

Yong-Eun Cho

List of Publications by Year in descending order

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103
papers

1,908
citations

279798

23
h-index

315739

38
g-index

111
all docs

111
docs citations

111
times ranked

1989
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Screening of Herniated Lumbar Discs Based on Bag of Visual Words Image Classification Using Digital Infrared Thermographic Images. Healthcare (Switzerland), 2022, 10, 1094.	2.0	2
2	Correlation between preoperative somatosensory evoked potentials and intraoperative neurophysiological monitoring in spinal cord tumors. Journal of Clinical Monitoring and Computing, 2021, 35, 979-991.	1.6	4
3	Revision Surgery for a Failed Artificial Disc. Yonsei Medical Journal, 2021, 62, 240.	2.2	2
4	Surgical Strategy for Sacral Tumor Resection. Yonsei Medical Journal, 2021, 62, 59.	2.2	7
5	Developing a Quantifying Device for Soft Tissue Material Properties around Lumbar Spines. Biosensors, 2021, 11, 67.	4.7	1
6	Intraoperative evoked potentials in patients with ossification of posterior longitudinal ligament. Journal of Clinical Monitoring and Computing, 2021, , 1.	1.6	1
7	Investigation of PRDM10 and PRDM13 Expression in Developing Mouse Embryos by an Optimized PACT-Based Embryo Clearing Method. International Journal of Molecular Sciences, 2021, 22, 2892.	4.1	5
8	Percutaneous Onyx Embolization of Recurrent Cervical Nerve Root Hemangioblastoma. Clinical Neuroradiology, 2021, 31, 1209-1213.	1.9	2
9	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.	1.2	4
10	Influence of Frailty on Life Expectancy in Octogenarians After Lumbar Spine Surgery. Neurospine, 2021, 18, 303-310.	2.9	6
11	Diagnosis and surgical treatment of arachnoid web. Daehan Noin Sin'gyeong Oe'gwa Haghoeji, 2021, 17, 25-30.	0.1	2
12	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. Neurospine, 2021, 18, 484-491.	2.9	16
13	Characteristics and Risk Factors of Rod Fracture Following Adult Spinal Deformity Surgery: A Systematic Review and Meta-Analysis. Neurospine, 2021, 18, 447-454.	2.9	15
14	Which Is More Predictive Value for Mechanical Complications: Fixed Thoracolumbar Alignment (T1) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 597-607.	2.9	10
15	Comparative Analyses of Clearing Efficacies of Tissue Clearing Protocols by Using a Punching Assisted Clarity Analysis. Frontiers in Bioengineering and Biotechnology, 2021, 9, 784626.	4.1	6
16	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. Spine Journal, 2020, 20, 776-784.	1.3	44
17	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
18	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 57	0.0	10

