

Dong Ah Shin

List of Publications by Year in descending order

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Version: 2024-02-01

158
papers

2,780
citations

270111

25
h-index

274796

44
g-index

162
all docs

162
docs citations

162
times ranked

3329
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of frailty with regional sagittal spinal alignment in the elderly. <i>Journal of Clinical Neuroscience</i> , 2022, 96, 172-179.	0.8	2
2	Radiological Changes in Adjacent and Index Levels after Cervical Disc Arthroplasty. <i>Yonsei Medical Journal</i> , 2022, 63, 72.	0.9	2
3	Could Machine Learning Better Predict Postoperative C5 Palsy of Cervical Ossification of the Posterior Longitudinal Ligament?. <i>Clinical Spine Surgery</i> , 2022, Publish Ahead of Print, .	0.7	1
4	Combinatorial physicochemical stimuli in the three-dimensional environment of a hyaluronic acid hydrogel amplify chondrogenesis by stimulating phosphorylation of the Smad and MAPK signaling pathways. <i>NPG Asia Materials</i> , 2022, 14, .	3.8	6
5	Novel Câ€arm based planning spine surgery robot proved in a porcine model and quantitative accuracy assessment methodology. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2021, 17, e2182.	1.2	7
6	Revision Surgery for a Failed Artificial Disc. <i>Yonsei Medical Journal</i> , 2021, 62, 240.	0.9	2
7	Minocycline for Controlling Neuropathic Pain: A Systematic Narrative Review of Studies in Humans. <i>Journal of Pain Research</i> , 2021, Volume 14, 139-145.	0.8	16
8	Surgical Strategy for Sacral Tumor Resection. <i>Yonsei Medical Journal</i> , 2021, 62, 59.	0.9	7
9	Prediction of angular kyphosis after cervical laminoplasty using radiologic measurements. <i>Journal of Clinical Neuroscience</i> , 2021, 85, 13-19.	0.8	5
10	Health insurance policies for magnetic resonance imaging tests in Korea. <i>Journal of the Korean Medical Association</i> , 2021, 64, 172-176.	0.1	1
11	Preoperative Cognitive Impairment as a Predictor of Postoperative Outcomes in Elderly Patients Undergoing Spinal Surgery for Degenerative Spinal Disease. <i>Journal of Clinical Medicine</i> , 2021, 10, 1385.	1.0	5
12	Predictors of neurologic outcome after surgery for cervical ossification of the posterior longitudinal ligament differ based on myelopathy severity: a multicenter study. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 749-758.	0.9	2
13	Therapeutic Effect of BDNF-Overexpressing Human Neural Stem Cells (F3.BDNF) in a Contusion Model of Spinal Cord Injury in Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6970.	1.8	18
14	A Review on Various Topics on the Thermal Grill Illusion. <i>Journal of Clinical Medicine</i> , 2021, 10, 3597.	1.0	4
15	Cervical disc arthroplasty: What we know in 2020 and a literature review. <i>Journal of Orthopaedic Surgery</i> , 2021, 29, 230949902110069.	0.4	17
16	Factors Affecting Postoperative Complications and Outcomes of Cervical Spondylotic Myelopathy with Cerebral Palsy : A Retrospective Analysis. <i>Journal of Korean Neurosurgical Society</i> , 2021, 64, 808-817.	0.5	1
17	Historical overview of the Department of Neurosurgery at Yonsei University College of Medicine in the Republic of Korea. <i>Journal of Neurosurgery</i> , 2021, 135, 962-968.	0.9	1
18	Efficacy and Safety of a Thrombin-Containing Collagen-Based Hemostatic Agent in Spinal Surgery: A Randomized Clinical Trial. <i>World Neurosurgery</i> , 2021, 154, e215-e221.	0.7	9

