and Three Continents. <i>World Neurosurgery</i> , 2018, 114, e809-e817.	0.7	50
59	Surgical Outcome of a Posterior Approach for Large Ventral Intradural Extramedullary Spinal Cord Tumors. <i>Spine</i> , 2011, 36, E531-E537.	1.0	49
60	Clinical Experience of the Dynamic Stabilization System for the Degenerative Spine Disease. <i>Journal of Korean Neurosurgical Society</i> , 2008, 43, 221.	0.5	49
61	Decompression of the spinal subarachnoid space as a solution for syringomyelia without Chiari malformation. <i>Spinal Cord</i> , 2002, 40, 501-506.	0.9	48
62	Iatrogenic spinal epidermoid tumor. A complication of spinal puncture in an adult. <i>Clinical Neurology and Neurosurgery</i> , 2003, 105, 281-285.	0.6	47
63	Resumption of ambulatory status after surgery for nonambulatory patients with epidural spinal metastasis. <i>Spine Journal</i> , 2011, 11, 1015-1023.	0.6	47
64	Autologous Iliac Bone Graft With Anterior Plating Is Advantageous Over the Stand-Alone Cage for Segmental Lordosis in Single-Level Cervical Disc Disease. <i>Neurosurgery</i> , 2013, 72, 257-266.	0.6	47
65	Blocking of irrelevant memories by posterior alpha activity boosts memory encoding. <i>Human Brain Mapping</i> , 2014, 35, 3972-3987.	1.9	47
66	Clinical features and treatment outcomes of the spinal arteriovenous fistulas and malformations. <i>Journal of Neurosurgery: Spine</i> , 2013, 19, 207-216.	0.9	46
67	Less invasive palliative surgery for spinal metastases. <i>Journal of Surgical Oncology</i> , 2013, 108, 499-503.	0.8	45
68	Epidemiological Survey of Ossification of the Posterior Longitudinal Ligament in an Adult Korean Population: Three-dimensional Computed Tomographic Observation of 3,240 Cases. <i>Calcified Tissue International</i> , 2014, 94, 613-620.	1.5	45
69	Spontaneous spinal subdural hematoma with spontaneous resolution. <i>Spinal Cord</i> , 2000, 38, 192-196.	0.9	44
70	Aneurysm at the origin of accessory middle cerebral artery associated with middle cerebral artery aplasia: Case report. <i>World Neurosurgery</i> , 1994, 42, 388-391.	1.3	43
71	Factors related to successful antiepileptic drug withdrawal after anterior temporal lobectomy for medial temporal lobe epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2008, 17, 11-18.	0.9	43
72	Surgical Outcome of Percutaneous Endoscopic Interlaminar Lumbar Discectomy for Recurrent Disk Herniation After Open Discectomy. <i>Journal of Spinal Disorders and Techniques</i> , 2012, 25, E125-E133.	1.8	43

#	ARTICLE	IF	CITATIONS
73	Comparisons of Outcomes After Single or Multilevel Dynamic Stabilization. <i>Journal of Spinal Disorders and Techniques</i> , 2011, 24, 60-67.	1.8	42
74	Aberrant Auditory Processing in Schizophrenia and in Subjects at Ultra-High-Risk for Psychosis. <i>Schizophrenia Bulletin</i> , 2012, 38, 1258-1267.	2.3	42
75	Regional cortical thinning in subjects with high genetic loading for schizophrenia. <i>Schizophrenia Research</i> , 2012, 141, 197-203.	1.1	42
76	Functional connectivity of resting state EEG and symptom severity in patients with post-traumatic stress disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 51, 51-57.	2.5	41
77	Pleomorphic Xanthoastrocytoma: A Developmental Glioneuronal Tumor with Prominent Glioproliferative Changes. <i>Journal of Neuro-Oncology</i> , 2004, 66, 17-27.	1.4	40
78	Cross-Frequency Power Correlations Reveal the Right Superior Temporal Gyrus as a Hub Region During Working Memory Maintenance. <i>Brain Connectivity</i> , 2011, 1, 460-472.	0.8	40
79	Acute intracranial bleeding and recurrence after bur hole craniostomy for chronic subdural hematoma. <i>Journal of Neurosurgery</i> , 2015, 123, 65-74.	0.9	40
80	Risk factor analysis for postoperative urinary retention after surgery for degenerative lumbar spinal stenosis. <i>Spine Journal</i> , 2017, 17, 469-477.	0.6	40
81	Sagittal imbalance in patients with lumbar spinal stenosis and outcomes after simple decompression surgery. <i>Spine Journal</i> , 2017, 17, 175-182.	0.6	40
82	Intramedullary Spinal Cord Ganglioglioma: A Report of Five Cases. <i>Acta Neurochirurgica</i> , 2000, 142, 547-552.	0.9	39
83	Epilepsy with dual pathology: Surgical treatment of cortical dysplasia accompanied by hippocampal sclerosis. <i>Epilepsia</i> , 2010, 51, 1429-1435.	2.6	39
84	Risk factor analysis of the development of new neurological deficits following supplementary motor area resection. <i>Journal of Neurosurgery</i> , 2013, 119, 7-14.	0.9	39
85	Long-term recurrence rates after the removal of spinal meningiomas in relation to Simpson grades. <i>European Spine Journal</i> , 2016, 25, 4025-4032.	1.0	39
86	Postoperative Survival and Ambulatory Outcome in Metastatic Spinal Tumors : Prognostic Factor Analysis. <i>Journal of Korean Neurosurgical Society</i> , 2011, 50, 216.	0.5	39
87	Familiarity with, knowledge of, and attitudes toward epilepsy among teachers in Korean elementary schools. <i>Epilepsy and Behavior</i> , 2010, 17, 183-187.	0.9	38
88	Clinical analysis of thoracic ossified ligamentum flavum without ventral compressive lesion. <i>European Spine Journal</i> , 2011, 20, 216-223.	1.0	38
89	BMP-2 induced early bone formation in spine fusion using rat ovariectomy osteoporosis model. <i>Spine Journal</i> , 2013, 13, 1273-1280.	0.6	37
90	Multimodal intraoperative monitoring during intramedullary spinal cord tumor surgery. <i>Acta Neurochirurgica</i> , 2015, 157, 2149-2155.	0.9	37

