

Young-Hoon Kim

List of Publications by Year in descending order

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103
papers

1,552
citations

304743

22
h-index

377865

34
g-index

107
all docs

107
docs citations

107
times ranked

2061
citing authors

#	ARTICLE	IF	CITATIONS
1	Spinal Cord Injury and Related Clinical Trials. <i>Clinics in Orthopedic Surgery</i> , 2017, 9, 1.	2.2	93
2	Differentiation of Acute Osteoporotic and Malignant Compression Fractures of the Spine: Use of Additive Qualitative and Quantitative Axial Diffusion-weighted MR Imaging to Conventional MR Imaging at 3.0 T. <i>Radiology</i> , 2014, 271, 488-498.	7.3	84
3	Bone Marrow-Derived Mesenchymal Stem Cell Transplantation for Chronic Spinal Cord Injury in Rats. <i>Spine</i> , 2013, 38, E1065-E1074.	2.0	69
4	Pathomechanism of intravertebral clefts in osteoporotic compression fractures of the spine. <i>Spine Journal</i> , 2014, 14, 659-666.	1.3	61
5	Pregabalin as a neuroprotector after spinal cord injury in rats. <i>European Spine Journal</i> , 2008, 17, 864-872.	2.2	55
6	Fate of Transplanted Bone Marrow Derived Mesenchymal Stem Cells Following Spinal Cord Injury in Rats by Transplantation Routes. <i>Journal of Korean Medical Science</i> , 2012, 27, 586.	2.5	51
7	Lumbar Interbody Fusion: Techniques, Pearls and Pitfalls. <i>Asian Spine Journal</i> , 2020, 14, 730-741.	2.0	49
8	Neuroprotective Effect of Moderate Epidural Hypothermia After Spinal Cord Injury in Rats. <i>Spine</i> , 2008, 33, 2059-2065.	2.0	46
9	Model for Assessing Cardiovascular Risk in a Korean Population. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2014, 7, 944-951.	2.2	45
10	Pregabalin as a Neuroprotector after Spinal Cord Injury in Rats: Biochemical Analysis and Effect on Glial Cells. <i>Journal of Korean Medical Science</i> , 2011, 26, 404.	2.5	44
11	Effects of Therapeutic Hypothermia on Apoptosis and Autophagy After Spinal Cord Injury in Rats. <i>Spine</i> , 2015, 40, 883-890.	2.0	40
12	Risk of progression of degenerative lumbar scoliosis. <i>Journal of Neurosurgery: Spine</i> , 2011, 15, 558-566.	1.7	39
13	Clinical Relevance of the SRS-Schwab Classification for Degenerative Lumbar Scoliosis. <i>Spine</i> , 2016, 41, E282-E288.	2.0	39
14	Minimally Invasive Lateral Lumbar Interbody Fusion for Adult Spinal Deformity. <i>Spine</i> , 2018, 43, E813-E821.	2.0	39
15	Transplantation of Mesenchymal Stem Cells for Acute Spinal Cord Injury in Rats: Comparative Study between Intralesional Injection and Scaffold Based Transplantation. <i>Journal of Korean Medical Science</i> , 2016, 31, 1373.	2.5	37
16	Importance of Distal Fusion Level in Major Thoracolumbar and Lumbar Adolescent Idiopathic Scoliosis Treated by Rod Derotation and Direct Vertebral Rotation Following Pedicle Screw Instrumentation. <i>Spine</i> , 2017, 42, E890-E898.	2.0	37
17	Prevalence and related clinical factors of thoracic ossification of the ligamentum flavum—a computed tomography-based cross-sectional study. <i>Spine Journal</i> , 2018, 18, 551-557.	1.3	37
18	Three-dimensional analysis of volumetric changes in herniated discs of the lumbar spine: does spontaneous resorption of herniated discs always occur?. <i>European Spine Journal</i> , 2016, 25, 1393-1402.	2.2	30