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19	Laminectomy with instrumented fusion vs. laminoplasty in the surgical treatment of cervical ossification of the posterior longitudinal ligament: A multicenter retrospective study. <i>Journal of Clinical Neuroscience</i> , 2021, 94, 271-280.	0.8	6
20	Contrast Dispersion on Epidurography May Be Associated with Clinical Outcomes After Percutaneous Epidural Neuroplasty Using an Inflatable Balloon Catheter. <i>Pain Medicine</i> , 2020, 21, 677-685.	0.9	4
21	Comparison of the effectiveness and safety of bioactive glass ceramic to allograft bone for anterior cervical discectomy and fusion with anterior plate fixation. <i>Neurosurgical Review</i> , 2020, 43, 1423-1430.	1.2	8
22	Upper Cervical Surgery, Increased Signal Intensity of the Spinal Cord, and Hypertension as Risk Factors for Dyspnea After Multilevel Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2020, 45, E379-E386.	1.0	7
23	An optimal cortical bone trajectory technique to prevent early surgical complications. <i>British Journal of Neurosurgery</i> , 2020, , 1-7.	0.4	4
24	Incidence, reasons, and risk factors for 30-day readmission after lumbar spine surgery for degenerative spinal disease. <i>Scientific Reports</i> , 2020, 10, 12672.	1.6	13
25	Combined Treatment with Fasudil and Menthol Improves Functional Recovery in Rat Spinal Cord Injury Model. <i>Biomedicines</i> , 2020, 8, 258.	1.4	9
26	Feasibility of Using the Epidural Space Detecting Device (EPI-Detection™) for Interlaminar Cervical Epidural Injection. <i>Journal of Clinical Medicine</i> , 2020, 9, 2355.	1.0	1
27	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
28	Paraparesis After Lumbar Interlaminar Epidural Steroid Injection due to Spinal Arteriovenous Fistula Without Magnetic Resonance Imaging Evidence. <i>Pain Medicine</i> , 2020, 21, 3724-3726.	0.9	1
29	Clinical and radiological outcomes of multilevel cervical laminoplasty versus three-level anterior cervical discectomy and fusion in patients with cervical spondylotic myelopathy. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 2112-2124.	1.1	11
30	Feasibility of the Epiduroscopy Simulator as a Training Tool: A Pilot Study. <i>Pain Research and Management</i> , 2020, 2020, 1-6.	0.7	0
31	Diagnostic Value of Single-Photon Emission Computed Tomography/Computed Tomography Scans with Tc-99m HDP in Cervicogenic Headache. <i>Journal of Clinical Medicine</i> , 2020, 9, 399.	1.0	3
32	Effectiveness of and Factors Associated with Balloon Adhesiolysis in Patients with Lumbar Post-Laminectomy Syndrome: A Retrospective Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1144.	1.0	8
33	Association of Frailty and Self-Care Activity With Sagittal Spinopelvic Alignment in the Elderly. <i>World Neurosurgery</i> , 2020, 138, e759-e766.	0.7	4
34	Surgical Strategies for Cervical Deformities Associated With Neuromuscular Disorders. <i>Neurospine</i> , 2020, 17, 513-524.	1.1	8
35	Percutaneous Epidural Neuroplasty. , 2020, , 353-359.		1
36	Spinal Injections Versus Conservative Treatment for Spinal Pain: The Korean Spine Patient Outcomes Research Trial (K-SPORT) Observational Cohort. <i>Asian Journal of Pain</i> , 2020, 6, 1-7.	0.1	0

