

Ki-Jeong Kim

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

1,411
citations

361413

20
h-index

414414

32
g-index

82
all docs

82
docs citations

82
times ranked

1400
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship Between T1 Slope and Cervical Alignment Following Multilevel Posterior Cervical Fusion Surgery. <i>Spine</i> , 2016, 41, E396-E402.	2.0	129
2	Proximal Junctional Kyphosis and Proximal Junctional Failure Following Adult Spinal Deformity Surgery. <i>Korean Journal of Spine</i> , 2017, 14, 126-132.	0.9	97
3	Rod stiffness as a risk factor of proximal junctional kyphosis after adult spinal deformity surgery: comparative study between cobalt chrome multiple-rod constructs and titanium alloy two-rod constructs. <i>Spine Journal</i> , 2017, 17, 962-968.	1.3	78
4	Laminoplasty versus laminectomy and fusion for multilevel cervical myelopathy: a meta-analysis of clinical and radiological outcomes. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 589-595.	1.7	68
5	Clinical Impact of T1 Slope Minus Cervical Lordosis After Multilevel Posterior Cervical Fusion Surgery. <i>Spine</i> , 2017, 42, 1859-1864.	2.0	48
6	Effectiveness and Safety of Tranexamic Acid in Spinal Deformity Surgery. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 75-81.	1.2	48
7	Efficiency of lead aprons in blocking radiation – how protective are they?. <i>Heliyon</i> , 2016, 2, e00117.	3.2	47
8	Free Hand Insertion Technique of S2 Sacral Alar-Iliac Screws for Spino-Pelvic Fixation: Technical Note, Cadaveric Study. <i>Journal of Korean Neurosurgical Society</i> , 2015, 58, 578.	1.2	43
9	Comparative Study Between Cobalt Chrome and Titanium Alloy Rods for Multilevel Spinal Fusion: Proximal Junctional Kyphosis More Frequently Occurred in Patients Having Cobalt Chrome Rods. <i>World Neurosurgery</i> , 2017, 103, 404-409.	1.3	36
10	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
11	Pyogenic Vertebral Osteomyelitis: Clinical Features, Diagnosis, and Treatment. <i>Korean Journal of Spine</i> , 2017, 14, 27-34.	0.9	32
12	Assessment of T1 Slope Minus Cervical Lordosis and C2-7 Sagittal Vertical Axis Criteria of a Cervical Spine Deformity Classification System Using Long-Term Follow-up Data After Multilevel Posterior Cervical Fusion Surgery. <i>Operative Neurosurgery</i> , 2019, 16, 20-26.	0.8	30
13	S2 alar iliac screw placement under robotic guidance for adult spinal deformity patients: technical note. <i>European Spine Journal</i> , 2017, 26, 2198-2203.	2.2	28
14	Epidemiology of Iatrogenic Vertebral Artery Injury in Cervical Spine Surgery: 21 Multicenter Studies. <i>World Neurosurgery</i> , 2019, 126, e1050-e1054.	1.3	26
15	Accuracy of Free Hand Pedicle Screw Installation in the Thoracic and Lumbar Spine by a Young Surgeon: An Analysis of the First Consecutive 306 Screws Using Computed Tomography. <i>Asian Spine Journal</i> , 2014, 8, 237.	2.0	25
16	Surgical Impact on Global Sagittal Alignment and Health-Related Quality of Life Following Cervical Kyphosis Correction Surgery: Systematic Review. <i>Neurospine</i> , 2020, 17, 497-504.	2.9	25
17	A Comparative Radiographic Analysis of Fusion Rate between L4-5 and L5-S1 in a Single Level Posterior Lumbar Interbody Fusion. <i>Korean Journal of Spine</i> , 2015, 12, 60.	0.9	23
18	Cervical compressive myelopathy: flow analysis of cerebrospinal fluid using phase-contrast magnetic resonance imaging. <i>European Spine Journal</i> , 2017, 26, 40-48.	2.2	21