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19	Neuroprotective Effects of Hypothermia After Spinal Cord Injury in Rats. <i>Spine</i> , 2012, 37, E1551-E1559.	2.0	29
20	Does bisphosphonate-based anti-osteoporosis medication affect osteoporotic spinal fracture healing?. <i>Osteoporosis International</i> , 2016, 27, 483-488.	3.1	28
21	Effects of anti-osteoporosis medications on radiological and clinical results after acute osteoporotic spinal fractures: a retrospective analysis of prospectively designed study. <i>Osteoporosis International</i> , 2019, 30, 2249-2256.	3.1	24
22	Causes of Late Revision Surgery after Bone Cement Augmentation in Osteoporotic Vertebral Compression Fractures. <i>Asian Spine Journal</i> , 2013, 7, 294.	2.0	24
23	Valproate-induced panhypogammaglobulinemia. <i>Neurological Sciences</i> , 2013, 34, 1003-1004.	1.9	22
24	Does Extracorporeal Shock Wave Introduce Alteration of Microenvironment in Cell Therapy for Chronic Spinal Cord Injury?. <i>Spine</i> , 2014, 39, E1553-E1559.	2.0	20
25	Bone Cement Augmentation Procedures for Spinal Pathologic Fractures by Multiple Myeloma. <i>Journal of Korean Medical Science</i> , 2015, 30, 88.	2.5	20
26	The Efficacy of Lumbosacral Spine Phantom to Improve Resident Proficiency in Performing Ultrasound-Guided Spinal Procedure. <i>Pain Medicine</i> , 2015, 16, 2284-2291.	1.9	20
27	Long-term clinical outcomes and radiological findings and their correlation with each other after standard open discectomy for lumbar disc herniation. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 179-184.	1.7	19
28	Pediatric Posterior Vertebral Column Resection (PVCR): Before and After Ten Years of Age. <i>Spine</i> , 2016, 41, E1271-E1278.	2.0	18
29	Source localization of epileptiform discharges in childhood absence epilepsy using a distributed source model: a standardized, low-resolution, brain electromagnetic tomography (sLORETA) study. <i>Neurological Sciences</i> , 2019, 40, 993-1000.	1.9	17
30	Clinical Significance of Preoperative Embolization for Non-Hypervascular Metastatic Spine Tumors. <i>Journal of Korean Neurosurgical Society</i> , 2019, 62, 106-113.	1.2	16
31	Risk factors for intraoperative endplate injury during minimally-invasive lateral lumbar interbody fusion. <i>Scientific Reports</i> , 2021, 11, 20149.	3.3	15
32	Effects of Restoration of Sagittal Alignment on Adjacent Segment Degeneration in Instrumented Lumbar Fusions. <i>Spine</i> , 2020, 45, E1588-E1595.	2.0	15
33	Factors Affecting Survival in Patients Undergoing Palliative Spine Surgery for Metastatic Lung and Hepatocellular Cancer: Dose the Type of Surgery Influence the Surgical Results for Metastatic Spine Disease?. <i>Clinics in Orthopedic Surgery</i> , 2015, 7, 344.	2.2	14
34	Diagnosis of Nerve Root Compromise of the Lumbar Spine: Evaluation of the Performance of Three-dimensional Isotropic T2-weighted Turbo Spin-Echo SPACE Sequence at 3T. <i>Korean Journal of Radiology</i> , 2017, 18, 249.	3.4	13
35	Minimally Invasive Lateral Lumbar Interbody Fusion for Clinical Adjacent Segment Pathology. <i>Clinical Spine Surgery</i> , 2019, 32, E426-E433.	1.3	13
36	Multiple Myeloma and Epidural Spinal Cord Compression : Case Presentation and a Spine Surgeon's Perspective. <i>Journal of Korean Neurosurgical Society</i> , 2013, 54, 151.	1.2	13