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19	Association of complete uncinate process removal on 2-year assessment of radiologic outcomes: subsidence and sagittal balance in patients receiving one-level anterior cervical discectomy and fusion. BMC Musculoskeletal Disorders, 2020, 21, 439.	1.9	14
20	Investigation of PRDM7 and PRDM12 expression pattern during mouse embryonic development by using a modified passive clearing technique. Biochemical and Biophysical Research Communications, 2020, 524, 346-353.	2.1	9
21	The Future of Spine Surgery in the Fourth Industrial Revolution: Telerobotic Spine Surgery. Neurospine, 2020, 17, 123-124.	2.9	4
22	Treatment outcomes of 17 patients with atypical spinal meningioma, including 4 with metastases: a retrospective observational study. Spine Journal, 2019, 19, 276-284.	1.3	18
23	Intramedullary Cavernous Hemangioma with Calcification of Spinal Cord. World Neurosurgery, 2019, 130, 298-303.	1.3	4
24	An inÂvivo cell-based assay for investigating the specific interaction between the SARS-CoV N-protein and its viral RNA packaging sequence. Biochemical and Biophysical Research Communications, 2019, 520, 499-506.	2.1	28
25	Preoperative radiographic clues for transdural disc herniation: could it be predictable?. Acta Neurochirurgica, 2019, 161, 2409-2414.	1.7	0
26	Retrospective Study on Accuracy of Intraoperative Frozen Section Biopsy in Spinal Tumors. World Neurosurgery, 2019, 129, e152-e157.	1.3	4
27	Residence could influence the surgical outcome after corrective surgery in adult spinal deformity: comparison study between urban and rural area in Korea. European Spine Journal, 2019, 28, 2216-2222.	2.2	6
28	Progression of Cervical Ossification of Posterior Longitudinal Ligament After Laminoplasty or Laminectomy With Posterior Fixation. Clinical Spine Surgery, 2019, 32, 363-368.	1.3	9
29	Comparison of Endovascular Embolization and Surgery in the Treatment of Spinal Intradural Dorsal Arteriovenous Fistulas. World Neurosurgery, 2019, 122, e1519-e1527.	1.3	8
30	Does minimally invasive fusion technique influence surgical outcomes in isthmic spondylolisthesis?. Minimally Invasive Therapy and Allied Technologies, 2019, 28, 33-40.	1.2	8
31	Epidemiology of C5 Palsy after Cervical Spine Surgery: A 21-Center Study. Neurospine, 2019, 16, 558-562.	2.9	19
32	Examination of specific binding activity of packaging sequence RNAs to the SARSâ€CoV nucleocapsid by using cellâ€based in vivo assay for RNAâ€Protein interaction. FASEB Journal, 2019, 33, lb223.	0.5	0
33	Threeâ€dimensional reconstruction of Prdm family gene expression patterns during mouse development stage by tissue clearing technique. FASEB Journal, 2019, 33, lb189.	0.5	0
34	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
35	Clinical relation among dural adhesion, dural ossification, and dural laceration in the removal of ossification of the ligamentum flavum. Spine Journal, 2018, 18, 747-754.	1.3	24
36	Novel Passive Clearing Methods for the Rapid Production of Optical Transparency in Whole CNS Tissue. Journal of Visualized Experiments, 2018, , .	0.3	5

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37	Herniated Discs at the Cervicothoracic Junction. <i>World Neurosurgery</i> , 2018, 118, e651-e658.	1.3	1
38	Surgical Outcomes After Segmental Limited Surgery for Adjacent Segment Disease: The Consequences of Makeshift Surgery. <i>World Neurosurgery</i> , 2018, 110, e258-e265.	1.3	14
39	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.	1.2	5
40	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.	1.7	7
41	Management of Esophageal and Pharyngeal Perforation as Complications of Anterior Cervical Spine Surgery. <i>World Neurosurgery</i> , 2017, 102, 275-283.	1.3	13
42	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.	2.2	6
43	Changes in Bone Metabolism in Young Castrated Male Rats. <i>Yonsei Medical Journal</i> , 2016, 57, 1386.	2.2	11
44	Optimization of the optical transparency of rodent tissues by modified PACT-based passive clearing. <i>Experimental and Molecular Medicine</i> , 2016, 48, e274-e274.	7.7	42
45	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.	1.0	24
46	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.	2.2	28
47	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.	2.9	12
48	Joint kinematics of surgeons during lumbar pedicle screw placement. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2016, 12, 701-709.	2.3	0
49	Paraspinal muscle, facet joint, and disc problems: risk factors for adjacent segment degeneration after lumbar fusion. <i>Spine Journal</i> , 2016, 16, 867-875.	1.3	105
50	Minimally Invasive Transforaminal Lumbar Interbody Fusion in Multilevel: Comparison with Conventional Transforaminal Interbody Fusion. <i>World Neurosurgery</i> , 2016, 85, 236-243.	1.3	40
51	Anterior Cervical Discectomy and Fusion Alters Whole-Spine Sagittal Alignment. <i>Yonsei Medical Journal</i> , 2015, 56, 1060.	2.2	23
52	Biologic Response of Degenerative Living Human Nucleus Pulposus Cells to Treatment with Cytokines. <i>Yonsei Medical Journal</i> , 2015, 56, 277.	2.2	3
53	Minimally Invasive Transforaminal Lumbar Interbody Fusion for Spondylolisthesis: Comparison Between Isthmic and Degenerative Spondylolisthesis. <i>World Neurosurgery</i> , 2015, 84, 1284-1293.	1.3	33
54	Which iodinated contrast media is the least cytotoxic to human disc cells?. <i>Spine Journal</i> , 2015, 15, 1021-1027.	1.3	21

