

Yong-Eun Cho

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

1,908
citations

279487

23
h-index

315357

38
g-index

111
all docs

111
docs citations

111
times ranked

1989
citing authors

#	ARTICLE	IF	CITATIONS
1	Surgical management of spontaneous spinal epidural hematoma. <i>European Spine Journal</i> , 2006, 15, 998-1004.	1.0	119
2	Paraspinal muscle, facet joint, and disc problems: risk factors for adjacent segment degeneration after lumbar fusion. <i>Spine Journal</i> , 2016, 16, 867-875.	0.6	105
3	Intramedullary high signal intensity and neurological status as prognostic factors in cervical spondylotic myelopathy. <i>Acta Neurochirurgica</i> , 2010, 152, 1687-1694.	0.9	90
4	Contributing factors affecting the prognosis surgical outcome for thoracic OLF. <i>European Spine Journal</i> , 2006, 15, 485-491.	1.0	80
5	Unilateral versus bilateral percutaneous pedicle screw fixation in minimally invasive transforaminal lumbar interbody fusion. <i>Neurosurgical Focus</i> , 2013, 35, E11.	1.0	62
6	Clinical Approach and Surgical Strategy for Spinal Diseases in Pregnant Women. <i>Spine</i> , 2008, 33, E614-E619.	1.0	61
7	Spinal Surgery in Patients With End-Stage Renal Disease Undergoing Hemodialysis Therapy. <i>Spine</i> , 2009, 34, 1990-1994.	1.0	56
8	Prevalence, Distribution, and Significance of Incidental Thoracic Ossification of the Ligamentum Flavum in Korean Patients with Back or Leg Pain : MR-Based Cross Sectional Study. <i>Journal of Korean Neurosurgical Society</i> , 2015, 58, 112.	0.5	50
9	What are the associative factors of adjacent segment degeneration after anterior cervical spine surgery? Comparative study between anterior cervical fusion and arthroplasty with 5-year follow-up MRI and CT. <i>European Spine Journal</i> , 2013, 22, 1078-1089.	1.0	49
10	Modified global alignment and proportion scoring with body mass index and bone mineral density (GAPB) for improving predictions of mechanical complications after adult spinal deformity surgery. <i>Spine Journal</i> , 2020, 20, 776-784.	0.6	44
11	Efficacy of Postural Reduction in Osteoporotic Vertebral Compression Fractures Followed by Percutaneous Vertebroplasty. <i>Neurosurgery</i> , 2006, 58, 695-700.	0.6	43
12	Optimization of the optical transparency of rodent tissues by modified PACT-based passive clearing. <i>Experimental and Molecular Medicine</i> , 2016, 48, e274-e274.	3.2	42
13	Thoracic Ligament Ossification in Patients With Cervical Ossification of the Posterior Longitudinal Ligaments. <i>Spine</i> , 2008, 33, E407-E410.	1.0	41
14	Minimally Invasive Transforaminal Lumbar Interbody Fusion in Multilevel: Comparison with Conventional Transforaminal Interbody Fusion. <i>World Neurosurgery</i> , 2016, 85, 236-243.	0.7	40
15	Kyphoplasty Versus Vertebroplasty. <i>Journal of Spinal Disorders and Techniques</i> , 2012, 25, 338-344.	1.8	39
16	Surgical Treatment of Primary Spinal Tumors in the Conus Medullaris. <i>Journal of Korean Neurosurgical Society</i> , 2008, 44, 72.	0.5	39
17	MAGNETIC RESONANCE IMAGING FINDINGS OF SUBSEQUENT FRACTURES AFTER VERTEBROPLASTY. <i>Neurosurgery</i> , 2009, 64, 740-745.	0.6	37
18	Thermatomal changes in cervical disc herniations. <i>Yonsei Medical Journal</i> , 1999, 40, 401.	0.9	33