#	ARTICLE	IF	CITATIONS
91	The Role of Stereotactic Radiosurgery in Metastasis to the Spine. Journal of Korean Neurosurgical Society, 2012, 51, 1.	0.5	37
92	Parietal Lobe Epilepsy: Surgical Treatment and Outcome. Stereotactic and Functional Neurosurgery, 2004, 82, 175-185.	0.8	36
93	Ictal high-gamma oscillation (60-99 Hz) in intracranial electroencephalography and postoperative seizure outcome in neocortical epilepsy. Clinical Neurophysiology, 2012, 123, 1100-1110.	0.7	36
94	Comparison of MRI features and surgical outcome among the subtypes of focal cortical dysplasia. Seizure: the Journal of the British Epilepsy Association, 2012, 21, 789-794.	0.9	36
95	Long-term outcome of laminectomy for cervical ossification of the posterior longitudinal ligament. Journal of Neurosurgery: Spine, 2013, 18, 465-471.	0.9	36
96	Abnormal functional brain network in epilepsy patients with focal cortical dysplasia. Epilepsy Research, 2014, 108, 1618-1626.	0.8	36
97	Which one is a valuable surrogate for predicting survival between Tomita and Tokuhashi scores in patients with spinal metastases? A meta-analysis for diagnostic test accuracy and individual participant data analysis. Journal of Neuro-Oncology, 2015, 123, 267-275.	1.4	36
98	A nationwide epidemiological study of newly diagnosed spine metastasis in the adult Korean population. Spine Journal, 2016, 16, 937-945.	0.6	36
99	Localization and propagation analysis of ictal source rhythm by electrocorticography. NeuroImage, 2010, 52, 1279-1288.	2.1	35
100	The Effect of Conditional Probability of Chord Progression on Brain Response: An MEG Study. PLoS ONE, 2011, 6, e17337.	1.1	35
101	Altered White Matter Integrity in the Corpus Callosum in Fibromyalgia Patients Identified by Tract-Based Spatial Statistical Analysis. Arthritis and Rheumatology, 2014, 66, 3190-3199.	2.9	35
102	Human temporal lobe epilepsy analyses by tissue proteomics. Hippocampus, 2014, 24, 628-642.	0.9	35
103	Formation of visual memories controlled by gamma power phase-locked to alpha oscillations. Scientific Reports, 2016, 6, 28092.	1.6	35
104	Prediction Accuracy of Common Prognostic Scoring Systems for Metastatic Spine Disease. Spine, 2018, 43, 1678-1684.	1.0	35
105	Post-Laminectomy Kyphosis in Patients with Cervical Ossification of the Posterior Longitudinal Ligament : Does It Cause Neurological Deterioration?. Journal of Korean Neurosurgical Society, 2008, 43, 259.	0.5	35
106	Idiopathic spontaneous spinal subarachnoid hemorrhage. Spinal Cord, 2004, 42, 545-547.	0.9	34
107	Cortico-muscular coherence increases with tremor improvement after deep brain stimulation in Parkinson's disease. NeuroReport, 2009, 20, 1444-1449.	0.6	34
108	Neuropathologic and Clinical Features of Human Medial Temporal Lobe Epilepsy. Journal of Clinical		

#	ARTICLE	IF	CITATIONS
109	Endoscopic Interlaminar Lumbar Discectomy With Splitting of the Ligament Flavum Under Visual Control. <i>Journal of Spinal Disorders and Techniques</i> , 2012, 25, 210-217.	1.8	34
110	Neuroimaging Findings of Cortical Dyslamination with Cytomegaly. <i>Epilepsia</i> , 2001, 42, 850-856.	2.6	33
111	FDG-PET Images Quantified by Probabilistic Atlas of Brain and Surgical Prognosis of Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2002, 43, 1032-1038.	2.6	33
112	Glial Expression of Interleukin-18 and its Receptor After Excitotoxic Damage in the Mouse Hippocampus. <i>Neurochemical Research</i> , 2008, 33, 179-184.	1.6	33
113	Thalamic changes in temporal lobe epilepsy with and without hippocampal sclerosis: A diffusion tensor imaging study. <i>Epilepsy Research</i> , 2010, 90, 21-27.	0.8	33
114	Clinical features and pathological characteristics of amygdala enlargement in mesial temporal lobe epilepsy. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 509-512.	0.8	33
115	The relationship between diabetes and the reoperation rate after lumbar spinal surgery: a nationwide cohort study. <i>Spine Journal</i> , 2015, 15, 866-874.	0.6	33
116	Gene expression profile analyses of cortical dysplasia by cDNA arrays. <i>Epilepsy Research</i> , 2003, 56, 175-183.	0.8	32
117	Remodeling of adjacent spinal alignments following cervical arthroplasty and anterior discectomy and fusion. <i>European Spine Journal</i> , 2012, 21, 322-327.	1.0	32
118	The Surgical Outcome and the Surgical Strategy of Percutaneous Endoscopic Discectomy for Recurrent Disk Herniation. <i>Journal of Spinal Disorders and Techniques</i> , 2014, 27, 415-422.	1.8	32
119	Dynamic stabilization using the Dynesys system versus posterior lumbar interbody fusion for the treatment of degenerative lumbar spinal disease: a clinical and radiological outcomes-based meta-analysis. <i>Neurosurgical Focus</i> , 2016, 40, E7.	1.0	32
120	Astrocytic Expressions of Phosphorylated Akt, GSK3 $\beta$ and CREB Following an Excitotoxic Lesion in the Mouse Hippocampus. <i>Neurochemical Research</i> , 2007, 32, 1460-1468.	1.6	31
121	Disinhibition of the primary somatosensory cortex in patients with fibromyalgia. <i>Pain</i> , 2015, 156, 666-674.	2.0	31
122	Increased Volume of Lumbar Surgeries for Herniated Intervertebral Disc Disease and Cost-Effectiveness Analysis. <i>Spine</i> , 2018, 43, 585-593.	1.0	31
123	Life-Threatening Late Hemorrhage due to Superior Thyroid Artery Dissection After Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2010, 35, E739-E742.	1.0	30
124	Validation of a simple computerized tool for measuring spinal and pelvic parameters. <i>Journal of Neurosurgery: Spine</i> , 2012, 16, 154-162.	0.9	30
125	The Selection of Open or Percutaneous Endoscopic Lumbar Discectomy According to an Age Cut-off Point. <i>Spine</i> , 2015, 40, E1063-E1070.	1.0	30
126	The Long-term Reoperation Rate Following Surgery for Lumbar Herniated Intervertebral Disc Disease. <i>Spine</i> , 2019, 44, 1382-1389.	1.0	30



#	ARTICLE	IF	CITATIONS
127	Characterization of kinesthetic motor imagery compared with visual motor imageries. <i>Scientific Reports</i> , 2021, 11, 3751.	1.6	30
128	Spinal Dural Arteriovenous Fistulas: Clinical Experience with Endovascular Treatment as a Primary Therapeutic Modality. <i>Journal of Korean Neurosurgical Society</i> , 2008, 44, 364.	0.5	30
129	A Nation-Wide Epidemiological Study of Newly Diagnosed Primary Spine Tumor in the Adult Korean Population, 2009-2011. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 195-204.	0.5	30
130	Surgical treatment of delayed epilepsy in hemiconvulsion-hemiplegia-epilepsy syndrome. <i>Neurology</i> , 2008, 70, 2116-2122.	1.5	29
131	Clinicopathological and genetic characteristics of extraventricular neurocytomas. <i>Neuropathology</i> , 2013, 33, 111-121.	0.7	29
132	C1-2 Transarticular Screw Fixation in High-riding Vertebral Artery: Suggestion of New Trajectory. <i>Journal of Spinal Disorders and Techniques</i> , 2007, 20, 499-504.	1.8	28
133	Dural tear and resultant cerebrospinal fluid leaks after cervical spinal trauma. <i>European Spine Journal</i> , 2014, 23, 1772-1776.	1.0	28
134	A study on a robot arm driven by three-dimensional trajectories predicted from non-invasive neural signals. <i>BioMedical Engineering OnLine</i> , 2015, 14, 81.	1.3	28
135	A novel risk calculator to predict outcome after surgery for symptomatic spinal metastases; use of a large prospective patient database to personalise surgical management. <i>European Journal of Cancer</i> , 2019, 107, 28-36.	1.3	28
136	The clinical outcomes after complete surgical resection of intramedullary cavernous angiomas: changes in motor and sensory symptoms. <i>Spinal Cord</i> , 2009, 47, 128-133.	0.9	26
137	Resection frequency map after awake resective surgery for non-lesional neocortical epilepsy involving eloquent areas. <i>Acta Neurochirurgica</i> , 2011, 153, 1739-1749.	0.9	26
138	Preserved high-centrality hubs but efficient network reorganization during eyes-open state compared with eyes-closed resting state: an MEG study. <i>Journal of Neurophysiology</i> , 2014, 111, 1455-1465.	0.9	26
139	Tactile Frequency-Specific High-Gamma Activities in Human Primary and Secondary Somatosensory Cortices. <i>Scientific Reports</i> , 2017, 7, 15442.	1.6	26
140	Comparison of treatment outcomes between 10 and 20 EEG electrode location system-guided and neuronavigation-guided repetitive transcranial magnetic stimulation in chronic tinnitus patients and target localization in the Asian brain. <i>Acta Oto-Laryngologica</i> , 2017, 137, 945-951.	0.3	26
141	Disrupted Resting State Network of Fibromyalgia in Theta frequency. <i>Scientific Reports</i> , 2018, 8, 2064.	1.6	26
142	Epidemiology of Iatrogenic Vertebral Artery Injury in Cervical Spine Surgery: 21 Multicenter Studies. <i>World Neurosurgery</i> , 2019, 126, e1050-e1054.	0.7	26
143	Increased Proportion of Fusion Surgery for Degenerative Lumbar Spondylolisthesis and Changes in Reoperation Rate. <i>Spine</i> , 2019, 44, 346-354.	1.0	25
144	Intradural extramedullary tuberculoma of the spinal cord: a case report. <i>Journal of Korean Medical Science</i> , 2000, 15, 368.	1.1	24

