

Chi Heon Kim

List of Publications by Year in descending order

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Version: 2024-02-01

161
papers

3,200
citations

136950

32
h-index

223800

46
g-index

161
all docs

161
docs citations

161
times ranked

3259
citing authors

#	ARTICLE	IF	CITATIONS
1	The Modified 11-Item Frailty Index and Postoperative Outcomes in Patients Undergoing Lateral Lumbar Interbody Fusion. <i>Spine</i> , 2022, 47, 396-404.	2.0	17
2	Diagnostic triage in patients with central lumbar spinal stenosis using a deep learning system of radiographs. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 104-111.	1.7	5
3	Mechanical Failure After Total En Bloc Spondylectomy and Salvage Surgery. <i>Neurospine</i> , 2022, 19, 146-154.	2.9	2
4	Another Milestone for Spinal Intramedullary Tumor Treatment. <i>Neurospine</i> , 2022, 19, 30-31.	2.9	0
5	Validity of magnetic resonance imaging (MRI) in the primary spinal cord tumors in routine clinical setting. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
6	Comparison of minimally invasive and open TLIF outcomes with more than seven years of follow-up. <i>North American Spine Society Journal (NASS)</i> , 2022, 11, 100131.	0.5	6
7	Genetic Odyssey to Ossification of the Posterior Longitudinal Ligament in the Cervical Spine: A Systematic Review. <i>Neurospine</i> , 2022, 19, 299-306.	2.9	4
8	Autologous Stem Cells in Cervical Spine Fusion. <i>Global Spine Journal</i> , 2021, 11, 950-965.	2.3	3
9	Use of Autologous Stem Cells in Lumbar Spinal Fusion: A Systematic Review of Current Clinical Evidence. <i>Global Spine Journal</i> , 2021, 11, 1281-1298.	2.3	3
10	Nonsurgical treatment outcomes for surgical candidates with lumbar disc herniation: a comprehensive cohort study. <i>Scientific Reports</i> , 2021, 11, 3931.	3.3	12
11	Prognosis of Symptomatic Pseudarthrosis Observed at 1 Year After Lateral Lumbar Interbody Fusion. <i>Spine</i> , 2021, 46, E1006-E1013.	2.0	4
12	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.	3.3	7
13	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.	1.7	7
14	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.	3.3	5
15	C7 Fracture as a Complication of C7 Dome-Like Laminectomy : Impact on Clinical and Radiological Outcomes and Evaluation of the Risk Factors. <i>Journal of Korean Neurosurgical Society</i> , 2021, 64, 575-584.	1.2	0
16	Reoperations after fusion surgeries for degenerative spinal diseases depending on cervical and lumbar regions: a national database study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 617.	1.9	4
17	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.	1.3	5
18	Effects of Total Psoas Area Index on Surgical Outcomes of Single-Level Lateral Lumbar Interbody Fusion. <i>World Neurosurgery</i> , 2021, 154, e838-e845.	1.3	3

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19	Intraoperative Radiographs in Single-level Lateral Lumbar Interbody Fusion Can Predict Radiographic and Clinical Outcomes of Follow-up 2 Years After Surgery. <i>Spine</i> , 2021, 46, 772-780.	2.0	4
20	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.	2.5	6
21	The Efficacy of Lumbar Hybrid Fusion for the Prevention of Adjacent Segment Disease. <i>Clinical Spine Surgery</i> , 2021, 34, 260-268.	1.3	3
22	Interlaminar Endoscopic Lumbar Discectomy: A Narrative Review. <i>International Journal of Spine Surgery</i> , 2021, 15, S47-S53.	1.5	5
23	The Efficacy of Ultrasonic Bone Scalpel for Unilateral Cervical Open-Door Laminoplasty: A Randomized Controlled Trial. <i>Neurosurgery</i> , 2020, 86, 825-834.	1.1	15
24	Structural Allograft Versus PEEK Implants in Anterior Cervical Discectomy and Fusion: A Systematic Review. <i>Global Spine Journal</i> , 2020, 10, 775-783.	2.3	17
25	Development of AOSpine BOnE (Bone Osteobiologics and Evidence) Classification. <i>Global Spine Journal</i> , 2020, 10, 871-874.	2.3	6
26	The Effect of an Educational and Interactive Informed Consent Process on Patients With Cervical Spondylotic Myelopathy Caused by Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2020, 45, 193-200.	2.0	8
27	The Long-term Reoperation Rate Following Surgery for Lumbar Stenosis. <i>Spine</i> , 2020, 45, 1277-1284.	2.0	8
28	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.	1.3	5
29	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.	1.5	2
30	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.	3.3	6
31	Comparison of Minimally Invasive Versus Open Transforaminal Interbody Lumbar Fusion. <i>Global Spine Journal</i> , 2020, 10, 143S-150S.	2.3	50
32	Longitudinal change of cervical artificial disc motion following replacement. <i>PLoS ONE</i> , 2020, 15, e0228628.	2.5	0
33	Chronic Hyperglycemia before Spinal Cord Injury Increases Inflammatory Reaction and Astrogliosis after Injury: Human and Rat Studies. <i>Journal of Neurotrauma</i> , 2020, 37, 1165-1181.	3.4	10
34	Posteriorly Approached Cervical Endoscopy. , 2020, , 43-55.		0
35	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.	1.5	3
36	Surgical Timing in Lumbar Disc Herniation Surgery. <i>Neurospine</i> , 2020, 17, 213-214.	2.9	1