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37	Treatment outcomes of 17 patients with atypical spinal meningioma, including 4 with metastases: a retrospective observational study. <i>Spine Journal</i> , 2019, 19, 276-284.	0.6	18
38	Evaluating the differences between 1D, 2D, and 3D occupying ratios in reflecting the JOA score in cervical ossification of the posterior longitudinal ligament. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 952-959.	1.1	7
39	Factors Associated with Successful Response to Balloon Decompressive Adhesiolysis Neuroplasty in Patients with Chronic Lumbar Foraminal Stenosis. <i>Journal of Clinical Medicine</i> , 2019, 8, 1766.	1.0	8
40	Analysis of Risk Factors Associated with Hospital Readmission Within 360 Days After Degenerative Lumbar Spine Surgery in Elderly Patients. <i>World Neurosurgery</i> , 2019, 126, e196-e207.	0.7	5
41	Long-standing tentorial dural arteriovenous fistula presenting as progressively worsening cervical myelopathy by degenerative cervical intervertebral disc: a case report. <i>Acta Neurochirurgica</i> , 2019, 161, 1523-1527.	0.9	2
42	Surgical Management of Gorham-Stout Disease in Cervical Compression Fracture with Cervicothoracic Fusion: Case Report and Review of Literature. <i>World Neurosurgery</i> , 2019, 129, 277-281.	0.7	12
43	Relationship of Success Rate for Balloon Adhesiolysis with Clinical Outcomes in Chronic Intractable Lumbar Radicular Pain: A Multicenter Prospective Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 606.	1.0	6
44	Clinical Efficacy and Safety of Trans-Sacral Epiduroscopic Laser Decompression Compared to Percutaneous Epidural Neuroplasty. <i>Pain Research and Management</i> , 2019, 2019, 1-7.	0.7	13
45	Influence of diabetes mellitus on patients with lumbar spinal stenosis: A nationwide population-based study. <i>PLoS ONE</i> , 2019, 14, e0213858.	1.1	9
46	Vertebral Reconstruction with Customized 3-Dimensional~Printed Spine Implant Replacing Large Vertebral Defect with 3-Year Follow-up. <i>World Neurosurgery</i> , 2019, 126, 90-95.	0.7	16
47	Treatment outcomes of radiotherapy for primary spinal cord glioma. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 164-174.	1.0	12
48	Effect of the type of electrical stimulation on spinal fusion in a rat posterolateral spinal fusion model. <i>Spine Journal</i> , 2019, 19, 1106-1120.	0.6	8
49	Patterns of short-term and long-term surgical outcomes and prognostic factors for cervical ossification of the posterior longitudinal ligament between anterior cervical corpectomy and fusion and posterior laminoplasty. <i>Neurosurgical Review</i> , 2019, 42, 907-913.	1.2	10
50	Impact of H3.3 K27M Mutation on Prognosis and Survival of Grade IV Spinal Cord Glioma on the Basis of New 2016 World Health Organization Classification of the Central Nervous System. <i>Neurosurgery</i> , 2019, 84, 1072-1081.	0.6	59
51	The risk factors associated with delirium after lumbar spine surgery in elderly patients. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 700-710.	1.1	26
52	An Epiduroscopy Simulator Based on a Serious Game for Spatial Cognitive Training (EpiduroSIM): User-Centered Design Approach. <i>JMIR Serious Games</i> , 2019, 7, e12678.	1.7	3
53	Clinical Effectiveness of Percutaneous Epidural Neuroplasty According to the Type of Single-Level Lumbar Disc Herniation : A 12-Month Follow-Up Study. <i>Journal of Korean Neurosurgical Society</i> , 2019, 62, 681-690.	0.5	11
54	Efficacy of a Novel Annular Closure Device after Lumbar Discectomy in Korean Patients : A 24-Month Follow-Up of a Randomized Controlled Trial. <i>Journal of Korean Neurosurgical Society</i> , 2019, 62, 691-699.	0.5	13

