

# Chi Heon Kim

## List of Publications by Year in descending order

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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	Reoperation Rate After Surgery for Lumbar Herniated Intervertebral Disc Disease. <i>Spine</i> , 2013, 38, 581-590.	2.0	148
2	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
3	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
4	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
5	Risk factors for cage migration and cage retropulsion following transforaminal lumbar interbody fusion. <i>Spine Journal</i> , 2019, 19, 437-447.	1.3	77
6	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
7	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
8	Surgical Outcome of Percutaneous Endoscopic Interlaminar Lumbar Discectomy for Highly Migrated Disk Herniation. <i>Clinical Spine Surgery</i> , 2016, 29, E259-E266.	1.3	68
9	Use of diffusion tensor imaging to evaluate weakness. <i>Journal of Neurosurgery</i> , 2007, 106, 111-118.	1.6	67
10	Minimally invasive cervical foraminotomy and discectomy for laterally located soft disk herniation. <i>European Spine Journal</i> , 2015, 24, 3005-3012.	2.2	63
11	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
12	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
13	Comparison of Minimally Invasive Versus Open Transforaminal Interbody Lumbar Fusion. <i>Global Spine Journal</i> , 2020, 10, 143S-150S.	2.3	50
14	Surgical Outcome of a Posterior Approach for Large Ventral Intradural Extramedullary Spinal Cord Tumors. <i>Spine</i> , 2011, 36, E531-E537.	2.0	49
15	Resumption of ambulatory status after surgery for nonambulatory patients with epidural spinal metastasis. <i>Spine Journal</i> , 2011, 11, 1015-1023.	1.3	47
16	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
17	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
18	Less invasive palliative surgery for spinal metastases. <i>Journal of Surgical Oncology</i> , 2013, 108, 499-503.	1.7	45

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19	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
20	Comparisons of Outcomes After Single or Multilevel Dynamic Stabilization. <i>Journal of Spinal Disorders and Techniques</i> , 2011, 24, 60-67.	1.9	42
21	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
22	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
23	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
24	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
25	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
26	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
27	Multimodal intraoperative monitoring during intramedullary spinal cord tumor surgery. <i>Acta Neurochirurgica</i> , 2015, 157, 2149-2155.	1.7	37
28	Parietal Lobe Epilepsy: Surgical Treatment and Outcome. <i>Stereotactic and Functional Neurosurgery</i> , 2004, 82, 175-185.	1.5	36
29	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
30	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
31	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
32	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
33	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
34	Spinal intramedullary lipoma: report of three cases. <i>Spinal Cord</i> , 2003, 41, 310-315.	1.9	32
35	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
36	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

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37	Effect of curcumin on the inflammatory reaction and functional recovery after spinal cord injury in a hyperglycemic rat model. <i>Spine Journal</i> , 2019, 19, 2025-2039.	1.3	32
38	Increased Volume of Lumbar Surgeries for Herniated Intervertebral Disc Disease and Cost-Effectiveness Analysis. <i>Spine</i> , 2018, 43, 585-593.	2.0	31
39	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
40	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
41	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
42	The Long-term Reoperation Rate Following Surgery for Lumbar Herniated Intervertebral Disc Disease. <i>Spine</i> , 2019, 44, 1382-1389.	2.0	30
43	Dural tear and resultant cerebrospinal fluid leaks after cervical spinal trauma. <i>European Spine Journal</i> , 2014, 23, 1772-1776.	2.2	28
44	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
45	Increased Proportion of Fusion Surgery for Degenerative Lumbar Spondylolisthesis and Changes in Reoperation Rate. <i>Spine</i> , 2019, 44, 346-354.	2.0	25
46	Cervical extension magnetic resonance imaging in evaluating cervical spondylotic myelopathy. <i>Acta Neurochirurgica</i> , 2014, 156, 259-266.	1.7	24
47	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
48	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
49	Surgical Outcome of Spinal Hepatocellular Carcinoma Metastases. <i>Neurosurgery</i> , 2011, 68, 888-896.	1.1	23
50	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
51	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
52	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
53	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
54	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