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37	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
38	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
39	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
40	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
41	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
42	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
43	Risk factors for cage migration and cage retropulsion following transforaminal lumbar interbody fusion. Spine Journal, 2019, 19, 437-447.	1.3	77
44	Reoperation rates after posterior lumbar spinal fusion surgery according to preoperative diagnoses: A national population-based cohort study. Clinical Neurology and Neurosurgery, 2019, 184, 105408.	1.4	12
45	Effect of curcumin on the inflammatory reaction and functional recovery after spinal cord injury in a hyperglycemic rat model. Spine Journal, 2019, 19, 2025-2039.	1.3	32
46	Repeat decompression and fusions following posterolateral fusion versus posterior/transforaminal lumbar interbody fusion for lumbar spondylosis: a national database study. Scientific Reports, 2019, 9, 4926.	3.3	6
47	Clinical and radiologic outcomes of single-level direct lateral lumbar interbody fusion in patients with osteopenia. Journal of Clinical Neuroscience, 2019, 64, 180-186.	1.5	11
48	Increased Proportion of Fusion Surgery for Degenerative Lumbar Spondylolisthesis and Changes in Reoperation Rate. Spine, 2019, 44, 346-354.	2.0	25
49	The Long-term Reoperation Rate Following Surgery for Lumbar Herniated Intervertebral Disc Disease. Spine, 2019, 44, 1382-1389.	2.0	30
50	Clinical and radiological outcomes of C3â€“C6 laminoplasty with C7 dome-like laminectomy. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2019, 15, 47-52.	0.3	1
51	Does Preservation of Ligamentum Flavum in Percutaneous Endoscopic Lumbar Interlaminar Discectomy Improve Clinical Outcomes?. Neurospine, 2019, 16, 113-119.	2.9	14
52	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. Neurospine, 2019, 16, 530-541.	2.9	22
53	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.	1.2	10
54	In Response to Letter Re: Postoperative Longitudinal Outcomes in Patients with Residual Disc Fragments. Pain Physician, 2019, 22, E238-E240.	0.4	0