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55	Independent Correlation of the C1â€² Cobb Angle With Patient-Reported Outcomes After Correcting Chronic Atlantoaxial Instability. <i>Neurospine</i> , 2019, 16, 267-276.	1.1	6
56	Biomechanical Comparison of Four Different Atlantoaxial Posterior Fixation Constructs in Adults. <i>Spine</i> , 2018, 43, E891-E897.	1.0	27
57	Feasibility of a Modified E-PASS and POSSUM System for Postoperative Risk Assessment in Patients with Spinal Disease. <i>World Neurosurgery</i> , 2018, 112, e95-e102.	0.7	0
58	Effect of posterior instrumented fusion on three-dimensional volumetric growth of cervical ossification of the posterior longitudinal ligament: a multiple regression analysis. <i>Spine Journal</i> , 2018, 18, 1779-1786.	0.6	21
59	The modified transforaminal endoscopic technique in treating intracanalicular combining foraminal and/or extraforaminal lumbar disc herniations. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 936-945.	1.1	7
60	Influence of needle-insertion depth on epidural spread and clinical outcomes in caudal epidural injections: a randomized clinical trial. <i>Journal of Pain Research</i> , 2018, Volume 11, 2961-2967.	0.8	5
61	Clinical Significance of Epidurography Contrast Patterns after Adhesiolysis during Lumbar Percutaneous Epidural Neuroplasty. <i>Pain Research and Management</i> , 2018, 2018, 1-8.	0.7	13
62	Parkinson's disease-related non-motor features as risk factors for post-operative delirium in spinal surgery. <i>PLoS ONE</i> , 2018, 13, e0195749.	1.1	19
63	Factors associated with surgical outcomes of cervical ossification of the posterior longitudinal ligament. <i>Medicine (United States)</i> , 2018, 97, e11342.	0.4	8
64	Prevalence, Incidence, Comorbidity, and Mortality Rates of Ossification of Posterior Longitudinal Ligament in the Cervical Spine: A Nested Case-Control Cohort Study. <i>World Neurosurgery</i> , 2018, 117, e323-e328.	0.7	18
65	Anatomical variations of vertebral artery and C2 isthmus in atlanto-axial fusion: Consecutive surgical 100 cases. <i>Journal of Clinical Neuroscience</i> , 2018, 53, 147-152.	0.8	17
66	Biomechanical Analysis of Biodegradable Cervical Plates Developed for Anterior Cervical Discectomy and Fusion. <i>Asian Spine Journal</i> , 2018, 12, 1092-1099.	0.8	8
67	ASIA SPINE: The Past, Present, and Future. <i>Neurospine</i> , 2018, 15, 10-17.	1.1	2
68	Feasibility of Percutaneous Robot-Assisted Epiduroscopic System. <i>Pain Physician</i> , 2018, 1, E565-E571.	0.3	1
69	Safety and Effectiveness of Transforaminal Epiduroscopic Laser Ablation in Single Level Disc Disease: A Case-Control Study. <i>Pain Physician</i> , 2018, 1, E643-E650.	0.3	2
70	Feasibility of Percutaneous Robot-Assisted Epiduroscopic System. <i>Pain Physician</i> , 2018, 21, E565-E571.	0.3	0
71	Safety and Effectiveness of Transforaminal Epiduroscopic Laser Ablation in Single Level Disc Disease: A Case-Control Study. <i>Pain Physician</i> , 2018, 21, E643-E650.	0.3	3
72	An effect comparison of teriparatide and bisphosphonate on posterior lumbar interbody fusion in patients with osteoporosis: a prospective cohort study and preliminary data. <i>European Spine Journal</i> , 2017, 26, 691-697.	1.0	60