#	ARTICLE	IF	CITATIONS
145	Modulation of somatosensory evoked magnetic fields by intensity of interfering stimuli in human somatosensory cortex: An MEG study. <i>NeuroImage</i> , 2012, 61, 660-669.	2.1	24
146	Cervical extension magnetic resonance imaging in evaluating cervical spondylotic myelopathy. <i>Acta Neurochirurgica</i> , 2014, 156, 259-266.	0.9	24
147	Ascending beta oscillation from finger muscle to sensorimotor cortex contributes to enhanced steady-state isometric contraction in humans. <i>Clinical Neurophysiology</i> , 2014, 125, 2036-2045.	0.7	24
148	Biomechanical characterization of three iliac screw fixation techniques: A finite element study. <i>Journal of Clinical Neuroscience</i> , 2018, 52, 109-114.	0.8	24
149	Direct Stimulation of Human Hippocampus During Verbal Associative Encoding Enhances Subsequent Memory Recollection. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 23.	1.0	24
150	Brain mechanisms in motor control during reaching movements: Transition of functional connectivity according to movement states. <i>Scientific Reports</i> , 2020, 10, 567.	1.6	24
151	Conventional Posterior Approach without Far Lateral Approach for Ventral Foramen Magnum Meningiomas. <i>Journal of Korean Neurosurgical Society</i> , 2013, 54, 373.	0.5	24
152	“Lumbar Degenerative Kyphosis” Is Not Byword for Degenerative Sagittal Imbalance : Time to Replace a Misconception. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 125-129.	0.5	24
153	Early Outcome of Posterior Cervical Endoscopic Discectomy: An Alternative Treatment Choice for Physically/Socially Active Patients. <i>Journal of Korean Medical Science</i> , 2009, 24, 302.	1.1	23
154	Changes in neuropsychological functioning following temporal lobectomy in patients with temporal lobe epilepsy. <i>Neurological Research</i> , 2009, 31, 692-701.	0.6	23
155	Thoracic and lumbar laminoplasty using a translaminar screw: morphometric study and technique. <i>Journal of Neurosurgery: Spine</i> , 2009, 10, 603-609.	0.9	23
156	Surgical Outcome of Spinal Hepatocellular Carcinoma Metastases. <i>Neurosurgery</i> , 2011, 68, 888-896.	0.6	23
157	Changes in Language Pathways in Patients with Temporal Lobe Epilepsy: Diffusion Tensor Imaging Analysis of the Uncinate and Arcuate Fasciculi. <i>World Neurosurgery</i> , 2011, 75, 509-516.	0.7	23
158	The fate of spinal schwannomas following subtotal resection: a retrospective multicenter study by the Korea spinal oncology research group. <i>Journal of Neuro-Oncology</i> , 2013, 114, 345-351.	1.4	23
159	Intramedullary schwannomas: long-term outcomes of ten operated cases. <i>Journal of Neuro-Oncology</i> , 2013, 113, 75-81.	1.4	23
160	Increased Bone Mineral Density and Decreased Prevalence of Osteoporosis in Cervical Ossification of the Posterior Longitudinal Ligament: A Case-Control Study. <i>Calcified Tissue International</i> , 2013, 92, 28-34.	1.5	23
161	Differential Beta-Band Event-Related Desynchronization during Categorical Action Sequence Planning. <i>PLoS ONE</i> , 2013, 8, e59544.	1.1	23
162	Functional Cortical Hubs in the Eyes-Closed Resting Human Brain from an Electrophysiological Perspective Using Magnetoencephalography. <i>PLoS ONE</i> , 2013, 8, e68192.	1.1	23

#	ARTICLE	IF	CITATIONS
163	A Change in Lumbar Sagittal Alignment After Single-level Anterior Lumbar Interbody Fusion for Lumbar Degenerative Spondylolisthesis With Normal Sagittal Balance. <i>Clinical Spine Surgery</i> , 2017, 30, 291-296.	0.7	23
164	Increased Volume of Surgery for Lumbar Spinal Stenosis and Changes in Surgical Methods and Outcomes: A Nationwide Cohort Study with a 5-Year Follow-Up. <i>World Neurosurgery</i> , 2018, 119, e313-e322.	0.7	23
165	Limited utility of interictal apparent diffusion coefficient in the evaluation of hippocampal sclerosis. <i>Acta Neurologica Scandinavica</i> , 2004, 110, 53-58.	1.0	22
166	Spinal subdural hematoma following craniotomy: case report. <i>World Neurosurgery</i> , 2004, 61, 288-292.	1.3	22
167	Primary Intradural Extramedullary Melanoma of the Cervical Spinal Cord. <i>Spine</i> , 2010, 35, E303-E307.	1.0	22
168	The Clinical Implications and Complications of Anterior Versus Posterior Surgery for Multilevel Cervical Ossification of the Posterior Longitudinal Ligament; An Updated Systematic Review and Meta-Analysis. <i>Neurospine</i> , 2019, 16, 530-541.	1.1	22
169	Segmental Kyphosis After Cervical Interbody Fusion With Stand-alone Polyetheretherketone (PEEK) Cages. <i>Journal of Spinal Disorders and Techniques</i> , 2015, 28, E17-E24.	1.8	21
170	Modified iliac screw fixation: technique and clinical application. <i>Acta Neurochirurgica</i> , 2016, 158, 975-980.	0.9	21
171	Short Limited Fusion Versus Long Fusion With Deformity Correction for Spinal Stenosis With Balanced De Novo Degenerative Lumbar Scoliosis. <i>Spine</i> , 2017, 42, E1126-E1132.	1.0	21
172	Adding or repositioning intracranial electrodes during presurgical assessment of neocortical epilepsy: electrographic seizure pattern and surgical outcome. <i>Journal of Neurosurgery</i> , 2004, 100, 463-471.	0.9	20
173	Chromosome 11-Centric Human Proteome Analysis of Human Brain Hippocampus Tissue. <i>Journal of Proteome Research</i> , 2013, 12, 97-105.	1.8	20
174	A longitudinal study to assess the volumetric growth rate of spinal intradural extramedullary tumour diagnosed with schwannoma by magnetic resonance imaging. <i>European Spine Journal</i> , 2015, 24, 2126-2132.	1.0	20
175	The usefulness of a mobile device-based system for patient-reported outcomes in a spine outpatient clinic. <i>Spine Journal</i> , 2016, 16, 843-850.	0.6	20
176	Relationship between cortical resection and visual function after occipital lobe epilepsy surgery. <i>Journal of Neurosurgery</i> , 2018, 129, 524-532.	0.9	20
177	Spinal Cord Subependymoma Surgery : A Multi-Institutional Experience. <i>Journal of Korean Neurosurgical Society</i> , 2018, 61, 233-242.	0.5	20
178	Brain tumors in the mesial temporal lobe: long-term oncological outcome. <i>Neurosurgical Focus</i> , 2009, 27, E5.	1.0	19
179	Speech experience shapes the speechreading network and subsequent deafness facilitates it. <i>Brain</i> , 2009, 132, 2761-2771.	3.7	19
180	Clinical outcomes of conservative management of spinal cord cavernous angiomas. <i>Acta Neurochirurgica</i> , 2013, 155, 1209-1214.	0.9	19