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55	Response to "Neck pain and proprioception deficit influence the cervical motion assessed by instantaneous axis of rotation". <i>Acta Neurochirurgica</i> , 2018, 160, 1267-1267.	1.7	0
56	Relationships between vitamin D and paraspinal muscle: human data and experimental rat model analysis. <i>Spine Journal</i> , 2018, 18, 1053-1061.	1.3	23
57	The Recovery of Motor Strength after Posterior Percutaneous Endoscopic Cervical Foraminotomy and Discectomy. <i>World Neurosurgery</i> , 2018, 115, e532-e538.	1.3	17
58	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.	2.0	6
59	Changes in cervical motion after cervical spinal motion preservation surgery. <i>Acta Neurochirurgica</i> , 2018, 160, 397-404.	1.7	13
60	Increased Volume of Lumbar Surgeries for Herniated Intervertebral Disc Disease and Cost-Effectiveness Analysis. <i>Spine</i> , 2018, 43, 585-593.	2.0	31
61	Postoperative Changes in Moderate to Severe Nonspecific Low Back Pain After Cervical Myelopathy Surgery. <i>World Neurosurgery</i> , 2018, 116, e429-e435.	1.3	13
62	Efficacy and Safety of Full-endoscopic Decompression via Interlaminar Approach for Central or Lateral Recess Spinal Stenosis of the Lumbar Spine. <i>Spine</i> , 2018, 43, 1756-1764.	2.0	88
63	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.	1.3	23
64	Biological Effect of Fibronectin Type III RGD ¹⁰ and 17 ¹² -Estradiol on the Adhesion and Osteogenic Differentiation of Mesenchymal Stem Cells Isolated from Rats. <i>Journal of Biomaterials and Tissue Engineering</i> , 2018, 8, 1270-1278.	0.1	1
65	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.	2.9	63
66	Curcumin Increase the Expression of Neural Stem/Progenitor Cells and Improves Functional Recovery after Spinal Cord Injury. <i>Journal of Korean Neurosurgical Society</i> , 2018, 61, 10-18.	1.2	15
67	Instrumentation Failure after Partial Corpectomy with Instrumentation of a Metastatic Spine. <i>Journal of Korean Neurosurgical Society</i> , 2018, 61, 415-423.	1.2	2
68	Postoperative Longitudinal Outcomes in Patients with Residual Disc Fragments after Percutaneous Endoscopic Lumbar Discectomy. <i>Pain Physician</i> , 2018, 1, E457-E466.	0.4	2
69	Postoperative Longitudinal Outcomes in Patients with Residual Disc Fragments after Percutaneous Endoscopic Lumbar Discectomy. <i>Pain Physician</i> , 2018, 21, E457-E466.	0.4	7
70	Risk factor analysis for postoperative urinary retention after surgery for degenerative lumbar spinal stenosis. <i>Spine Journal</i> , 2017, 17, 469-477.	1.3	40
71	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.	1.3	23
72	How to address cerebrospinal fluid leakage following ossification of the posterior longitudinal ligament surgery. <i>Journal of Clinical Neuroscience</i> , 2017, 45, 172-179.	1.5	9

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73	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.	1.3	72
74	Biomechanical effects of hybrid stabilization on the risk of proximal adjacent-segment degeneration following lumbar spinal fusion using an interspinous device or a pedicle screw-based dynamic fixator. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 643-649.	1.7	33
75	Effectiveness of deformity-correction surgery for primary degenerative sagittal imbalance: a meta-analysis. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 540-551.	1.7	17
76	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.	2.0	21
77	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.	1.5	5
78	Sagittal imbalance in patients with lumbar spinal stenosis and outcomes after simple decompression surgery. <i>Spine Journal</i> , 2017, 17, 175-182.	1.3	40
79	Changes in HbA 1c levels and body mass index after successful decompression surgery in patients with type 2 diabetes mellitus and lumbar spinal stenosis: results of a 2-year follow-up study. <i>Spine Journal</i> , 2017, 17, 203-210.	1.3	16
80	The Formation of Extragraft Bone Bridging after Anterior Cervical Discectomy and Fusion : A Finite Element Analysis. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 611-619.	1.2	4
81	Intraoperative Motor-Evoked Potential Disappearance versus Amplitude-Decrement Alarm Criteria		