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73	Artificial Disk Replacement Combined With Fusion Versus 2-Level Fusion in Cervical 2-Level Disk Disease With a 5-Year Follow-up. <i>Clinical Spine Surgery</i> , 2017, 30, E620-E627.	0.7	19
74	Comparison of Outcomes of Anterior, Posterior, and Transforaminal Lumbar Interbody Fusion Surgery at a Single Lumbar Level with Degenerative Spinal Disease. <i>World Neurosurgery</i> , 2017, 101, 216-226.	0.7	91
75	Exploring for the optimal structural design for the 3D-printing technology for cranial reconstruction: a biomechanical and histological study comparison of solid vs. porous structure. <i>Child's Nervous System</i> , 2017, 33, 1553-1562.	0.6	7
76	Automated Pressure-Controlled Discography in Patients Undergoing Anterior Lumbar Interbody Fusion for Discogenic Back Pain. <i>World Neurosurgery</i> , 2017, 97, 8-15.	0.7	5
77	Sacral Reconstruction with a 3D-Printed Implant after Hemisacrectomy in a Patient with Sacral Osteosarcoma: 1-Year Follow-Up Result. <i>Yonsei Medical Journal</i> , 2017, 58, 453.	0.9	93
78	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
79	Inter- and Intra-Observer Variability of the Volume of Cervical Ossification of the Posterior Longitudinal Ligament Using Medical Image Processing Software. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 441-447.	0.5	7
80	Clinical Course of Cervical Percutaneous Epidural Neuroplasty in Single-Level Cervical Disc Disease with 12-Month Follow-up. <i>Pain Physician</i> , 2017, 20, E941-E949.	0.3	2
81	A Great Teacher of Neurosurgery in Korea: Hun Jae Lee (1921-1983). <i>Yonsei Medical Journal</i> , 2016, 57, 539.	0.9	2
82	Relationship between T1 slope and loss of lordosis after laminoplasty in patients with cervical ossification of the posterior longitudinal ligament. <i>Spine Journal</i> , 2016, 16, 219-225.	0.6	83
83	Clinical Outcomes of Correcting Cervical Deformity in Cerebral Palsy Patients. <i>World Neurosurgery</i> , 2016, 96, 500-509.	0.7	3
84	Characteristics of Cervical Spine Trauma in Patients with Ankylosing Spondylitis and Ossification of the Posterior Longitudinal Ligament. <i>World Neurosurgery</i> , 2016, 96, 202-208.	0.7	11
85	Progression of Coronal Cobb Angle After Short-Segment Lumbar Interbody Fusion in Patients with Degenerative Lumbar Stenosis. <i>World Neurosurgery</i> , 2016, 89, 510-516.	0.7	9
86	Paradoxical Radiographic Changes of Coflex Interspinous Device with Minimum 2-Year Follow-Up in Lumbar Spinal Stenosis. <i>World Neurosurgery</i> , 2016, 85, 177-184.	0.7	12
87	Clinical Characteristics and Surgical Outcome of Revision Surgery in Patients with Cervical Ossification of the Posterior Longitudinal Ligament. <i>World Neurosurgery</i> , 2016, 90, 164-171.	0.7	14
88	Correlation between cervical spine sagittal alignment and clinical outcome after cervical laminoplasty for ossification of the posterior longitudinal ligament. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 100-107.	0.9	67
89	Association of miR-146a, miR-149, miR-196a2, and miR-499 Polymorphisms with Ossification of the Posterior Longitudinal Ligament of the Cervical Spine. <i>PLoS ONE</i> , 2016, 11, e0159756.	1.1	14
90	Matched Comparison of Fusion Rates between Hydroxyapatite Demineralized Bone Matrix and Autograft in Lumbar Interbody Fusion. <i>Journal of Korean Neurosurgical Society</i> , 2016, 59, 363.	0.5	20