#	ARTICLE	IF	CITATIONS
181	Effectiveness and tolerability of transdermal buprenorphine patches: a multicenter, prospective, open-label study in Asian patients with moderate to severe chronic musculoskeletal pain. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 337.	0.8	19
182	Increased Bone Mineral Density in Cervical or Thoracic Diffuse Idiopathic Skeletal Hyperostosis (DISH): A Case-Control Study. <i>Journal of Clinical Densitometry</i> , 2018, 21, 68-74.	0.5	19
183	Task-dependent effects of intracranial hippocampal stimulation on human memory and hippocampal theta power. <i>Brain Stimulation</i> , 2020, 13, 603-613.	0.7	19
184	Epidemiology of C5 Palsy after Cervical Spine Surgery: A 21-Center Study. <i>Neurospine</i> , 2019, 16, 558-562.	1.1	19
185	The Similarities and Differences between Intracranial and Spinal Ependymomas : A Review from a Genetic Research Perspective. <i>Journal of Korean Neurosurgical Society</i> , 2016, 59, 83.	0.5	19
186	Effect of seizure on hippocampus in mesial temporal lobe epilepsy and neocortical epilepsy: an MRS study. <i>Neuroradiology</i> , 2005, 47, 916-923.	1.1	18
187	Ceruloplasmin is an endogenous protectant against kainate neurotoxicity. <i>Free Radical Biology and Medicine</i> , 2015, 84, 355-372.	1.3	18
188	Radiosurgery Compared with External Radiation Therapy as a Primary Treatment in Spine Metastasis from Hepatocellular Carcinoma : A Multicenter, Matched-Pair Study. <i>Journal of Korean Neurosurgical Society</i> , 2015, 59, 37.	0.5	18
189	Comparison of Cervical Sagittal Alignment and Kinematics after Posterior Full-endoscopic Cervical Foraminotomy and Discectomy According to Preoperative Cervical Alignment. <i>Pain Physician</i> , 2017, 20, 77-87.	0.3	18
190	B-cell dominant lymphocytic primary angiitis of the central nervous system: Four biopsy-proven cases. <i>Neuropathology</i> , 2010, 30, 123-130.	0.7	17
191	EPIDURAL STEROID INJECTION THERAPY FOR LOW BACK PAIN: A META-ANALYSIS. <i>International Journal of Technology Assessment in Health Care</i> , 2013, 29, 244-253.	0.2	17
192	Movement Type Prediction before Its Onset Using Signals from Prefrontal Area: An Electroencephalography Study. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	17
193	Genetic differences on intracranial versus spinal cord ependymal tumors: a meta-analysis of genetic researches. <i>European Spine Journal</i> , 2016, 25, 3942-3951.	1.0	17
194	Effectiveness of deformity-correction surgery for primary degenerative sagittal imbalance: a meta-analysis. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 540-551.	0.9	17
195	The Recovery of Motor Strength after Posterior Percutaneous Endoscopic Cervical Foraminotomy and Discectomy. <i>World Neurosurgery</i> , 2018, 115, e532-e538.	0.7	17
196	The Modified 11-Item Frailty Index and Postoperative Outcomes in Patients Undergoing Lateral Lumbar Interbody Fusion. <i>Spine</i> , 2022, 47, 396-404.	1.0	17
197	Postnatal expressions of non-phosphorylated and phosphorylated neurofilament proteins in the rat hippocampus and the Timm-stained mossy fiber pathway. <i>Brain Research</i> , 1998, 811, 1-9.	1.1	16
198	Thoracic Intramedullary Schwannoma. <i>Journal of Spinal Disorders</i> , 1999, 12, 174-176.	1.1	16

#	ARTICLE	IF	CITATIONS
199	Sclerosing Meningioma: Clinicopathological Study of Four Cases. Journal of Neuro-Oncology, 2004, 68, 169-175.	1.4	16
200	Sagittal spinal alignment in asymptomatic patients over 30 years old in the Korean population. Acta Neurochirurgica, 2017, 159, 1119-1128.	0.9	16
201	Electrophysiological resting-state biomarker for diagnosing mesial temporal lobe epilepsy with hippocampal sclerosis. Epilepsy Research, 2017, 129, 138-145.	0.8	16
202	Comparison of localizing values of various diagnostic tests in non-lesional medial temporal lobe epilepsy. Seizure: the Journal of the British Epilepsy Association, 1999, 8, 465-470.	0.9	15

203

#	ARTICLE	IF	CITATIONS
217	Does Preservation of Ligamentum Flavum in Percutaneous Endoscopic Lumbar Interlaminar Discectomy Improve Clinical Outcomes?. <i>Neurospine</i> , 2019, 16, 113-119.	1.1	14
218	The lateralizing and surgical prognostic value of a single 2-hour EEG in mesial TLE. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2000, 9, 336-339.	0.9	13
219	Cortical laminar disorganization is correlated with severity of the cortical dysplasia and surgical outcome—experience with 150 cases. <i>Epilepsy Research</i> , 2004, 62, 171-178.	0.8	13
220	Robust source analysis of oscillatory motor cortex activity with inherently variable phase delay. <i>NeuroImage</i> , 2007, 37, 518-529.	2.1	13
221	Clinical course of incidental syringomyelia without predisposing pathologies. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 665-668.	0.8	13
222	Neuromagnetic auditory response and its relation to cortical thickness in ultra-high-risk for psychosis. <i>Schizophrenia Research</i> , 2012, 140, 93-98.	1.1	13
223	Magnetoencephalography in Pediatric Lesional Epilepsy Surgery. <i>Journal of Korean Medical Science</i> , 2012, 27, 668.	1.1	13
224	Nationwide epidemiology and healthcare utilization of spine tumor patients in the adult Korean population, 2009–2012. <i>Neuro-Oncology Practice</i> , 2015, 2, 93-100.	1.0	13
225	Impaired pre-attentive auditory processing in fibromyalgia: A mismatch negativity (MMN) study. <i>Clinical Neurophysiology</i> , 2015, 126, 1310-1318.	0.7	13
226	Changes in cervical motion after cervical spinal motion preservation surgery. <i>Acta Neurochirurgica</i> , 2018, 160, 397-404.	0.9	13
227	Postoperative Changes in Moderate to Severe Nonspecific Low Back Pain After Cervical Myelopathy Surgery. <i>World Neurosurgery</i> , 2018, 116, e429-e435.	0.7	13
228	Magnetoencephalography Interictal Spike Clustering in Relation with Surgical Outcome of Cortical Dysplasia. <i>Journal of Korean Neurosurgical Society</i> , 2012, 52, 466.	0.5	13
229	Neurotrophin Receptor Immunoreactivity in Severe Cerebral Cortical Dysplasia. <i>Epilepsia</i> , 2002, 43, 220-226.	2.6	12
230	Pleomorphic xanthoastrocytoma associated with long-standing Taylor-type IIB-focal cortical dysplasia in an adult. <i>Pathology Research and Practice</i> , 2009, 205, 113-117.	1.0	12
231	Increased Bone Mineral Density in Patients With Ossification of the Ligamentum Flavum: A Case-Control Study. <i>Journal of Clinical Densitometry</i> , 2014, 17, 195-199.	0.5	12
232	The time-dependent effect of ibandronate on bone graft remodeling in an ovariectomized rat spinal arthrodesis model. <i>Spine Journal</i> , 2014, 14, 1748-1757.	0.6	12
233	Intraindividual neurophysiological variability in ultra-high-risk for psychosis and schizophrenia patients: single-trial analysis. <i>NPJ Schizophrenia</i> , 2015, 1, 15031.	2.0	12
234	Reoperation rates after posterior lumbar spinal fusion surgery according to preoperative diagnoses: A national population-based cohort study. <i>Clinical Neurology and Neurosurgery</i> , 2019, 184, 105408.	0.6	12