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55	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.	2.9	22
56	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
57	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
58	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
59	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
60	Clinical outcomes of conservative management of spinal cord cavernous angiomas. <i>Acta Neurochirurgica</i> , 2013, 155, 1209-1214.	1.7	19
61	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
62	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.	0.4	18
63	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
64	Genetic differences on intracranial versus spinal cord ependymal tumors: a meta-analysis of genetic researches. <i>European Spine Journal</i> , 2016, 25, 3942-3951.	2.2	17
65	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
66	The Recovery of Motor Strength after Posterior Percutaneous Endoscopic Cervical Foraminotomy and Discectomy. <i>World Neurosurgery</i> , 2018, 115, e532-e538.	1.3	17
67	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
68	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
69	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
70	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
71	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
72	Longitudinal Change in Outcome of Frontal Lobe Epilepsy Surgery. <i>Neurosurgery</i> , 2010, 67, 1222-1229.	1.1	14

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73	Is closed-suction drainage necessary after intradural primary spinal cord tumor surgery?. <i>European Spine Journal</i> , 2013, 22, 577-583.	2.2	14
74	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
75	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
76	White Matter Change Revealed by Diffusion Tensor Imaging in Gliomas. <i>Brain Tumor Research and Treatment</i> , 2016, 4, 100.	1.0	14
77	Does Preservation of Ligamentum Flavum in Percutaneous Endoscopic Lumbar Interlaminar Discectomy Improve Clinical Outcomes?. <i>Neurospine</i> , 2019, 16, 113-119.	2.9	14
78	Clinical course of incidental syringomyelia without predisposing pathologies. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 665-668.	1.5	13
79	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
80	Changes in cervical motion after cervical spinal motion preservation surgery. <i>Acta Neurochirurgica</i> , 2018, 160, 397-404.	1.7	13
81	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
82	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.	1.4	12
83	Nonsurgical treatment outcomes for surgical candidates with lumbar disc herniation: a comprehensive cohort study. <i>Scientific Reports</i> , 2021, 11, 3931.	3.3	12
84	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
85	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.	1.2	12
86	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
87	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.	1.5	11
88	Quantity of Disc Removal and Radiological Outcomes of Percutaneous Endoscopic Lumbar Discectomy. <i>Pain Physician</i> , 2017, 20, E737-E746.	0.4	11
89	Chronic Hyperglycemia before Spinal Cord Injury Increases Inflammatory Reaction and Astroglia after Injury: Human and Rat Studies. <i>Journal of Neurotrauma</i> , 2020, 37, 1165-1181.	3.4	10
90	Minimally Invasive Surgery without Decompression for Hepatocellular Carcinoma Spinal Metastasis with Epidural Spinal Cord Compression Grade 2. <i>Journal of Korean Neurosurgical Society</i> , 2019, 62, 467-475.	1.2	10

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91	Unexpected Seizure Attack in a Patient with Spinal Metastasis Diagnosed as Posterior Reversible Encephalopathy Syndrome. Journal of Korean Neurosurgical Society, 2011, 50, 60.	1.2	9
92	Bone Fusion Rate in the Thoracic and Lumbar Spine After Laminoplasty With Laminar Screws. Spine, 2014, 39, E1325-E1330.	2.0	9
93	How to address cerebrospinal fluid leakage following ossification of the posterior longitudinal ligament surgery. Journal of Clinical Neuroscience, 2017, 45, 172-179.	1.5	9
94	Topographical Risk Factor Analysis of New Neurological Deficits Following Precentral Gyrus Resection. Neurosurgery, 2015, 76, 714-720.	1.1	8
95	Difference in canal encroachment by the fusion mass between anterior cervical discectomy and fusion with bone autograft and anterior plating, and stand-alone cage. Journal of Clinical Neuroscience, 2016, 29, 121-127.	1.5	8
96	Intraoperative Motor-Evoked Potential Disappearance versus Amplitude-Decrement Alarm Criteria		

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109	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
110	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
111	Comparison of minimally invasive and open TLIF outcomes with more than seven years of follow-up. <i>North American Spine Society Journal (NASSJ)</i> , 2022, 11, 100131.	0.5	6
112	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
113	The Use Fibrin Sealant after Spinal Intradural Tumor Surgery: Is It Necessary?. <i>Korean Journal of Spine</i> , 2016, 13, 24.	0.9	5
114	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
115	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
116	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
117	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
118	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
119	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.	1.2	5
120	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
121	Interlaminar Endoscopic Lumbar Discectomy: A Narrative Review. <i>International Journal of Spine Surgery</i> , 2021, 15, S47-S53.	1.5	5
122	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
123	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
124	Prognosis of Symptomatic Pseudarthrosis Observed at 1 Year After Lateral Lumbar Interbody Fusion. <i>Spine</i> , 2021, 46, E1006-E1013.	2.0	4
125	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
126	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