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55	Bone Mineral Density Changes after Orchiectomy using a Scrotal Approach in Rats. Korean Journal of Spine, 2015, 12, 55.	0.9	12
56	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. Journal of Korean Neurosurgical Society, 2015, 58, 112.	1.2	50
57	Prevalence of Neuropathic Pain in Patients Scheduled for Lumbar Spine Surgery: Nationwide, Multicenter, Prospective Study. Pain Physician, 2015, 18, E889-97.	0.4	3
58	Minimally Invasive Transforaminal Lumbar Interbody Fusion with Unilateral Pedicle Screw Fixation: Comparison between Primary and Revision Surgery. BioMed Research International, 2014, 2014, 1-6.	1.9	22
59	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. Genetics and Molecular Research, 2014, 13, 2240-2247.	0.2	24
60	Burst Fractures as a Result of Attempted Suicide by Jumping. Korean Journal of Neurotrauma, 2014, 10, 70.	0.6	11
61	Surgical Treatment in Patients with Cervical Osteomyelitis: Single Institute's Experiences. Korean Journal of Spine, 2014, 11, 162.	0.9	15
62	Spine surgeon's kinematics during discectomy, part II: Operating table height and visualization methods, including microscope. European Spine Journal, 2014, 23, 1067-1076.	2.2	13
63	Anatomical parameters of fifth lumbar vertebra in L5/S1 spondylolytic spondylolisthesis from a surgical point of view. European Spine Journal, 2014, 23, 1896-1902.	2.2	17
64	Neurological Outcome after Surgical Treatment of Intramedullary Spinal Cord Tumors. Korean Journal of Spine, 2014, 11, 121.	0.9	30
65	Surgical Outcomes after Traumatic Vertebral Fractures in Patients with Ankylosing Spondylitis. Journal of Korean Neurosurgical Society, 2014, 56, 108.	1.2	31
66	Anterior Lumbar Interbody Fusion for the Treatment of Postoperative Spondylodiscitis. Journal of Korean Neurosurgical Society, 2014, 56, 310.	1.2	7
67	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
68	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. European Spine Journal, 2013, 22, 1078-1089.	2.2	49
69	Time- and dose-dependent cytotoxicities of ioxitalamate and indigocarmine in human nucleus pulposus cells. Spine Journal, 2013, 13, 564-571.	1.3	14
70	Unilateral versus bilateral percutaneous pedicle screw fixation in minimally invasive transforaminal lumbar interbody fusion. Neurosurgical Focus, 2013, 35, E11.	2.3	62
71	Changes in Spinal Canal Diameter and Vertebral Body Height with Age. Yonsei Medical Journal, 2013, 54, 1498.	2.2	26
72	Kyphoplasty Versus Vertebroplasty. Journal of Spinal Disorders and Techniques, 2012, 25, 338-344.	1.9	39