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19	Minimally Invasive Transforaminal Lumbar Interbody Fusion for Spondylolisthesis: Comparison Between Isthmic and Degenerative Spondylolisthesis. <i>World Neurosurgery</i> , 2015, 84, 1284-1293.	0.7	33
20	Surgical Outcomes after Traumatic Vertebral Fractures in Patients with Ankylosing Spondylitis. <i>Journal of Korean Neurosurgical Society</i> , 2014, 56, 108.	0.5	31
21	The relevance of intramedullary high signal intensity and gadolinium (Gd-DTPA) enhancement to the clinical outcome in cervical compressive myelopathy. <i>European Spine Journal</i> , 2011, 20, 2267-2274.	1.0	30
22	Neurological Outcome after Surgical Treatment of Intramedullary Spinal Cord Tumors. <i>Korean Journal of Spine</i> , 2014, 11, 121.	0.9	30
23	A retrospective observational study on the treatment outcomes of 26 patients with spinal cord astrocytoma including two cases of malignant transformation. <i>European Spine Journal</i> , 2016, 25, 4067-4079.	1.0	28
24	An <i>in vivo</i> cell-based assay for investigating the specific interaction between the SARS-CoV N-protein and its viral RNA packaging sequence. <i>Biochemical and Biophysical Research Communications</i> , 2019, 520, 499-506.	1.0	28
25	Changes in Spinal Canal Diameter and Vertebral Body Height with Age. <i>Yonsei Medical Journal</i> , 2013, 54, 1498.	0.9	26
26	Association between BMP-2 and COL6A1 gene polymorphisms with susceptibility to ossification of the posterior longitudinal ligament of the cervical spine in Korean patients and family members. <i>Genetics and Molecular Research</i> , 2014, 13, 2240-2247.	0.3	24
27	Signal intensity ratio on magnetic resonance imaging as a prognostic factor in patients with cervical compressive myelopathy. <i>Medicine (United States)</i> , 2016, 95, e4649.	0.4	24
28	Clinical relation among dural adhesion, dural ossification, and dural laceration in the removal of ossification of the ligamentum flavum. <i>Spine Journal</i> , 2018, 18, 747-754.	0.6	24
29	Accelerated L5-S1 Segment Degeneration after Spinal Fusion on and above L4-5 : Minimum 4-Year Follow-Up Results. <i>Journal of Korean Neurosurgical Society</i> , 2009, 45, 81.	0.5	24
30	Anterior Cervical Discectomy and Fusion Alters Whole-Spine Sagittal Alignment. <i>Yonsei Medical Journal</i> , 2015, 56, 1060.	0.9	23
31	Minimally Invasive Transforaminal Lumbar Interbody Fusion with Unilateral Pedicle Screw Fixation: Comparison between Primary and Revision Surgery. <i>BioMed Research International</i> , 2014, 2014, 1-6.	0.9	22
32	Ventriculus Terminalis in Adults: Unusual Magnetic Resonance Imaging Features and Review of the Literature. <i>Korean Journal of Radiology</i> , 2012, 13, 557.	1.5	21
33	Which iodinated contrast media is the least cytotoxic to human disc cells?. <i>Spine Journal</i> , 2015, 15, 1021-1027.	0.6	21
34	Spine surgeon's kinematics during discectomy according to operating table height and the methods to visualize the surgical field. <i>European Spine Journal</i> , 2012, 21, 2704-2712.	1.0	20
35	Triamcinolone decreases bupivacaine toxicity to intervertebral disc cell <i>in vitro</i> . <i>Spine Journal</i> , 2012, 12, 665-673.	0.6	19
36	Epidemiology of C5 Palsy after Cervical Spine Surgery: A 21-Center Study. <i>Neurospine</i> , 2019, 16, 558-562.	1.1	19