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91	Compression Angle of Ossification of the Posterior Longitudinal Ligament and Its Clinical Significance in Cervical Myelopathy. <i>Journal of Korean Neurosurgical Society</i> , 2016, 59, 471.	0.5	1
92	Utility of an Epidural Pressure Checker in the Administration of Trans-Laminar Epidural Blocks. <i>Asian Journal of Pain</i> , 2016, 2, 6-9.	0.1	2
93	Finite Element Analysis of the Effect of Epidural Adhesions. <i>Pain Physician</i> , 2016, 5;19, E787-E793.	0.3	0
94	Randomized Controlled Study of Percutaneous Epidural Neuroplasty Using Racz Catheter and Epidural Steroid Injection in Cervical Disc Disease. <i>Pain Physician</i> , 2016, 19, 39-48.	0.3	5
95	Usefulness of 3-dimensional Measurement of Ossification of the Posterior Longitudinal Ligament (OPLL) in Patients With OPLL-induced Myelopathy. <i>Spine</i> , 2015, 40, 1479-1486.	1.0	13
96	Stand-alone Cervical Cages Versus Anterior Cervical Plates in 2-Level Cervical Anterior Interbody Fusion Patients. <i>Journal of Spinal Disorders and Techniques</i> , 2015, 28, E433-E438.	1.8	46
97	Efficacy of Percutaneous Epidural Neuroplasty Does Not Correlate with Dural Sac Cross-Sectional Area in Single Level Disc Disease. <i>Yonsei Medical Journal</i> , 2015, 56, 691.	0.9	15
98	Three Cases of Spine Fractures after an Airplane Crash. <i>Korean Journal of Neurotrauma</i> , 2015, 11, 195.	0.2	3
99	Efficacy and Safety of Sodium Hyaluronate with 1,4-Butanediol Diglycidyl Ether Compared to Sodium Carboxymethylcellulose in Preventing Adhesion Formation after Lumbar Discectomy. <i>Korean Journal of Spine</i> , 2015, 12, 41.	0.9	9
100	Feasibility of Translaminar Screw Placement in Korean Population: Morphometric Analysis of Cervical Spine. <i>Yonsei Medical Journal</i> , 2015, 56, 159.	0.9	6
101	The Use of Magnetic Resonance Imaging in Predicting the Clinical Outcome of Spinal Arteriovenous Fistula. <i>Yonsei Medical Journal</i> , 2015, 56, 397.	0.9	17
102	A morphometric analysis of contralateral neural foramen in TLIF. <i>European Spine Journal</i> , 2015, 24, 783-790.	1.0	9
103	Surgical outcome and prognostic factors of anterior decompression and fusion for cervical compressive myelopathy due to ossification of the posterior longitudinal ligament. <i>Spine Journal</i> , 2015, 15, 875-884.	0.6	85
104	Bone loss of the superior adjacent vertebral body immediately posterior to the anterior flange of Bryan cervical disc. <i>European Spine Journal</i> , 2015, 24, 2872-2879.	1.0	29
105	Human Adipose Stem Cells Improve Mechanical Allodynia and Enhance Functional Recovery in a Rat Model of Neuropathic Pain. <i>Tissue Engineering - Part A</i> , 2015, 21, 2044-2052.	1.6	24
106	Experimental Set Up of P300 Based Brain Computer Interface Using a Bioamplifier and BCI2000 System for Patients with Spinal Cord Injury. <i>Korean Journal of Spine</i> , 2015, 12, 119.	0.9	4
107	Biomechanical Effects of the Geometry of Ball-and-Socket Intervertebral Prosthesis on Lumbar Spine Using Finite Element Method. , 2015, , .		0
108	Preliminary Experiences of the Combined Midline-Splitting French Door Laminoplasty with Polyether Ether Ketone (PEEK) Plate for Cervical Spondylosis and OPLL. <i>Korean Journal of Spine</i> , 2015, 12, 48.	0.9	0

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109	Experimental Evaluation of Percutaneous Lumbar Laser Disc Decompression Using a 1414 nm Nd:YAG Laser. <i>Pain Physician</i> , 2015, 6;18, E1091-E1099.	0.3	7
110	Experimental Evaluation of Percutaneous Lumbar Laser Disc Decompression Using a 1414 nm Nd:YAG Laser. <i>Pain Physician</i> , 2015, 18, E1091-9.	0.3	13
111	Nonoperative interventions for spinal pain. <i>Journal of the Korean Medical Association</i> , 2014, 57, 308.	0.1	0
112	Use of Annular Closure Device (Barricaid®) for Preventing Lumbar Disc Reherniation: One-Year Results of Three Cases. <i>Korean Journal of Neurotrauma</i> , 2014, 10, 119.	0.2	16
113	Association Between Urine Cotinine Levels and Bone Mineral Density in Lumbar Spine and Femoral Neck Among Adult Males. <i>Spine</i> , 2014, 39, 311-317.	1.0	9
114	Co-transplantation of bone marrow-derived mesenchymal stem cells and nanospheres containing FGF-2 improve cell survival and neurological function in the injured rat spinal cord. <i>Acta Neurochirurgica</i> , 2014, 156, 297-303.	0.9	24
115	Long-term surgical outcomes of cervical myelopathy with athetoid cerebral palsy. <i>European Spine Journal</i> , 2014, 23, 1464-1471.	1.0	23
116	Rosai-Dorfman Disease in Thoracic Spine: A Rare Case of Compression Fracture. <i>Korean Journal of Spine</i> , 2014, 11, 198.	0.9	7
117	The Catheter Tip Position and Effects of Percutaneous Epidural Neuroplasty in Patients with Lumbar Disc Disease During 6-Months of Follow-up. <i>Pain Physician</i> , 2014, 5;17, E599-E608.	0.3	6
118	The catheter tip position and effects of percutaneous epidural neuroplasty in patients with lumbar disc disease during 6-months of follow-up. <i>Pain Physician</i> , 2014, 17, E599-608.	0.3	11
119	Comparison of functional and histological outcomes after intralesional, intracisternal, and intravenous transplantation of human bone marrow-derived mesenchymal stromal cells in a rat model of spinal cord injury. <i>Acta Neurochirurgica</i> , 2013, 155, 1943-1950.	0.9	36
120	Clinical features and surgical outcomes of primary cauda equina tumours. <i>Acta Neurochirurgica</i> , 2013, 155, 1911-1916.	0.9	2
121	Spinous Process Morphometry for Interspinous Device Implantation in Korean Patients. <i>World Neurosurgery</i> , 2013, 79, 172-176.	0.7	14
122	The predisposing factors for the heterotopic ossification after cervical artificial disc replacement. <i>Spine Journal</i> , 2013, 13, 1048-1054.	0.6	83
123	Contralaterally transplanted human embryonic stem cell-derived neural precursor cells (ENStem-A) migrate and improve brain functions in stroke-damaged rats. <i>Experimental and Molecular Medicine</i> , 2013, 45, e53-e53.	3.2	32
124	Association between low-back pain and lumbar spine bone density: a population-based cross-sectional study. <i>Journal of Neurosurgery: Spine</i> , 2013, 19, 307-313.	0.9	12
125	Radiofrequency Ablation of Spine. <i>Spine</i> , 2013, 38, E1121-E1127.	1.0	5
126	Vertebral Distraction during Anterior Cervical Discectomy and Fusion Causes Postoperative Neck Pain. <i>Journal of Korean Neurosurgical Society</i> , 2013, 53, 288.	0.5	25