#	ARTICLE	IF	CITATIONS
235	Nonsurgical treatment outcomes for surgical candidates with lumbar disc herniation: a comprehensive cohort study. <i>Scientific Reports</i> , 2021, 11, 3931.	1.6	12
236	Endovascular treatment of medullary bridging vein-draining dural arteriovenous fistulas: foramen magnum vs. craniocervical junction lesions. <i>Neuroradiology</i> , 2022, 64, 333-342.	1.1	12
237	Clinical Outcomes of Single-level Posterior Percutaneous Endoscopic Cervical Foraminotomy for Patients with Less Cervical Lordosis. <i>Journal of Minimally Invasive Spine Surgery and Technique</i> , 2016, 1, 11-17.	0.2	12
238	Lateral Lumbar Interbody Fusion and <i>in Situ</i> Screw Fixation for Rostral Adjacent Segment Stenosis of the Lumbar Spine. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 755-762.	0.5	12
239	The Incidence and Risk Factors for Lumbar or Sciatic Scoliosis in Lumbar Disc Herniation and the Outcomes after Percutaneous Endoscopic Discectomy. <i>Pain Physician</i> , 2015, 18, 555-64.	0.3	12
240	Cerebral dissection from syringomyelia demonstrated using cine magnetic resonance imaging. <i>Journal of Neurosurgery</i> , 2001, 94, 318-321.	0.9	11
241	Surgical approach to anterior compression in the upper thoracic spine. <i>Journal of Neurosurgery: Spine</i> , 2002, 97, 337-442.	0.9	11
242	Transient activation of protein phosphatase 2A induced by electroconvulsive shock in the rat frontal cortex. <i>Neuroscience Letters</i> , 2005, 390, 171-175.	1.0	11
243	Changes in TWIK-related Acid Sensitive K <sup>+</sup> -1 and -3 Channel Expressions from Neurons to Glia in the Hippocampus of Temporal Lobe Epilepsy Patients and Experimental Animal Model. <i>Neurochemical Research</i> , 2011, 36, 2155-2168.	1.6	11
244	High-Accuracy Brain-Machine Interfaces Using Feedback Information. <i>PLoS ONE</i> , 2014, 9, e103539.	1.1	11
245	Usefulness of multiple frequency band source localizations in ictal MEG. <i>Clinical Neurophysiology</i> , 2016, 127, 1049-1056.	0.7	11
246	Causal Inference Network of Genes Related with Bone Metastasis of Breast Cancer and Osteoblasts Using Causal Bayesian Networks. <i>Journal of Bone Metabolism</i> , 2018, 25, 251.	0.5	11
247	Clinical and radiologic outcomes of single-level direct lateral lumbar interbody fusion in patients with osteopenia. <i>Journal of Clinical Neuroscience</i> , 2019, 64, 180-186.	0.8	11
248	Risk Factors for Vertebral, Hip, and Femoral Fractures Among Patients With Parkinson's Disease: A 5-Year Follow-up in Korea. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 617-623.	1.2	11
249	Quantity of Disc Removal and Radiological Outcomes of Percutaneous Endoscopic Lumbar Discectomy. <i>Pain Physician</i> , 2017, 20, E737-E746.	0.3	11
250	Spatiotemporal Gradient of Astrocyte Development in the Chick Optic Tectum: Evidence for Multiple Origins and Migratory Paths of Astrocytes. <i>Neurochemical Research</i> , 2008, 33, 1346-1355.	1.6	10
251	Oscillatory interaction between the hand area of human primary motor cortex and finger muscles during steady-state isometric contraction. <i>Clinical Neurophysiology</i> , 2011, 122, 2246-2253.	0.7	10
252	Localization of MEG pathologic gamma oscillations in adult epilepsy patients with focal cortical dysplasia. <i>NeuroImage: Clinical</i> , 2013, 3, 507-514.	1.4	10



#	ARTICLE	IF	CITATIONS
253	Supratentorial Intracerebral Schwannoma : Its Fate and Proper Management. Journal of Korean Neurosurgical Society, 2013, 54, 340.	0.5	10
254	Minimally Invasive Surgery without Decompression for Hepatocellular Carcinoma Spinal Metastasis with Epidural Spinal Cord Compression Grade 2. Journal of Korean Neurosurgical Society, 2019, 62, 467-475.	0.5	10
255	Kinematic Changes in Swallowing After Surgical Removal of Anterior Cervical Osteophyte Causing Dysphagia: A Case Series. Annals of Rehabilitation Medicine, 2014, 38, 865.	0.6	10
256	Expression of L-Serine Biosynthetic Enzyme 3-Phosphoglycerate Dehydrogenase (Phgdh) and Neutral Amino Acid Transporter ASCT1 Following an Excitotoxic Lesion in the Mouse Hippocampus. Neurochemical Research, 2009, 34, 827-834.	1.6	9
257	Unexpected Seizure Attack in a Patient with Spinal Metastasis Diagnosed as Posterior Reversible Encephalopathy Syndrome. Journal of Korean Neurosurgical Society, 2011, 50, 60.	0.5	9
258	Messages from the Brain Connectivity Regarding Neural Correlates of Consciousness. Experimental Neurobiology, 2012, 21, 113-122.	0.7	9
259	Localization Value of Magnetoencephalography Interictal Spikes in Adult Nonlesional Neocortical Epilepsy. Journal of Korean Medical Science, 2012, 27, 1391.	1.1	9
260	Impaired coupling of local and global functional feedbacks underlies abnormal synchronization and negative symptoms of schizophrenia. BMC Systems Biology, 2013, 7, 30.	3.0	9
261	Bone Fusion Rate in the Thoracic and Lumbar Spine After Laminoplasty With Laminar Screws. Spine, 2014, 39, E1325-E1330.	1.0	9
262	How to address cerebrospinal fluid leakage following ossification of the posterior longitudinal ligament surgery. Journal of Clinical Neuroscience, 2017, 45, 172-179.	0.8	9
263	Gating of memory encoding of time-delayed cross-frequency MEG networks revealed by graph filtration based on persistent homology. Scientific Reports, 2017, 7, 41592.	1.6	9
264	Cross-link is a risk factor for rod fracture at pedicle subtraction osteotomy site: A finite element study. Journal of Clinical Neuroscience, 2019, 66, 246-250.	0.8	9
265	Treatment Outcome of Auditory and Frontal Dual-Site rTMS in Tinnitus Patients and Changes in Magnetoencephalographic Functional Connectivity after rTMS: Double-Blind Randomized Controlled Trial. Audiology and Neuro-Otology, 2019, 24, 293-298.	0.6	9
266	Changes in the medical burden of pyogenic and tuberculous spondylitis between 2007 and 2016: A nationwide cohort study. Journal of Clinical Neuroscience, 2020, 73, 89-93.	0.8	9
267	Functional Reorganization Associated with Semantic Language Processing in Temporal Lobe Epilepsy Patients after Anterior Temporal Lobectomy : A Longitudinal Functional Magnetic Resonance Image Study. Journal of Korean Neurosurgical Society, 2010, 47, 17.	0.5	9
268	Neural correlates of immediate and delayed word recognition memory: An MEG study. Brain Research, 2008, 1240, 132-142.	1.1	8
269	IQGAP1 Expression in Spared CA1 Neurons After an Excitotoxic Lesion in the Mouse Hippocampus. Cellular and Molecular Neurobiology, 2013, 33, 1003-1012.	1.7	8
270	Topographical Risk Factor Analysis of New Neurological Deficits Following Precentral Gyrus Resection. Neurosurgery, 2015, 76, 714-720.	0.6	8