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37	Long Term Efficacy of Posterior Lumbar Interbody Fusion with Standard Cages alone in Lumbar Disc Diseases Combined with Modic Changes. <i>Journal of Korean Neurosurgical Society</i> , 2009, 46, 322.	0.5	19
38	Diagnosis of Cervical OPLL in Lateral Radiograph and MRI: Is it Reliable?. <i>Korean Journal of Spine</i> , 2012, 9, 205.	0.9	18
39	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
40	Anatomical parameters of fifth lumbar vertebra in L5-S1 spondylolytic spondylolisthesis from a surgical point of view. <i>European Spine Journal</i> , 2014, 23, 1896-1902.	1.0	17
41	Survival Rate and Neurological Outcome after Operation for Advanced Spinal Metastasis (Tomita's) Tj ETQq1 1 0.784314 rgBT/Overlo	0.9	16
42	Modified Global Alignment and Proportion Scoring With Body Mass Index and Bone Mineral Density Analysis in Global Alignment and Proportion Score of Each 3 Categories for Predicting Mechanical Complications After Adult Spinal Deformity Surgery. <i>Neurospine</i> , 2021, 18, 484-491.	1.1	16
43	Surgical Treatment in Patients with Cervical Osteomyelitis: Single Institute's Experiences. <i>Korean Journal of Spine</i> , 2014, 11, 162.	0.9	15
44	Characteristics and Risk Factors of Rod Fracture Following Adult Spinal Deformity Surgery: A Systematic Review and Meta-Analysis. <i>Neurospine</i> , 2021, 18, 447-454.	1.1	15
45	Time- and dose-dependent cytotoxicities of ioxitalamate and indigocarmine in human nucleus pulposus cells. <i>Spine Journal</i> , 2013, 13, 564-571.	0.6	14
46	Association of complete uncinata process removal on 2-year assessment of radiologic outcomes: subsidence and sagittal balance in patients receiving one-level anterior cervical discectomy and fusion. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 439.	0.8	14
47	Surgical Outcomes After Segmental Limited Surgery for Adjacent Segment Disease: The Consequences of Makeshift Surgery. <i>World Neurosurgery</i> , 2018, 110, e258-e265.	0.7	14
48	Spine surgeon's kinematics during discectomy, part II: Operating table height and visualization methods, including microscope. <i>European Spine Journal</i> , 2014, 23, 1067-1076.	1.0	13
49	Management of Esophageal and Pharyngeal Perforation as Complications of Anterior Cervical Spine Surgery. <i>World Neurosurgery</i> , 2017, 102, 275-283.	0.7	13
50	Predictors of Successful Outcome for Lumbar Chemonucleolysis: Analysis of 3000 Cases during the Past 14 Years. <i>Neurosurgery</i> , 2002, 51, S2-123-S2-128.	0.6	12
51	MR imaging features that distinguish spinal cavernous angioma from hemorrhagic ependymoma and serial MRI changes in cavernous angioma. <i>Journal of Neuro-Oncology</i> , 2016, 130, 229-236.	1.4	12
52	Bone Mineral Density Changes after Orchiectomy using a Scrotal Approach in Rats. <i>Korean Journal of Spine</i> , 2015, 12, 55.	0.9	12
53	Burst Fractures as a Result of Attempted Suicide by Jumping. <i>Korean Journal of Neurotrauma</i> , 2014, 10, 70.	0.2	11
54	Changes in Bone Metabolism in Young Castrated Male Rats. <i>Yonsei Medical Journal</i> , 2016, 57, 1386.	0.9	11