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127	Surgical Outcome of Adult Idiopathic Chiari Malformation Type 1. Journal of Korean Neurosurgical Society, 2016, 59, 512.	1.2	4
128	Genetic Odyssey to Ossification of the Posterior Longitudinal Ligament in the Cervical Spine: A Systematic Review. Neurospine, 2022, 19, 299-306.	2.9	4
129	Autologous Stem Cells in Cervical Spine Fusion. Global Spine Journal, 2021, 11, 950-965.	2.3	3
130	Use of Autologous Stem Cells in Lumbar Spinal Fusion: A Systematic Review of Current Clinical Evidence. Global Spine Journal, 2021, 11, 1281-1298.	2.3	3
131	Effects of Total Psoas Area Index on Surgical Outcomes of Single-Level Lateral Lumbar Interbody Fusion. World Neurosurgery, 2021, 154, e838-e845.	1.3	3
132	Comparison of Operating Time between Stand-alone Cage and a Standard Method for a Single Level Cervical Disc Disease. Korean Journal of Spine, 2012, 9, 12.	0.9	3
133	Screw loosening and Migration after Dynesys Implantation. Korean Journal of Spine, 2012, 9, 300.	0.9	3
134	Delayed Diagnosis of Probable Radiation Induced Spinal Cord Vascular Disorders. Journal of Korean Neurosurgical Society, 2015, 57, 215.	1.2	3
135	Longitudinal clinical outcomes after full-endoscopic lumbar discectomy for recurrent disc herniation after open discectomy. Journal of Clinical Neuroscience, 2020, 72, 124-129.	1.5	3
136	The Efficacy of Lumbar Hybrid Fusion for the Prevention of Adjacent Segment Disease. Clinical Spine Surgery, 2021, 34, 260-268.	1.3	3
137	Validity of magnetic resonance imaging (MRI) in the primary spinal cord tumors in routine clinical setting. Scientific Reports, 2022, 12, .	3.3	3
138	A prospective study of non-surgical versus surgical treatment for lumbar spinal stenosis without instability. Journal of Clinical Neuroscience, 2020, 80, 100-107.	1.5	2
139	Overexpressions of Vimentin and Integrins in Human Metastatic Spine Tumors. Journal of Korean Neurosurgical Society, 2015, 57, 329.	1.2	2
140	Instrumentation Failure after Partial Corpectomy with Instrumentation of a Metastatic Spine. Journal of Korean Neurosurgical Society, 2018, 61, 415-423.	1.2	2
141	Intracranial Hypertension in a Patient with a Chiari Malformation Accompanied by Hyperthyroidism. Korean Journal of Spine, 2015, 12, 150.	0.9	2
142	Postoperative Longitudinal Outcomes in Patients with Residual Disc Fragments after Percutaneous Endoscopic Lumbar Discectomy. Pain Physician, 2018, 1, E457-E466.	0.4	2
143	Mechanical Failure After Total En Bloc Spondylectomy and Salvage Surgery. Neurospine, 2022, 19, 146-154.	2.9	2
144	Cognitive Function of Korean Neurosurgical Patients: Cross-sectional Study Using the Korean Version of the Mini-mental Status Examination. Journal of Cerebrovascular and Endovascular Neurosurgery, 2012, 14, 11.	0.5	1

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145	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.	0.3	1
146	Biological Effect of Fibronectin Type III 9–10 and 17 <sup>12</sup> -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
147	Surgical Timing in Lumbar Disc Herniation Surgery. <i>Neurospine</i> , 2020, 17, 213-214.	2.9	1
148	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
149	Longitudinal change of cervical artificial disc motion following replacement. <i>PLoS ONE</i> , 2020, 15, e0228628.	2.5	0
150	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
151	Parietal Lobe Epilepsy. , 2010, , 1203-1206.		0
152	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
153	Posteriorly Approached Cervical Endoscopy. , 2020, , 43-55.		0
154	In Response to Letter Re: Postoperative Longitudinal Outcomes in Patients with Residual Disc Fragments. <i>Pain Physician</i> , 2019, 22, E238-E240.	0.4	0
155	Another Milestone for Spinal Intramedullary Tumor Treatment. <i>Neurospine</i> , 2022, 19, 30-31.	2.9	0
156	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
157	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
158	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
159	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
160	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0
161	Longitudinal change of cervical artificial disc motion following replacement. , 2020, 15, e0228628.		0