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37	Thoracic myelopathy caused by ossification of the yellow ligament in patients with posterior instrumented lumbar fusion. <i>European Spine Journal</i> , 2012, 21, 2443-2449.	2.2	11
38	Neural Changes Associated with Emotion Processing in Children Experiencing Peer Rejection: A Functional MRI Study. <i>Journal of Korean Medical Science</i> , 2014, 29, 1293.	2.5	11
39	Spinopelvic Alignment by Different Surgical Methods in the Treatment of Degenerative Sagittal Imbalance of the Lumbar Spine. <i>Clinical Spine Surgery</i> , 2017, 30, E390-E397.	1.3	11
40	Distributed source localization of interictal spikes in benign childhood epilepsy with centrotemporal spikes: A standardized low-resolution brain electromagnetic tomography (sLORETA) study. <i>Journal of Clinical Neuroscience</i> , 2017, 38, 49-54.	1.5	11
41	How to Avoid Distal Adding-on Phenomenon for Rigid Curves in Major Thoracolumbar and Lumbar Adolescent Idiopathic Scoliosis? Identifying the Incidence of Distal Adding-on by Selection of Lowest Instrumented Vertebra. <i>World Neurosurgery</i> , 2019, 132, e472-e478.	1.3	11
42	Clinical Characteristics and Continued Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitor Administration in <i>EGFR</i>-mutated Non-Small Cell Lung Cancer with Skeletal Metastasis. <i>Cancer Research and Treatment</i> , 2016, 48, 1110-1119.	3.0	11
43	Risk Factors for the Progressive Osteoporotic Spinal Fracture. <i>Journal of Korean Society of Spine Surgery</i> , 2009, 16, 153.	0.3	11
44	Eosinophil related markers and total immunoglobulin E as a predictive marker for antibiotics response in chronic rhinosinusitis: a case-control study. <i>Annals of Saudi Medicine</i> , 2015, 35, 312-317.	1.1	11
45	Amyloid β peptide (A β 242) activates PLC- γ 1 promoter through the NF- κ B binding site. <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 904-909.	2.1	10
46	Late onset of progressive neurological deficits in severe angular kyphosis related to tuberculosis spondylitis. <i>European Spine Journal</i> , 2016, 25, 1039-1046.	2.2	10
47	Relationship between iliac screw loosening and proximal junctional kyphosis after long thoracolumbar instrumented fusion for adult spinal deformity. <i>European Spine Journal</i> , 2020, 29, 1371-1378.	2.2	10
48	Is It Real Adjacent Segment Pathology by Stress Concentration After Limited Fusion in Degenerative Lumbar Scoliosis?. <i>Spine</i> , 2014, 39, 1059-1066.	2.0	9
49	Induction of Endogenous Neural Stem Cells By Extracorporeal Shock Waves After Spinal Cord Injury. <i>Spine</i> , 2018, 43, E200-E207.	2.0	9
50	Clinical and Radiologic Features of Osteoporotic Spine Fracture with Delayed Neurologic Compromises. <i>World Neurosurgery</i> , 2018, 120, e1295-e1300.	1.3	9
51	Clinical importance of posterior vertebral height loss on plain radiography when conservatively treating osteoporotic vertebral fractures. <i>Injury</i> , 2017, 48, 1503-1509.	1.7	8
52	Changes in background electroencephalographic activity in benign childhood epilepsy with centrotemporal spikes after oxcarbazepine treatment: a standardized low-resolution brain electromagnetic tomography (sLORETA) study. <i>BMC Neurology</i> , 2019, 19, 3.	1.8	8
53	Decompressive Laminectomy Alone for Degenerative Lumbar Scoliosis with Spinal Stenosis: Incidence of Post-Laminectomy Instability in the Elderly. <i>Clinics in Orthopedic Surgery</i> , 2020, 12, 493.	2.2	8
54	A pediatric sporadic hemiplegic migraine case with perfusion abnormality in perfusion MRI and Diamox 99mTc-HMPAO SPECT. <i>Neurological Sciences</i> , 2013, 34, 595-597.	1.9	7