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55	Which Is More Predictive Value for Mechanical Complications: Fixed Thoracolumbar Alignment (T1) Tj ETQq1 1 0.784314 rgBT /Overl 597-607.	1.1	10
56	Progression of Cervical Ossification of Posterior Longitudinal Ligament After Laminoplasty or Laminectomy With Posterior Fixation. <i>Clinical Spine Surgery</i> , 2019, 32, 363-368.	0.7	9
57	Investigation of PRDM7 and PRDM12 expression pattern during mouse embryonic development by using a modified passive clearing technique. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 346-353.	1.0	9
58	Comparison of Endovascular Embolization and Surgery in the Treatment of Spinal Intradural Dorsal Arteriovenous Fistulas. <i>World Neurosurgery</i> , 2019, 122, e1519-e1527.	0.7	8
59	Does minimally invasive fusion technique influence surgical outcomes in isthmic spondylolisthesis?. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2019, 28, 33-40.	0.6	8
60	Ossification foci act as stabilizers in continuous-type ossification of the posterior longitudinal ligament: a comparative study between laminectomy and laminoplasty. <i>Acta Neurochirurgica</i> , 2017, 159, 1783-1790.	0.9	7
61	Surgical Strategy for Sacral Tumor Resection. <i>Yonsei Medical Journal</i> , 2021, 62, 59.	0.9	7
62	Anterior Lumbar Interbody Fusion for the Treatment of Postoperative Spondylodiscitis. <i>Journal of Korean Neurosurgical Society</i> , 2014, 56, 310.	0.5	7
63	Evaluation of Intrasyrinx Fluid Motion by Spatial Modulation of Magnetization-Magnetic Resonance Imaging in Syringomyelia With Long-Term Follow-Up. <i>Journal of Computer Assisted Tomography</i> , 2008, 32, 135-140.	0.5	6
64	The Influences of Different Ratios of Biphasic Calcium Phosphate and Collagen Augmentation on Posterior Lumbar Spinal Fusion in Rat Model. <i>Yonsei Medical Journal</i> , 2017, 58, 407.	0.9	6
65	Residence could influence the surgical outcome after corrective surgery in adult spinal deformity: comparison study between urban and rural area in Korea. <i>European Spine Journal</i> , 2019, 28, 2216-2222.	1.0	6
66	Influence of Frailty on Life Expectancy in Octogenarians After Lumbar Spine Surgery. <i>Neurospine</i> , 2021, 18, 303-310.	1.1	6
67	Comparative Analyses of Clearing Efficacies of Tissue Clearing Protocols by Using a Punching Assisted Clarity Analysis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 784626.	2.0	6
68	Digital infrared thermographic imaging in patients with gastroesophageal reflux disease. <i>Journal of Korean Medical Science</i> , 1998, 13, 291.	1.1	5
69	Novel Passive Clearing Methods for the Rapid Production of Optical Transparency in Whole CNS Tissue. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	5
70	Investigation of PRDM10 and PRDM13 Expression in Developing Mouse Embryos by an Optimized PACT-Based Embryo Clearing Method. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2892.	1.8	5
71	A PET/CT-based Morphometric Study of Spinal Canal in Korean Young Adults: Anteroposterior Diameter from Cervical Vertebra to Sacrum. <i>Korean Journal of Spine</i> , 2012, 9, 165.	0.9	5
72	Analysis of Factors Contributing to Repeat Surgery in Multi-Segments Cervical Ossification of Posterior Longitudinal Ligament. <i>Journal of Korean Neurosurgical Society</i> , 2018, 61, 224-232.	0.5	5