#	ARTICLE	IF	CITATIONS
271	Functional substrate for memory function differences between patients with left and right mesial temporal lobe epilepsy associated with hippocampal sclerosis. <i>Epilepsy and Behavior</i> , 2015, 51, 251-258.	0.9	8
272	Difference in canal encroachment by the fusion mass between anterior cervical discectomy and fusion with bone autograft and anterior plating, and stand-alone cage. <i>Journal of Clinical Neuroscience</i> , 2016, 29, 121-127.	0.8	8
273	Intraoperative Motor-Evoked Potential Disappearance versus Amplitude-Decrement Alarm Criteria		

#	ARTICLE	IF	CITATIONS
289	Accuracy and precision of the spinal instability neoplastic score (SINS) for predicting vertebral compression fractures after radiotherapy in spinal metastases: a meta-analysis. <i>Scientific Reports</i> , 2021, 11, 5553.	1.6	7
290	Posterior-only versus combined anterior-posterior fusion in Scheuermann disease: a systematic review and meta-analysis. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 608-616.	0.9	7
291	The Change of Sagittal Alignment of the Lumbar Spine after Dynesys Stabilization and Proposal of a Refinement. <i>Journal of Korean Neurosurgical Society</i> , 2015, 58, 43.	0.5	7
292	Magnetoencephalography in pediatric epilepsy. <i>Korean Journal of Pediatrics</i> , 2013, 56, 431.	1.9	7
293	A Future of Medical Information System: Establishment of Hospital-oriented Personal Health Record. <i>Journal of the Korean Medical Association</i> , 2009, 52, 1115.	0.1	7
294	Postoperative Longitudinal Outcomes in Patients with Residual Disc Fragments after Percutaneous Endoscopic Lumbar Discectomy. <i>Pain Physician</i> , 2018, 21, E457-E466.	0.3	7
295	Incidence and clinical profile of extra-medial-temporal epilepsy with hippocampal atrophy. <i>Journal of Korean Medical Science</i> , 2001, 16, 95.	1.1	6
296	Chiari I malformation associated with syringomyelia: can foramen magnum decompression lead to restore cervical alignment?. <i>European Spine Journal</i> , 2013, 22, 2520-2525.	1.0	6
297	Effect of peripheral nerve tetanic stimulation on the inter-trial variability and accuracy of transcranial motor-evoked potential in brain surgery. <i>Clinical Neurophysiology</i> , 2016, 127, 2208-2213.	0.7	6
298	Risk Factors and Prognosis for Acute Progression of Myelopathic Symptoms in Patients Ossification of the Posterior Longitudinal Ligament After Minor Trauma. <i>Spine</i> , 2018, 43, E171-E176.	1.0	6
299	Postoperative seizure outcome-guided machine learning for interictal electrocorticography in neocortical epilepsy. <i>Journal of Neurophysiology</i> , 2018, 119, 2265-2275.	0.9	6
300	Repeat decompression and fusions following posterolateral fusion versus posterior/transforaminal lumbar interbody fusion for lumbar spondylosis: a national database study. <i>Scientific Reports</i> , 2019, 9, 4926.	1.6	6
301	Neural basis of episodic memory in the intermediate term after medial temporal lobe resection. <i>Journal of Neurosurgery</i> , 2019, 131, 790-798.	0.9	6
302	Comparison of the use of opioids only and pregabalin add-on for the treatment of neuropathic pain in cervical myelopathy patients: a pilot trial. <i>Scientific Reports</i> , 2020, 10, 8120.	1.6	6
303	Critical area for memory decline after mesial temporal resection in epilepsy patients. <i>Journal of Neurosurgery</i> , 2021, 134, 659-677.	0.9	6
304	Cervical Spine Chondroma Compressing Spinal Cord: A Case Report and Literature Review. <i>Korean Journal of Spine</i> , 2015, 12, 275.	0.9	6
305	The Impact of Menopause on Bone Fusion after the Single-Level Anterior Cervical Discectomy and Fusion. <i>Journal of Korean Neurosurgical Society</i> , 2013, 54, 496.	0.5	6
306	Use of an Ultrasonic Osteotome for Direct Removal of Beak-Type Ossification of Posterior Longitudinal Ligament in the Thoracic Spine. <i>Journal of Korean Neurosurgical Society</i> , 2015, 58, 571.	0.5	6

#	ARTICLE	IF	CITATIONS
307	Structural and functional thalamocortical connectivity study in female fibromyalgia. <i>Scientific Reports</i> , 2021, 11, 23323.	1.6	6
308	Direct medical costs after surgical or nonsurgical treatment for degenerative lumbar spinal disease: A nationwide matched cohort study with a 10-year follow-up. <i>PLoS ONE</i> , 2021, 16, e0260460.	1.1	6
309	Intralaminar dural haematoma developing in the contralateral convexity after temporal lobectomy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1999, 66, 248-249.	0.9	5
310	Differential regulation of FAK and PYK2 tyrosine phosphorylation after electroconvulsive shock in the rat brain. <i>Neuroscience Letters</i> , 2004, 363, 134-138.	1.0	5
311	Ictal spect using an attachable automated injector: clinical usefulness in the prediction of ictal onset zone. <i>Acta Radiologica</i> , 2009, 50, 1160-1168.	0.5	5
312	Atypical cell clusters expressing both neuronal and oligodendrocytic markers: Novel histological pattern of glioneuronal tumors?. <i>Pathology International</i> , 2009, 59, 735-743.	0.6	5
313	Peri-ictal broadband electrocorticographic activities between 1 and 700Hz and seizure onset zones in 18 patients. <i>Clinical Neurophysiology</i> , 2014, 125, 1731-1743.	0.7	5
314	Longitudinal changes in seizure outcomes after resection of cerebral cavernous malformations in patients presenting with seizures: a long-term follow-up of 46 patients. <i>Acta Neurochirurgica</i> , 2014, 156, 1539-1547.	0.9	5
315	Risk Prediction for Development of Traumatic Cervical Spinal Cord Injury without Spinal Instability. <i>Global Spine Journal</i> , 2015, 5, 315-321.	1.2	5
316	The Use Fibrin Sealant after Spinal Intradural Tumor Surgery: Is It Necessary?. <i>Korean Journal of Spine</i> , 2016, 13, 24.	0.9	5
317	The patient-reported outcome of chronic pain after the harvest of anterior iliac bone for anterior cervical arthrodesis. <i>Journal of Clinical Neuroscience</i> , 2017, 36, 102-107.	0.8	5
318	A Nationwide Study of Stereotactic Radiosurgery in a Newly Diagnosed Spine Metastasis Population. <i>Stereotactic and Functional Neurosurgery</i> , 2017, 95, 189-196.	0.8	5
319	Characterization of brain network supporting episodic memory in the absence of one medial temporal lobe. <i>Human Brain Mapping</i> , 2019, 40, 2188-2199.	1.9	5
320	Long-Term Effect of Diabetes on Reoperation After Lumbar Spinal Surgery: A Nationwide Population-Based Sample Cohort Study. <i>World Neurosurgery</i> , 2020, 139, e439-e448.	0.7	5
321	Treatment strategy to maximize the treatment outcome of spinal dural arteriovenous fistula after initial endovascular embolization attempt at diagnostic angiography. <i>Scientific Reports</i> , 2021, 11, 10004.	1.6	5
322	Unveiling the genetic variation of severe continuous/mixed-type ossification of the posterior longitudinal ligament by whole-exome sequencing and bioinformatic analysis. <i>Spine Journal</i> , 2021, 21, 1847-1856.	0.6	5
323	Preoperative Weakness and Demyelination of the Corticospinal Tract in Meningioma Patients : Changes in Diffusion Parameters Using Diffusion Tensor Imaging. <i>Journal of Korean Neurosurgical Society</i> , 2014, 55, 267.	0.5	5
324	Difference in Spinal Fusion Process in Osteopenic and Nonosteopenic Living Rat Models Using Serial Microcomputed Tomography. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 348-354.	0.5	5