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73	Triamcinolone decreases bupivacaine toxicity to intervertebral disc cell in vitro. Spine Journal, 2012, 12, 665-673.	1.3	19
74	Spine surgeon's kinematics during discectomy according to operating table height and the methods to visualize the surgical field. European Spine Journal, 2012, 21, 2704-2712.	2.2	20
75	Ventriculus Terminalis in Adults: Unusual Magnetic Resonance Imaging Features and Review of the Literature. Korean Journal of Radiology, 2012, 13, 557.	3.4	21
76	Diagnosis of Cervical OPLL in Lateral Radiograph and MRI: Is it Reliable?. Korean Journal of Spine, 2012, 9, 205.	0.9	18
77	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
78	A PET/CT-based Morphometric Study of Spinal Canal in Korean Young Adults: Anteroposterior Diameter from Cervical Vertebra to Sacrum. Korean Journal of Spine, 2012, 9, 165.	0.9	5
79	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.	3.4	1
80	The relevance of intramedullary high signal intensity and gadolinium (Gd-DTPA) enhancement to the clinical outcome in cervical compressive myelopathy. European Spine Journal, 2011, 20, 2267-2274.	2.2	30
81	Intramedullary high signal intensity and neurological status as prognostic factors in cervical spondylotic myelopathy. Acta Neurochirurgica, 2010, 152, 1687-1694.	1.7	90
82	Different Expression of Extracellular Matrix Genes : Primary vs. Recurrent Disc Herniation. Journal of Korean Neurosurgical Society, 2010, 47, 26.	1.2	0
83	Survival Rate and Neurological Outcome after Operation for Advanced Spinal Metastasis (Tomita's) Tj ETQq1 1 0.784314 rgBT /Overlock	2.2	16
84	Spinal Surgery in Patients With End-Stage Renal Disease Undergoing Hemodialysis Therapy. Spine, 2009, 34, 1990-1994.	2.0	56
85	MAGNETIC RESONANCE IMAGING FINDINGS OF SUBSEQUENT FRACTURES AFTER VERTEBROPLASTY. Neurosurgery, 2009, 64, 740-745.	1.1	37
86	Accelerated L5-S1 Segment Degeneration after Spinal Fusion on and above L4-5 : Minimum 4-Year Follow-Up Results. Journal of Korean Neurosurgical Society, 2009, 45, 81.	1.2	24
87	Load Sharing Mechanism Across Graft-Bone Interface in Static Cervical Locking Plate Fixation. Journal of Korean Neurosurgical Society, 2009, 45, 213.	1.2	1
88	Long Term Efficacy of Posterior Lumbar Interbody Fusion with Standard Cages alone in Lumbar Disc Diseases Combined with Modic Changes. Journal of Korean Neurosurgical Society, 2009, 46, 322.	1.2	19
89	Clinical Approach and Surgical Strategy for Spinal Diseases in Pregnant Women. Spine, 2008, 33, E614-E619.	2.0	61
90	Thoracic Ligament Ossification in Patients With Cervical Ossification of the Posterior Longitudinal Ligaments. Spine, 2008, 33, E407-E410.	2.0	41

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91	Evaluation of Intrasyrnix Fluid Motion by Spatial Modulation of Magnetization-Magnetic Resonance Imaging in Syringomyelia With Long-Term Follow-Up. Journal of Computer Assisted Tomography, 2008, 32, 135-140.	0.9	6
92	Surgical Treatment of Primary Spinal Tumors in the Conus Medullaris. Journal of Korean Neurosurgical Society, 2008, 44, 72.	1.2	39
93	Efficacy of Postural Reduction in Osteoporotic Vertebral Compression Fractures Followed by Percutaneous Vertebroplasty. Neurosurgery, 2006, 58, 695-700.	1.1	43
94	Contributing factors affecting the prognosis surgical outcome for thoracic OLF. European Spine Journal, 2006, 15, 485-491.	2.2	80
95	Surgical management of spontaneous spinal epidural hematoma. European Spine Journal, 2006, 15, 998-1004.	2.2	119
96	Thermographic Diagnosis of Whiplash Injury with/without Radiculopathy. Key Engineering Materials, 2006, 321-323, 845-848.	0.4	3
97	Cortical Margining Capabilities of Fins Associated with Ventral Cervical Spine Instrumentation. Yonsei Medical Journal, 2005, 46, 372.	2.2	1
98	Predictors of Successful Outcome for Lumbar Chemonucleolysis: Analysis of 3000 Cases during the Past 14 Years. Neurosurgery, 2002, 51, S2-123-S2-128.	1.1	12
99	Theratomal changes in cervical disc herniations. Yonsei Medical Journal, 1999, 40, 401.	2.2	33
100	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
101	Digital infrared thermographic imaging in patients with gastroesophageal reflux disease. Journal of Korean Medical Science, 1998, 13, 291.	2.5	5
102	MR Manifestations of Vertebral Artery Injuries in Cervical Spine Trauma. Journal of the Korean Radiological Society, 1996, 35, 667.	0.0	0
103	Correlation of pain severity with thermography. , 0, , .		0