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91	Long-term recurrence rates after the removal of spinal meningiomas in relation to Simpson grades. <i>European Spine Journal</i> , 2016, 25, 4025-4032.	2.2	39
92	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.	1.5	8
93	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.	1.3	20
94	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.	2.3	32
95	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.	0.7	12
96	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.	1.2	19
97	Surgical Outcome of Adult Idiopathic Chiari Malformation Type 1. <i>Journal of Korean Neurosurgical Society</i> , 2016, 59, 512.	1.2	4
98	Topographical Risk Factor Analysis of New Neurological Deficits Following Precentral Gyrus Resection. <i>Neurosurgery</i> , 2015, 76, 714-720.	1.1	8
99	The Selection of Open or Percutaneous Endoscopic Lumbar Discectomy According to an Age Cut-off Point. <i>Spine</i> , 2015, 40, E1063-E1070.	2.0	30
100	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. <i>Journal of Neuro-Oncology</i> , 2015, 123, 267-275.	2.9	36
101	Acute intracranial bleeding and recurrence after bur hole craniostomy for chronic subdural hematoma. <i>Journal of Neurosurgery</i> , 2015, 123, 65-74.	1.6	40
102	The relationship between diabetes and the reoperation rate after lumbar spinal surgery: a nationwide cohort study. <i>Spine Journal</i> , 2015, 15, 866-874.	1.3	33
103	Intraoperative electrophysiological monitoring during posterior craniocervical distraction and realignment for congenital craniocervical anomaly. <i>European Spine Journal</i> , 2015, 24, 671-678.	2.2	14
104	Segmental Kyphosis After Cervical Interbody Fusion With Stand-alone Polyetheretherketone (PEEK) Cages. <i>Journal of Spinal Disorders and Techniques</i> , 2015, 28, E17-E24.	1.9	21
105	Risk Factor Analysis of Hinge Fusion Failure after Plate-Only Open-Door Laminoplasty. <i>Global Spine Journal</i> , 2015, 5, 9-15.	2.3	14
106	Changes in Cervical Sagittal Alignment after Single-Level Posterior Percutaneous Endoscopic Cervical Discectomy. <i>Global Spine Journal</i> , 2015, 5, 31-38.	2.3	55
107	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.	2.2	20
108	Multimodal intraoperative monitoring during intramedullary spinal cord tumor surgery. <i>Acta Neurochirurgica</i> , 2015, 157, 2149-2155.	1.7	37

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109	Complex spinal arteriovenous fistula of the craniocervical junction with pial and dural shunts combined with contralateral dural arteriovenous fistula. <i>Interventional Neuroradiology</i> , 2015, 21, 733-737.	1.1	13
110	Minimally invasive cervical foraminotomy and discectomy for laterally located soft disk herniation. <i>European Spine Journal</i> , 2015, 24, 3005-3012.	2.2	63
111	Delayed Diagnosis of Probable Radiation Induced Spinal Cord Vascular Disorders. <i>Journal of Korean Neurosurgical Society</i> , 2015, 57, 215.	1.2	3
112	Overexpressions of Vimentin and Integrins in Human Metastatic Spine Tumors. <i>Journal of Korean Neurosurgical Society</i> , 2015, 57, 329.	1.2	2
113	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.	1.2	7
114	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.	1.2	6
115	Intracranial Hypertension in a Patient with a Chiari Malformation Accompanied by Hyperthyroidism. <i>Korean Journal of Spine</i> , 2015, 12, 150.	0.9	2
116	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.	0.4	12
117	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.	1.9	32
118	Bone Fusion Rate in the Thoracic and Lumbar Spine After Laminoplasty With Laminar Screws. <i>Spine</i> , 2014, 39, E1325-E1330.	2.0	9
119	Cervical extension magnetic resonance imaging in evaluating cervical spondylotic myelopathy. <i>Acta Neurochirurgica</i> , 2014, 156, 259-266.	1.7	24
120	Dural tear and resultant cerebrospinal fluid leaks after cervical spinal trauma. <i>European Spine Journal</i> , 2014, 23, 1772-1776.	2.2	28
121	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.	1.7	5
122	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.	1.2	5
123	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.	2.9	23
124	Risk factor analysis of the development of new neurological deficits following supplementary motor area resection. <i>Journal of Neurosurgery</i> , 2013, 119, 7-14.	1.6	39
125	Is closed-suction drainage necessary after intradural primary spinal cord tumor surgery?. <i>European Spine Journal</i> , 2013, 22, 577-583.	2.2	14
126	Clinical outcomes of conservative management of spinal cord cavernous angiomas. <i>Acta Neurochirurgica</i> , 2013, 155, 1209-1214.	1.7	19