#	ARTICLE	IF	CITATIONS
325	A Nationwide Study of Surgery in a Newly Diagnosed Spine Metastasis Population. Journal of Korean Neurosurgical Society, 2019, 62, 46-52.	0.5	5
326	Diagnostic triage in patients with central lumbar spinal stenosis using a deep learning system of radiographs. Journal of Neurosurgery: Spine, 2022, 37, 104-111.	0.9	5
327	Interlaminar Endoscopic Lumbar Discectomy: A Narrative Review. International Journal of Spine Surgery, 2021, 15, S47-S53.	0.7	5
328	Localization of Broca's Area Using Functional MR Imaging: Quantitative Evaluation of Paradigms. Journal of Korean Neurosurgical Society, 2009, 45, 219.	0.5	4
329	An Extensive Intramedullary Epidermoid Cyst with a Longstanding History of Paraplegia: A Case Report. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2013, 74, e1-e3.	0.4	4
330	A Study on Decoding Models for the Reconstruction of Hand Trajectories from the Human Magnetoencephalography. BioMed Research International, 2014, 2014, 1-8.	0.9	4
331	Quantitative peri-ictal electrocorticography and long-term seizure outcomes in temporal lobe epilepsy. Epilepsy Research, 2015, 109, 169-182.	0.8	4
332	Is There an Association Between Mismatch Negativity and Cortical Thickness in Schizophrenia Patients?. Clinical EEG and Neuroscience, 2017, 48, 383-392.	0.9	4
333	The Formation of Extragraft Bone Bridging after Anterior Cervical Discectomy and Fusion : A Finite Element Analysis. Journal of Korean Neurosurgical Society, 2017, 60, 611-619.	0.5	4
334	Is NF2 a Key Player of the Differentially Expressed Gene Between Spinal Cord Ependymoma and Intracranial Ependymoma?. World Neurosurgery, 2018, 118, e906-e917.	0.7	4
335	Clinical practice guidelines or clinical research guidelines?. Clinical Neurophysiology, 2018, 129, 2054-2055.	0.7	4
336	Change in left inferior frontal connectivity with less unexpected harmonic cadence by musical expertise. PLoS ONE, 2019, 14, e0223283.	1.1	4
337	Prognosis of Symptomatic Pseudarthrosis Observed at 1 Year After Lateral Lumbar Interbody Fusion. Spine, 2021, 46, E1006-E1013.	1.0	4
338	Reoperations after fusion surgeries for degenerative spinal diseases depending on cervical and lumbar regions: a national database study. BMC Musculoskeletal Disorders, 2021, 22, 617.	0.8	4
339	Risk of rod fracture according to cross-link position in pedicle subtraction osteotomy (PSO): A finite element study. Journal of Clinical Neuroscience, 2020, 73, 304-307.	0.8	4
340	Intraoperative Radiographs in Single-level Lateral Lumbar Interbody Fusion Can Predict Radiographic and Clinical Outcomes of Follow-up 2 Years After Surgery. Spine, 2021, 46, 772-780.	1.0	4
341	Surgical Outcome of Adult Idiopathic Chiari Malformation Type 1. Journal of Korean Neurosurgical Society, 2016, 59, 512.	0.5	4
342	Clinical Relevance of Interictal Spikes in Tumor-Related Epilepsy: An Elocorticographic Study. Journal of Epilepsy Research, 2019, 9, 126-133.	0.1	4