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19	Single Stage Posterior Approach for Total Resection of Presacral Giant Schwannoma: A Technical Case Report. Korean Journal of Spine, 2017, 14, 89-92.	0.9	21
20	Bicortical Screw Purchase at Upper Instrumented Vertebra (UIV) Can Cause UIV Fracture After Adult Spinal Deformity Surgery: A Finite Element Analysis Study. Neurospine, 2020, 17, 377-383.	2.9	21
21	Spinal Cord Subependymoma Surgery : A Multi-Institutional Experience. Journal of Korean Neurosurgical Society, 2018, 61, 233-242.	1.2	20
22	Relationship Between Cervical Sagittal Alignment and Patient Outcomes After Anterior Cervical Fusion Surgery Involving 3 or More Levels. World Neurosurgery, 2018, 113, e548-e554.	1.3	19
23	Epidemiology of C5 Palsy after Cervical Spine Surgery: A 21-Center Study. Neurospine, 2019, 16, 558-562.	2.9	19
24	Durability and Failure Types of S2-Alar-Iliac Screws: An Analysis of 312 Consecutive Screws. Operative Neurosurgery, 2021, 20, 91-97.	0.8	18
25	Intradural Extramedullary Metastasis of Small Cell Lung Cancer: A Case Report. Korean Journal of Spine, 2012, 9, 293.	0.9	17
26	Does Obesity Make an Influence on Surgical Outcomes Following Lumbar Microdiscectomy?. Korean Journal of Spine, 2014, 11, 68.	0.9	17
27	Comparison between Two Different Cervical Interbody Fusion Cages in One Level Stand-alone ACDF: Carbon Fiber Composite Frame Cage Versus Polyetheretherketone Cage. Korean Journal of Spine, 2014, 11, 127.	0.9	17
28	Effect of Vertebroplasty at the Upper Instrumented Vertebra and Upper Instrumented Vertebra+1 for Prevention of Proximal Junctional Failure in Adult Spinal Deformity Surgery: A Comparative Matched-Cohort Study. World Neurosurgery, 2019, 124, e436-e444.	1.3	16
29	A Case of Intradural-Extramedullary Form of Primary Spinal Cysticercosis Misdiagnosed as an Arachnoid Cyst. Journal of Korean Neurosurgical Society, 2014, 55, 226.	1.2	16
30	Reciprocal Changes in the Whole-Body Following Realignment Surgery in Adult Spinal Deformity. Asian Spine Journal, 2022, 16, 958-967.	2.0	16
31	Multi-channel motor evoked potential monitoring during anterior cervical discectomy and fusion. Clinical Neurophysiology Practice, 2017, 2, 48-53.	1.4	15
32	Freehand S2 Alar-Iliac Screw Placement Using K-Wire and Cannulated Screw : Technical Case Series. Journal of Korean Neurosurgical Society, 2018, 61, 75-80.	1.2	15
33	Comparative Study Between Pedicle Subtraction Osteotomy (PSO) and Closing-Opening Wedge Osteotomy (Fish-Mouth PSO) for Sagittal Plane Deformity Correction. Spine, 2017, 42, E899-E905.	2.0	14
34	Adolescent Idiopathic Scoliosis Surgery by a Neurosurgeon: Learning Curve for Neurosurgeons. World Neurosurgery, 2018, 110, e129-e134.	1.3	14
35	Long-Term Follow-Up Results of Anterior Cervical Inter-Body Fusion with Stand-Alone Cages. Journal of Korean Neurosurgical Society, 2016, 59, 385.	1.2	14
36	Long-Term Results Following Surgical Resection of Chordomas in the Craniocervical Junction and the Upper Cervical Spine: Review of 12 Consecutive Cases. Operative Neurosurgery, 2018, 14, 112-120.	0.8	12