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73	Intramedullary Cavernous Hemangioma with Calcification of Spinal Cord. World Neurosurgery, 2019, 130, 298-303.	0.7	4
74	Retrospective Study on Accuracy of Intraoperative Frozen Section Biopsy in Spinal Tumors. World Neurosurgery, 2019, 129, e152-e157.	0.7	4
75	Correlation between preoperative somatosensory evoked potentials and intraoperative neurophysiological monitoring in spinal cord tumors. Journal of Clinical Monitoring and Computing, 2021, 35, 979-991.	0.7	4
76	The Fate of Proximal Junctional Vertebral Fractures after Long-Segment Spinal Fixation : Are There Predictable Radiologic Characteristics for Revision surgery?. Journal of Korean Neurosurgical Society, 2021, 64, 437-446.	0.5	4
77	The Future of Spine Surgery in the Fourth Industrial Revolution: Telerobotic Spine Surgery. Neurospine, 2020, 17, 123-124.	1.1	4
78	Thermographic Diagnosis of Whiplash Injury with/without Radiculopathy. Key Engineering Materials, 2006, 321-323, 845-848.	0.4	3
79	Biologic Response of Degenerative Living Human Nucleus Pulposus Cells to Treatment with Cytokines. Yonsei Medical Journal, 2015, 56, 277.	0.9	3
80	Anterior cervical discectomy and fusion vs posterior laminoplasty for the treatment of myelopathy due to two-level localized ossification of the posterior longitudinal ligament. Medicine (United Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 45		
81	Prevalence of Neuropathic Pain in Patients Scheduled for Lumbar Spine Surgery: Nationwide, Multicenter, Prospective Study. Pain Physician, 2015, 18, E889-97.	0.3	3
82	A prospective study of non-surgical versus surgical treatment for lumbar spinal stenosis without instability. Journal of Clinical Neuroscience, 2020, 80, 100-107.	0.8	2
83	Revision Surgery for a Failed Artificial Disc. Yonsei Medical Journal, 2021, 62, 240.	0.9	2
84	Percutaneous Onyx Embolization of Recurrent Cervical Nerve Root Hemangioblastoma. Clinical Neuroradiology, 2021, 31, 1209-1213.	1.0	2
85	Diagnosis and surgical treatment of arachnoid web. Daehan Noin Sin'gyeong Oe'gwa Haghoeji, 2021, 17, 25-30.	0.1	2
86	Effects of intravenous methylprednisolone on intraoperative neurophysiological monitoring during spinal cord tumor surgery: a case report. Journal of Intraoperative Neurophysiology, 2019, 1, 50-54.	0.3	2
87	Differential Screening of Herniated Lumbar Discs Based on Bag of Visual Words Image Classification Using Digital Infrared Thermographic Images. Healthcare (Switzerland), 2022, 10, 1094.	1.0	2
88	Cortical Margining Capabilities of Fins Associated with Ventral Cervical Spine Instrumentation. Yonsei Medical Journal, 2005, 46, 372.	0.9	1
89	A Spinal Cord Astrocytoma and Its Concurrent Osteoblastic Metastases at the Time of the Initial Diagnosis: a Case Report and Literature Review. Korean Journal of Radiology, 2011, 12, 620.	1.5	1
90	Herniated Discs at the Cervicothoracic Junction. World Neurosurgery, 2018, 118, e651-e658.	0.7	1

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91	Developing a Quantifying Device for Soft Tissue Material Properties around Lumbar Spines. Biosensors, 2021, 11, 67.	2.3	1
92	Intraoperative evoked potentials in patients with ossification of posterior longitudinal ligament. Journal of Clinical Monitoring and Computing, 2021, , 1.	0.7	1
93	A Novel Blasted and Grooved Low Profile Pedicle Screw Able to Resist High Compression Bending Loads. Korean Journal of Spine, 2012, 9, 61.	0.9	1
94	Load Sharing Mechanism Across Graft-Bone Interface in Static Cervical Locking Plate Fixation. Journal of Korean Neurosurgical Society, 2009, 45, 213.	0.5	1
95	Correlation of pain severity with thermography. , 0, , .		0
96	MR Manifestations of Vertebral Artery Injuries in Cervical Spine Trauma. Journal of the Korean Radiological Society, 1996, 35, 667.	0.0	0
97	Joint kinematics of surgeons during lumbar pedicle screw placement. International Journal of Medical Robotics and Computer Assisted Surgery, 2016, 12, 701-709.	1.2	0
98	Preoperative radiographic clues for transdural disc herniation: could it be predictable?. Acta Neurochirurgica, 2019, 161, 2409-2414.	0.9	0
99	Different Expression of Extracellular Matrix Genes : Primary vs. Recurrent Disc Herniation. Journal of Korean Neurosurgical Society, 2010, 47, 26.	0.5	0
100	Intramedullary Spinal Lesions Involving the Conus Medullaris: MR Imaging Features for Differential Diagnosis. Journal of the Korean Society of Magnetic Resonance in Medicine, 2014, 18, 144.	0.1	0
101	Usefulness of Dynamic Contrast Enhanced Lumbar Spine MR Imaging in Postoperative Herniated Lumbar Disc. Journal of the Korean Radiological Society, 1999, 40, 231.	0.0	0
102	Examination of specific binding activity of packaging sequence RNAs to the SARS-CoV nucleocapsid by using cell-based in vivo assay for RNA-Protein interaction. FASEB Journal, 2019, 33, lb223.	0.2	0
103	Three-dimensional reconstruction of Prdm family gene expression patterns during mouse development stage by tissue clearing technique. FASEB Journal, 2019, 33, lb189.	0.2	0