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55	Jack-knife Posture After Correction Surgery for Degenerative Sagittal Imbalance—Does Spinopelvic Parameter Always Matter in Preventing Stooping Posture?. <i>Spine Deformity</i> , 2018, 6, 771-780.	1.5	7
56	Predictive Factors for Postoperative Follow-up: Which Patients are Prone to Loss to Follow-up After Spinal Surgery?. <i>Clinical Spine Surgery</i> , 2018, 31, E25-E29.	1.3	7
57	Effect of Direct Vertebral Rotation in Single Thoracic Adolescent Idiopathic Scoliosis: Better 3-Dimensional Deformity Correction. <i>World Neurosurgery</i> , 2019, 129, e401-e408.	1.3	7
58	Surgical Roles for Spinal Involvement of Hematological Malignancies. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 534-539.	1.2	7
59	Foreign Body Reaction after Implantation of a Device for Intervertebral Assisted Motion. <i>Journal of Korean Neurosurgical Society</i> , 2016, 59, 647.	1.2	7
60	Incidence and Risk Factors of Gastrointestinal and Hepatobiliary Complications after Spinal Fusion Surgery: a Retrospective Cohort Study. <i>Journal of Korean Medical Science</i> , 2020, 35, e345.	2.5	7
61	Recurrent seizures, mental retardation and extensive brain calcinosis related to delayed diagnosis of hypoparathyroidism in an adolescent boy. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 894-896.	1.5	6
62	Pseudarthrosis Repair Using Autologous Cultured Osteoblasts in Complex Type-1 Neurofibromatosis Spinal Deformity. <i>Spine</i> , 2016, 41, E1372-E1378.	2.0	6
63	Fate of Osteophytes and Sclerosis in Fused Segments After Lumbar Fusion. <i>Spine</i> , 2014, 39, E1110-E1115.	2.0	5
64	Clinical and Radiographic Features of Subtypes of Acute Proximal Junctional Failures Following Correction Surgery for Degenerative Sagittal Imbalance. <i>World Neurosurgery</i> , 2019, 125, e304-e312.	1.3	5
65	Comparison of Union Rates Between Autogenous Iliac Crest Bone Graft and Local Bone Graft as Fusion Materials in Lumbar Fusion Surgery: An Evaluation of Up to 3-Level Fusion. <i>World Neurosurgery</i> , 2020, 139, e286-e292.	1.3	5
66	Sacral insufficiency fracture after instrumented lumbosacral fusion: Focusing pelvic deformation -A retrospective case series-. <i>Journal of Clinical Neuroscience</i> , 2021, 83, 31-36.	1.5	5
67	Development of the Parental Questionnaire for Cerebral Visual Impairment in Children Younger than		

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73	Bone Mineral Density and Osteoporotic Vertebral Fractures in Traditional, Unassisted, Free-Diving Women (Haenyeos). <i>Journal of Korean Medical Science</i> , 2018, 33, e316.	2.5	3
74	Increased Osteoblastic Activity Suppressed Proliferation of Multiple Myeloma Plasma Cells. <i>Spine</i> , 2019, 44, E384-E392.	2.0	3
75	Rheumatoid arthritis-associated spinal neuroarthropathy with double-level isthmic spondylolisthesis. <i>European Spine Journal</i> , 2019, 28, 2145-2150.	2.2	3
76	Clinical features and neuropsychiatric comorbidities in pediatric patients with tic disorders: a retrospective chart review study from South Korea. <i>BMC Psychiatry</i> , 2021, 21, 14.	2.6	3
77	Unstable Bony Chance Fracture Successfully Treated With Teriparatide in Patient With Ankylosed Spine: A Case Report and Review of the Literature. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2021, 12, 215145932110390.	1.4	3
78	Spinal Surgery for Parkinson Disease With Camptocormia. <i>Clinical Spine Surgery</i> , 2020, 33, E563-E571.	1.3	3
79	Two different types of postoperative sagittal imbalance after long instrumented fusion to the sacrum for degenerative sagittal imbalance. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 613-622.	1.7	3
80	Comparative analysis of background EEG activity in juvenile myoclonic epilepsy during valproic acid treatment: a standardized, low-resolution, brain electromagnetic tomography (sLORETA) study. <i>BMC Neurology</i> , 2022, 22, 48.	1.8	3
81	Tuberculosis of the Spine: A new Understanding of an Old Disease. <i>Journal of Korean Society of Spine Surgery</i> , 2014, 21, 41.	0.0	2
82	Lumbar Disc Herniation Within Solid Fused Segments After Removal of Pedicle Screws. <i>JBJS Case Connector</i> , 2019, 9, e0071-e0071.	0.3	2
83	Pure distraction injury of T12 with quad fever. <i>European Spine Journal</i> , 2019, 28, 1044-1050.	2.2	2
84	How can pediatricians treat neurodevelopmental disorders. <i>Clinical and Experimental Pediatrics</i> , 2021, 64, 1-2.	2.2	2
85	Are the Choice of Frame and Intraoperative Patient Positioning Associated With Radiologic and Clinical Outcomes in Long-instrumented Lumbar Fusion for Adult Spinal Deformity?. <i>Clinical Orthopaedics and Related Research</i> , 2022, 480, 982-992.	1.5	2
86	Long-term management of congenital lordoscoliosis of the thoracic spine. <i>European Spine Journal</i> , 2017, 26, 47-52.	2.2	1
87	Non-Polio Enteroviruses from Acute Flaccid Paralysis Surveillance in Korea, 2012–2019. <i>Viruses</i> , 2021, 13, 411.	3.3	1
88	Analysis of Fracture Patterns and Characteristics in Sacral Insufficiency Fracture: Do Sacral Fractures Occur in Patients Who Had Previous Lumbosacral Fusion Insufficiency Fractures or Stress Fractures?. <i>Asian Spine Journal</i> , 2021, 15, 769-777.	2.0	1
89	Junctional Failure After Thoracolumbar Kyphosis Correction in Patients with Ankylosing Spondylitis. <i>World Neurosurgery</i> , 2021, 149, e563-e569.	1.3	1
90	Relationship between Sagittal Alignment and Anterior Bony Resorption of Cervical Vertebral Body in Patients with Ankylosing Spondylitis. <i>Asian Spine Journal</i> , 2022, 16, 361-368.	2.0	1