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127	Clinical features and treatment outcomes of the spinal arteriovenous fistulas and malformations. <i>Journal of Neurosurgery: Spine</i> , 2013, 19, 207-216.	1.7	46
128	Reoperation rate after surgery for lumbar spinal stenosis without spondylolisthesis: a nationwide cohort study. <i>Spine Journal</i> , 2013, 13, 1230-1237.	1.3	92
129	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.	0.5	17
130	Reoperation Rate After Surgery for Lumbar Herniated Intervertebral Disc Disease. <i>Spine</i> , 2013, 38, 581-590.	2.0	148
131	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.	1.2	101
132	Less invasive palliative surgery for spinal metastases. <i>Journal of Surgical Oncology</i> , 2013, 108, 499-503.	1.7	45
133	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.	1.1	47
134	Validation of a simple computerized tool for measuring spinal and pelvic parameters. <i>Journal of Neurosurgery: Spine</i> , 2012, 16, 154-162.	1.7	30
135	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.	1.9	43
136	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.	1.9	34
137	Clinical course of incidental syringomyelia without predisposing pathologies. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 665-668.	1.5	13
138	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.	0.5	1
139	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
140	Screw loosening and Migration after Dynesys Implantation. <i>Korean Journal of Spine</i> , 2012, 9, 300.	0.9	3
141	Resumption of ambulatory status after surgery for nonambulatory patients with epidural spinal metastasis. <i>Spine Journal</i> , 2011, 11, 1015-1023.	1.3	47
142	Great Hospitals of Asia: The Department of Neurosurgery at Seoul National University College of Medicine. <i>World Neurosurgery</i> , 2011, 75, 397-406.	1.3	7
143	Unexpected Seizure Attack in a Patient with Spinal Metastasis Diagnosed as Posterior Reversible Encephalopathy Syndrome. <i>Journal of Korean Neurosurgical Society</i> , 2011, 50, 60.	1.2	9
144	Comparisons of Outcomes After Single or Multilevel Dynamic Stabilization. <i>Journal of Spinal Disorders and Techniques</i> , 2011, 24, 60-67.	1.9	42

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145	Surgical Outcome of a Posterior Approach for Large Ventral Intradural Extramedullary Spinal Cord Tumors. <i>Spine</i> , 2011, 36, E531-E537.	2.0	49
146	Surgical Outcome of Spinal Hepatocellular Carcinoma Metastases. <i>Neurosurgery</i> , 2011, 68, 888-896.	1.1	23
147	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.	1.3	23
148	Resection frequency map after awake resective surgery for non-lesional neocortical epilepsy involving eloquent areas. <i>Acta Neurochirurgica</i> , 2011, 153, 1739-1749.	1.7	26
149	Postoperative Survival and Ambulatory Outcome in Metastatic Spinal Tumors : Prognostic Factor Analysis. <i>Journal of Korean Neurosurgical Society</i> , 2011, 50, 216.	1.2	39
150	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
151	Longitudinal Change in Outcome of Frontal Lobe Epilepsy Surgery. <i>Neurosurgery</i> , 2010, 67, 1222-1229.	1.1	14
152	Life-Threatening Late Hemorrhage due to Superior Thyroid Artery Dissection After Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2010, 35, E739-E742.	2.0	30
153	Thalamic changes in temporal lobe epilepsy with and without hippocampal sclerosis: A diffusion tensor imaging study. <i>Epilepsy Research</i> , 2010, 90, 21-27.	1.6	33
154	Parietal Lobe Epilepsy. , 2010, , 1203-1206.		0
155	Localization of Broca's Area Using Functional MR Imaging: Quantitative Evaluation of Paradigms. <i>Journal of Korean Neurosurgical Society</i> , 2009, 45, 219.	1.2	4
156	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.	2.5	23
157	Thoracic and lumbar laminoplasty using a translaminar screw: morphometric study and technique. <i>Journal of Neurosurgery: Spine</i> , 2009, 10, 603-609.	1.7	23
158	Use of diffusion tensor imaging to evaluate weakness. <i>Journal of Neurosurgery</i> , 2007, 106, 111-118.	1.6	67
159	Optimal Extent of Resection in Vestibular Schwannoma Surgery: Relationship to Recurrence and Facial Nerve Preservation. <i>Neurologia Medico-Chirurgica</i> , 2006, 46, 176-181.	2.2	75
160	Parietal Lobe Epilepsy: Surgical Treatment and Outcome. <i>Stereotactic and Functional Neurosurgery</i> , 2004, 82, 175-185.	1.5	36
161	Spinal intramedullary lipoma: report of three cases. <i>Spinal Cord</i> , 2003, 41, 310-315.	1.9	32