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37	Failure to generate baseline muscle motor evoked potentials during spine surgery: Risk factors and association with the postoperative outcomes. <i>Clinical Neurophysiology</i> , 2018, 129, 2276-2283.	1.5	12
38	Multiple Intradural Disc Herniations Masquerading as Intradural Extramedullary Tumors: A Case Report and Review of the Literature. <i>Korean Journal of Spine</i> , 2016, 13, 30.	0.9	12
39	Surgical Outcomes According to Dekyphosis in Patients with Ossification of the Posterior Longitudinal Ligament in the Thoracic Spine. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 89-98.	1.2	12
40	Association between bicortical screw fixation at upper instrumented vertebra and risk for upper instrumented vertebra fracture. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 638-644.	1.7	11
41	The differential effect of cervical kyphosis correction surgery on global sagittal alignment and health-related quality of life according to head- and trunk-balanced subtype. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 839-848.	1.7	11
42	Selection of Fusion Level for Adolescent Idiopathic Scoliosis Surgery : Selective Fusion versus Postoperative Decompensation. <i>Journal of Korean Neurosurgical Society</i> , 2021, 64, 473-485.	1.2	11
43	Clinical Efficacy of Intra-Operative Cell Salvage System in Major Spinal Deformity Surgery. <i>Journal of Korean Neurosurgical Society</i> , 2019, 62, 53-60.	1.2	11
44	Radiographic and Clinical Outcomes Following Pedicle Subtraction Osteotomy : Minimum 2-Year Follow-Up Data. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 99-107.	1.2	11
45	Clinical and Radiological Outcomes of Posterior Vertebral Column Resection for Severe Spinal Deformities. <i>Journal of Korean Neurosurgical Society</i> , 2018, 61, 251-257.	1.2	10
46	The Incidence of Various Types of Systemic Reactions Related to Epidural Steroid Injections: A Prospective Observational Study. <i>Korean Journal of Radiology</i> , 2018, 19, 301.	3.4	10
47	Total Deformity Angular Ratio as a Risk Factor for Complications after Posterior Vertebral Column Resection Surgery. <i>Journal of Korean Neurosurgical Society</i> , 2018, 61, 723-730.	1.2	10
48	Surgical Outcomes and Complications Following All Posterior Approach for Spinal Deformity Associated with Neurofibromatosis Type-1. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 738-746.	1.2	10
49	Posterior osteosynthesis of a spontaneous bilateral pedicle fracture of the lumbar spine. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 398-401.	1.7	9
50	Corticobulbar motor evoked potentials from tongue muscles used as a control in cervical spinal surgery. <i>Clinical Neurophysiology Practice</i> , 2017, 2, 124-129.	1.4	9
51	Neurophysiological monitoring during anterior cervical discectomy and fusion for ossification of the posterior longitudinal ligament. <i>Clinical Neurophysiology Practice</i> , 2021, 6, 56-62.	1.4	9
52	The Last Touched Vertebra on Supine Radiographs Can Be the Optimal Lower Instrumented Vertebra in Adolescent Idiopathic Scoliosis Patients. <i>Neurospine</i> , 2022, 19, 236-243.	2.9	9
53	Trends in Incidence and Treatment of Herniated Lumbar Disc in Republic of Korea : A Nationwide Database Study. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 108-118.	1.2	8
54	Risk Factor Analysis of Change in Intraoperative Neurophysiologic Monitoring During Cervical Open Door Laminoplasty. <i>World Neurosurgery</i> , 2018, 119, e235-e243.	1.3	7