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91	The effects of high-dose intravenous immunoglobulin on plasma protein and lipid levels in the patients with Kawasaki disease. Korean Journal of Pediatrics, 2006, 49, 1348.	1.9	1
92	Surgery for Spinal Deformities in Patients with Osteoporosis. Journal of Korean Society of Spine Surgery, 2020, 27, 31.	0.0	1
93	Unstable Pathologic Vertebral Fractures in Multiple Myeloma : Propensity Score Matched Cohort Study between Reconstructive Surgery with Adjuvant Radiotherapy and Radiotherapy Alone. Journal of Korean Neurosurgical Society, 2022, , .	1.2	1
94	Surfer's Myelopathy: A Case Report. Journal of Korean Society of Spine Surgery, 2017, 24, 241.	0.0	0
95	Extrusion of Biocompatible Osteoconductive Polymer (BOP) Causing Cervical Myelopathy. World Neurosurgery, 2019, 127, 249-252.	1.3	0
96	Surgical strategy for revisional lumbar pedicle subtraction osteotomy to correct fixed sagittal imbalance: The effect of the osteotomy level and iliac screw fixation. Journal of Orthopaedic Science, 2020, 26, 750-755.	1.1	0
97	Management of High-Grade Spinal Meningioma. Journal of Korean Society of Spine Surgery, 2021, 28, 63.	0.0	0
98	Surgical outcomes for late neurological deficits after long segment instrumentation for degenerative adult spinal deformity. Journal of Neurosurgery: Spine, 2021, 35, 340-346.	1.7	0
99	Clinical Outcomes and Radiologic Characteristics of Insufficiency Femoral Neck Fracture in Elderly Patients. Journal of the Korean Fracture Society, 2021, 34, 1.	0.1	0
100	Diagnosis of Osteoporotic Spinal Fractures. Journal of Korean Society of Spine Surgery, 2015, 22, 104.	0.0	0
101	Spinal Cord Injury and Neuro-Regeneration. The Journal of the Korean Orthopaedic Association, 2019, 54, 498.	0.1	0
102	Surgical Extent of Metastatic Spine Tumor Excision and Its Effects on Postoperative Ambulatory Function: Comparison of Extensive Wide versus Palliative Excision Surgery. Journal of Korean Society of Spine Surgery, 2019, 26, 84.	0.0	0
103	Thoracic Chordoma in an Atypical Location Mimicking an Esophageal Adenocarcinoma: A Case Report. Journal of Korean Society of Spine Surgery, 2020, 27, 109.	0.0	0