#	ARTICLE	IF	CITATIONS
343	Parietal and medial temporal lobe interactions in working memory goal-directed behavior. <i>Cortex</i> , 2022, 150, 126-136.	1.1	4
344	Brain parenchymal angiomatoid fibrous histiocytoma and spinal myxoid mesenchymal tumor with <i>CREB1</i> fusion, a spectrum of the same tumor type. <i>Neuropathology</i> , 2022, 42, 257-268.	0.7	4
345	Genetic Odyssey to Ossification of the Posterior Longitudinal Ligament in the Cervical Spine: A Systematic Review. <i>Neurospine</i> , 2022, 19, 299-306.	1.1	4
346	Holocord myelopathy with thoracic stenosis: case report and hypothesis. <i>Spinal Cord</i> , 2003, 41, 696-699.	0.9	3
347	Expression of Transferrin Binding Protein in the Capillaries of the Brain in the Developing Chick Embryo. <i>Neurochemical Research</i> , 2008, 33, 2288-2293.	1.6	3
348	Regional thinning of cerebral cortical thickness in first-episode and chronic schizophrenia. <i>International Journal of Imaging Systems and Technology</i> , 2012, 22, 73-80.	2.7	3
349	Prediction of Successful Memory Encoding Based on Lateral Temporal Cortical Gamma Power. <i>Frontiers in Neuroscience</i> , 2021, 15, 517316.	1.4	3
350	Dynamic Functional Connectivity Change-Point Detection With Random Matrix Theory Inference. <i>Frontiers in Neuroscience</i> , 2021, 15, 565029.	1.4	3
351	Effects of Total Psoas Area Index on Surgical Outcomes of Single-Level Lateral Lumbar Interbody Fusion. <i>World Neurosurgery</i> , 2021, 154, e838-e845.	0.7	3
352	Comparison of Operating Time between Stand-alone Cage and a Standard Method for a Single Level Cervical Disc Disease. <i>Korean Journal of Spine</i> , 2012, 9, 12.	0.9	3
353	Screw loosening and Migration after Dynesys Implantation. <i>Korean Journal of Spine</i> , 2012, 9, 300.	0.9	3
354	A New Measure for Monitoring Intraoperative Somatosensory Evoked Potentials. <i>Journal of Korean Neurosurgical Society</i> , 2014, 56, 455.	0.5	3
355	Delayed Diagnosis of Probable Radiation Induced Spinal Cord Vascular Disorders. <i>Journal of Korean Neurosurgical Society</i> , 2015, 57, 215.	0.5	3
356	Longitudinal clinical outcomes after full-endoscopic lumbar discectomy for recurrent disc herniation after open discectomy. <i>Journal of Clinical Neuroscience</i> , 2020, 72, 124-129.	0.8	3
357	The Efficacy of Lumbar Hybrid Fusion for the Prevention of Adjacent Segment Disease. <i>Clinical Spine Surgery</i> , 2021, 34, 260-268.	0.7	3
358	Validity of magnetic resonance imaging (MRI) in the primary spinal cord tumors in routine clinical setting. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
359	Circumferential Spinal Cord Decompression Through a Posterior Midline Approach With Lateral Auxiliary Ports for Lower Thoracic Compressive Myelopathy. <i>Operative Neurosurgery</i> , 2012, 70, ons221-ons229.	0.4	2
360	Decoding three-dimensional arm movements for brain-machine interface. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
361	Neurologic Outcome After Resection of Parietal Lobe Including Primary Somatosensory Cortex: Implications of Additional Resection of Posterior Parietal Cortex. <i>World Neurosurgery</i> , 2017, 106, 884-890.	0.7	2
362	Nationwide comparative study of synchronous and metachronous spine metastasis in the adult Korean population. <i>Journal of Clinical Neuroscience</i> , 2018, 57, 33-37.	0.8	2
363	A prospective study of non-surgical versus surgical treatment for lumbar spinal stenosis without instability. <i>Journal of Clinical Neuroscience</i> , 2020, 80, 100-107.	0.8	2
364	Dynamic Frequency and Multi-site Cortical Stimulation for Inducing Artificial Somatosensation: A Preliminary Study. , 2021, , .		2
365	Surgical treatment of nonlesional temporal lobe epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 86, 129-134.	0.9	2
366	Overexpressions of Vimentin and Integrins in Human Metastatic Spine Tumors. <i>Journal of Korean Neurosurgical Society</i> , 2015, 57, 329.	0.5	2
367	Instrumentation Failure after Partial Corpectomy with Instrumentation of a Metastatic Spine. <i>Journal of Korean Neurosurgical Society</i> , 2018, 61, 415-423.	0.5	2
368	Mechanical Failure After Total En Bloc Spondylectomy and Salvage Surgery. <i>Neurospine</i> , 2022, 19, 146-154.	1.1	2
369	Distribution-based minimum-norm estimation with multiple trials. <i>Computers in Biology and Medicine</i> , 2008, 38, 1203-1210.	3.9	1
370	Treatment of Epilepsy Associated with Brain Tumors. <i>Journal of the Korean Medical Association</i> , 2010, 53, 603.	0.1	1
371	Cognitive Function of Korean Neurosurgical Patients: Cross-sectional Study Using the Korean Version of the Mini-mental Status Examination. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2012, 14, 11.	0.2	1
372	Macroscopic Neural Oscillation during Skilled Reaching Movements in Humans. <i>Computational Intelligence and Neuroscience</i> , 2016, 2016, 1-8.	1.1	1
373	User-state Prediction using Brain Connectivity. , 2019, , .		1
374	Clinical and radiological outcomes of C3-C6 laminoplasty with C7 dome-like laminectomy. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2019, 15, 47-52.	0.2	1
375	Macroscopic Aspects of Bi-directional BCI in Human. , 2020, , .		1
376	Correction: Changes in the medical burden of pyogenic and tuberculous spondylitis between 2007 and 2016: A nationwide cohort study. <i>Journal of Clinical Neuroscience</i> , 2020, 78, 347-352.	0.8	1
377	Increased fronto-temporal connectivity by modified melody in real music. <i>PLoS ONE</i> , 2020, 15, e0235770.	1.1	1
378	How to Approach Anatomical Compartment: Intradural Pial-Extrapial Tumor. , 2021, , 111-120.		1

#	ARTICLE	IF	CITATIONS
379	How to Approach Anatomical Compartment: Intradural Extra-arachnoidal Tumor. , 2021, , 91-98.		1
380	Surgical Treatment of Epilepsy. Journal of the Korean Medical Association, 2008, 51, 262.	0.1	1
381	Toward Brain Connectivity in Epilepsy Using MEG. , 2019, , 1059-1066.		1
382	Serial Magnetic Resonance Imaging Findings for a Spontaneously Resolving Spinal Subdural Hematoma: Case Report. Neurosurgery, 1998, 43, 1495-1495.	0.6	0
383	Authors'™ response to the Schaller's™ comment, "How eloquent is eloquent?" Acta Neurochirurgica, 2012, 154, 371-372.	0.9	0
384	Classifying ECoG signals prior to voluntary movement onset. , 2013, , .		0
385	A high-performance brain-machine interface (BMI) using image information. , 2014, , .		0
386	Movement prediction with sensory feedback and environmental interaction. , 2014, , .		0
387	Common neural mechanism for reaching movements. , 2016, , .		0
388	Intraoperative Common Carotid Artery Injury during Ventriculoperitoneal Shunt Surgery. Journal of Cerebrovascular and Endovascular Neurosurgery, 2017, 19, 117.	0.2	0
389	Response to "Neck pain and proprioception deficit influence the cervical motion assessed by instantaneous axis of rotation" Acta Neurochirurgica, 2018, 160, 1267-1267.	0.9	0
390	Interference in tactile discrimination performance by neuronal modulation. , 2019, , .		0
391	Longitudinal change of cervical artificial disc motion following replacement. PLoS ONE, 2020, 15, e0228628.	1.1	0
392	Anatomical Compartment of Spinal Cord Tumors with Anatomical Classification. , 2021, , 41-54.		0
393	How to Approach Anatomical Compartment; Intrapial Intra-axial Tumor. , 2021, , 121-129.		0
394	How to Approach Anatomical Compartment: Intradural Sub-arachnoidal Tumor. , 2021, , 99-110.		0
395	How to Approach Anatomical Compartment; Intrapial Intra-Ependymal Tumor. , 2021, , 131-139.		0
396	C7 Fracture as a Complication of C7 Dome-Like Laminectomy : Impact on Clinical and Radiological Outcomes and Evaluation of the Risk Factors. Journal of Korean Neurosurgical Society, 2021, 64, 575-584.	0.5	0

#	ARTICLE	IF	CITATIONS
397	Dissociation of Connectivity for Syntactic Irregularity and Perceptual Ambiguity in Musical Chord Stimuli. <i>Frontiers in Neuroscience</i> , 2021, 15, 693629.	1.4	0
398	Results of Representative Tumor Surgery of Each Anatomical Compartment. , 2021, , 175-179.		0
399	Change of Pain Score for One Month after Endoscopic Lumbar Discectomy in Patients Who Showed Substantial Improvement of Pain and Who Did Not at Postoperative One Day. <i>Korean Journal of Spine</i> , 2011, 8, 97.	0.9	0
400	Towards Brain Connectivity in Epilepsy Using MEG. , 2014, , 843-848.		0
401	Cortical Activity Measured with EEG during Stepping on a Recumbent Stepper. <i>Brain &amp; Neurorehabilitation</i> , 2015, 8, 39.	0.4	0
402	An Electrode Configuration for Recording Muscle Motor Evoked Potentials in the Upper Extremities during Intraoperative Neurophysiological Monitoring. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 475-480.	0.5	0
403	Toward Brain Connectivity in Epilepsy Using MEG. , 2019, , 1-8.		0
404	Posteriorly Approached Cervical Endoscopy. , 2020, , 43-55.		0
405	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
406	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
407	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
408	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
409	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
410	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
411	Association of pyogenic spondylitis with congestive heart failure in Korea: a nationwide longitudinal cohort study. <i>Daehan Noin Sin'gyeong Oe'gwa Haghoeji</i> , 0, , .	0.1	0