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55	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
56	Evaluation of the efficacy and safety of epidural steroid injection using a nonparticulate steroid, dexamethasone or betamethasone: a double-blind, randomized, crossover, clinical trial. <i>Korean Journal of Pain</i> , 2022, 35, 336-344.	2.2	7
57	Efficacy of intraoperative bulbocavernosus reflex monitoring for the prediction of postoperative voiding function in adult patients with lumbosacral spinal tumor. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 493-499.	1.6	6
58	Systematic Review of Reciprocal Changes after Spinal Reconstruction Surgery : Do Not Miss the Forest for the Trees. <i>Journal of Korean Neurosurgical Society</i> , 2021, 64, 843-852.	1.2	6
59	Odontoid Incidence: A Novel Cervical Parameter Influencing Cervical Alignment From Top to Bottom. <i>Neurospine</i> , 2022, 19, 463-471.	2.9	6
60	Comparison of Spinal Canal Expansion Following Cervical Laminoplasty Based on the Preoperative Lamina Angle : A Simulation Study. <i>Journal of Korean Neurosurgical Society</i> , 2021, 64, 229-237.	1.2	5
61	Comparative Analysis Between Thoracic Spinal Cord and Sacral Neuromodulation in a Rat Spinal Cord Injury Model: A Preliminary Report of a Rat Spinal Cord Stimulation Model. <i>Korean Journal of Spine</i> , 2013, 10, 14.	0.9	5
62	Total En Bloc Thoracic and Lumbar Spondylectomy for Non-Small Cell Lung Cancer with Favorable Prognostic Indicators: Is It Merely Indicated for Solitary Spinal Metastasis?. <i>Journal of Korean Neurosurgical Society</i> , 2014, 56, 431.	1.2	5
63	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
64	An Extensive Intramedullary Epidermoid Cyst with a Longstanding History of Paraplegia: A Case Report. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2013, 74, e1-e3.	0.8	4
65	Multilevel Posterior Column Osteotomies Are Not Inferior For the Correction of Rigid Adult Spinal Deformity Compared with Pedicle Subtraction Osteotomy. <i>World Neurosurgery</i> , 2017, 107, 839-845.	1.3	4
66	Surgical Impacts of Metastatic Non-small Cell Lung Cancer to the Thoracic and Lumbar Spine. <i>Journal of Korean Medical Science</i> , 2021, 36, e52.	2.5	4
67	Plasmacytoma to the Axis Mimicking Metastatic Paraganglioma: Circumferential Reconstruction via Posterior Approach. <i>Korean Journal of Spine</i> , 2015, 12, 283.	0.9	4
68	Research articles published by Korean spine surgeons: Scientific progress and the increase in spine surgery. <i>Journal of Clinical Neuroscience</i> , 2017, 36, 6-11.	1.5	3
69	Various MRI Findings of Spinal Ependymoma. <i>Journal of the Korean Society of Radiology</i> , 2017, 76, 411.	0.2	3
70	Kyphectomy and interbody fixation using lag screws in a child with myelomeningocele kyphosis: a technical case report. <i>Child's Nervous System</i> , 2019, 35, 1407-1410.	1.1	3
71	Dynamic Stabilization Surgery in Patients with Spinal Stenosis. <i>Spine</i> , 2021, 46, E893-E900.	2.0	3
72	The utility of intraoperative neurophysiological monitoring in surgical treatment for spinal arteriovenous malformations: A historical control study. <i>Clinical Neurophysiology Practice</i> , 2022, 7, 59-64.	1.4	3

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73	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
74	Adolescent Idiopathic Scoliosis Treatment by a Korean Neurosurgeon: The Changing Role for Neurosurgeons. <i>Journal of Korean Neurosurgical Society</i> , 2015, 58, 50.	1.2	2
75	Heterotopic ossification and clinical outcome in nonconstrained cervical arthroplasty. <i>Journal of Spine Surgery</i> , 2016, 2, 351-352.	1.2	1
76	Factors for the acquisition of 10° angular change at the lumbar spine through posterior column osteotomy in adult spinal deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 667-673.	1.7	1
77	Anatomic Trajectory Screw Fixation at Upper Instrumented Vertebra Is a Substantial Risk Factor for Proximal Junctional Kyphosis. <i>World Neurosurgery</i> , 2019, 129, e522-e529.	1.3	1
78	Therapeutic Effect of Epidural Steroid Injection in Patients Suspected of having an Internal Disc Disruption: A Prospective Case Study. <i>Journal of the Korean Radiological Society</i> , 2007, 57, 281.	0.0	1
79	Usefulness of the Informant Questionnaire on Cognitive Decline in the Elderly for Predicting Postoperative Delirium in Elderly Patients: A Pilot Study. <i>Dementia and Neurocognitive Disorders</i> , 2015, 14, 120.	1.4	0
80	Posterior Trans-Dural Repair of Iatrogenic Spinal Cord Herniation after Resection of Ossification of Posterior Longitudinal Ligament. <i>Asian Spine Journal</i> , 2016, 10, 355.	2.0	0
81	Evaluation of Bone Marrow-derived Stem Cells and Adipose-derived Stem Cells Co-cultured on Human Nucleus Pulposus Cells: A Pilot Study. <i>Korean Journal of Neurotrauma</i> , 2020, 16, 138.	0.6	0