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127	Vertebral Artery Dissect Injury with Brown-Séquard Syndrome by a Neural Foramen Penetrated Electric Screw Driver Bit : A Case Report. Korean Journal of Spine, 2013, 10, 258.	0.9	4
128	Spinal Subdural Hematoma Following Cranial Subdural Hematoma : A Case Report with a Literature Review. Journal of Korean Neurosurgical Society, 2013, 54, 515.	0.5	11
129	Intraoperative Facial Electromyography and Brainstem Auditory Evoked Potential Findings in Microvascular Decompression for Hemifacial Spasm: Correlation with Postoperative Delayed Facial Palsy. Stereotactic and Functional Neurosurgery, 2012, 90, 260-265.	0.8	13
130	Rapid recovery of tissue hypoxia by cotransplantation of endothelial cells. NeuroReport, 2012, 23, 658-662.	0.6	2
131	Quantitative proteomic analysis of induced pluripotent stem cells derived from a human Huntington's disease patient. Biochemical Journal, 2012, 446, 359-371.	1.7	104
132	Neuronal Properties, In Vivo Effects, and Pathology of a Huntington's Disease Patient-Derived Induced Pluripotent Stem Cells. Stem Cells, 2012, 30, 2054-2062.	1.4	167
133	Evaluation of Dysphagia After Cervical Surgery Using Laryngeal Electromyography. Dysphagia, 2012, 27, 318-324.	1.0	26
134	Initial Clinical Outcomes of Minimally Invasive Lateral Lumbar Interbody Fusion in Degenerative Lumbar Disease: A Preliminary Report on the Experience of a Single Institution with 30 Cases. Korean Journal of Spine, 2012, 9, 187.	0.9	6
135	Late Onset Tuberculous Spondylitis Following Kyphoplasty: A Case Report and Review of the Literature. Korean Journal of Spine, 2012, 9, 28.	0.9	10
136	Finite Element Analysis of the Biomechanical Effect of Coflex [®] on the Lumbar Spine. Korean Journal of Spine, 2012, 9, 131.	0.9	10
137	Correction of Coronal Imbalance in Degenerative Lumbar Spine Disease Following Direct Lateral Interbody Fusion (DLIF). Korean Journal of Spine, 2012, 9, 176.	0.9	12
138	Intradural Extramedullary Ependymoma with Spinal Root Attachment: A Case Report. Korean Journal of Spine, 2012, 9, 250.	0.9	6
139	Neuronal Differentiation of a Human Induced Pluripotent Stem Cell Line (FS-1) Derived from Newborn Foreskin Fibroblasts. International Journal of Stem Cells, 2012, 5, 140-145.	0.8	9
140	Effect of Bone Cement Volume and Stiffness on Occurrences of Adjacent Vertebral Fractures after Vertebroplasty. Journal of Korean Neurosurgical Society, 2012, 52, 435.	0.5	39
141	The association of aggrecan gene polymorphism with the risk of intervertebral disc degeneration. Acta Neurochirurgica, 2011, 153, 129-133.	0.9	28
142	Effect of Replicated Polymeric Substrate with Lotus Surface Structure on Adipose-Derived Stem Cell Behaviors. Macromolecular Bioscience, 2011, 11, 1357-1363.	2.1	31
143	Enhancement of bone regeneration by gene delivery of BMP2/Runx2 bicistronic vector into adipose-derived stromal cells. Biomaterials, 2010, 31, 5652-5659.	5.7	102
144	Serious Complication of Cement Augmentation for Damaged Pilot Hole. Yonsei Medical Journal, 2010, 51, 466.	0.9	10

#	ARTICLE	IF	CITATIONS
145	Primary Spinal Cord Melanoma. <i>Journal of Korean Neurosurgical Society</i> , 2010, 48, 157.	0.5	39
146	A Case of Extensive Spinal Cysticercosis Involving the Whole Spinal Canal in a Patient with a History of Cerebral Cysticercosis. <i>Yonsei Medical Journal</i> , 2009, 50, 582.	0.9	15
147	Clinical and Radiological Findings of Discogenic Low Back Pain Confirmed by Automated Pressure-Controlled Discography. <i>Journal of Korean Neurosurgical Society</i> , 2009, 46, 333.	0.5	12
148	Stereotactic spine radiosurgery for intradural and intramedullary metastasis. <i>Neurosurgical Focus</i> , 2009, 27, E10.	1.0	61
149	Artificial Disc Replacement Combined With Fusion Versus Two-Level Fusion in Cervical Two-Level Disc Disease. <i>Spine</i> , 2009, 34, 1153-1159.	1.0	109
150	Factors Influencing Manometric Pressure During Pressure-Controlled Discography. <i>Spine</i> , 2009, 34, E790-E793.	1.0	13
151	Automated Pressure-Controlled Discography with Constant Injection Speed and Real-Time Pressure Measurement. <i>Journal of Korean Neurosurgical Society</i> , 2009, 46, 16.	0.5	5
152	The efficacy of microendoscopic discectomy in reducing iatrogenic muscle injury. <i>Journal of Neurosurgery: Spine</i> , 2008, 8, 39-43.	0.9	98
153	A Dumbbell-Shaped Solitary Fibrous Tumor of the Cervical Spinal Cord. <i>Yonsei Medical Journal</i> , 2008, 49, 167.	0.9	13
154	Clinical Relevance of Pain Patterns in Osteoporotic Vertebral Compression Fractures. <i>Journal of Korean Medical Science</i> , 2008, 23, 1005.	1.1	22
155	Early Results from Posterior Cervical Fusion with a Screw-Rod System. <i>Yonsei Medical Journal</i> , 2007, 48, 440.	0.9	13
156	Usefulness of Pain Distribution Pattern Assessment in Decision-Making for the Patients with Lumbar Zygapophyseal and Sacroiliac Joint Arthropathy. <i>Journal of Korean Medical Science</i> , 2007, 22, 1048.	1.1	34
157	Early Clinical Experience with the Mobi-C Disc Prosthesis. <i>Yonsei Medical Journal</i> , 2007, 48, 457.	0.9	32
158	Spinal Cord Tumors of the Thoracolumbar Junction Requiring Surgery: A Retrospective Review of Clinical Features and Surgical Outcome. <i>Yonsei Medical Journal</i> , 2007, 48, 988.	0.9	2