

Jong-Beom Park

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

1,849
citations

279798

23
h-index

276875

41
g-index

81
all docs

81
docs citations

81
times ranked

1601
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Adjacent-Level Ossification in Patients with an Anterior Cervical Plate. <i>Journal of Bone and Joint Surgery - Series A</i> , 2005, 87, 558-563.	3.0	194
2	Quantitative Analysis of Transforming Growth Factor-Beta 1 in Ligamentum Flavum of Lumbar Spinal Stenosis and Disc Herniation. <i>Spine</i> , 2001, 26, E492-E495.	2.0	128
3	Expression of Fas Ligand and Apoptosis of Disc Cells in Herniated Lumbar Disc Tissue. <i>Spine</i> , 2001, 26, 618-621.	2.0	122
4	Expression of Fas Receptor on Disc Cells in Herniated Lumbar Disc Tissue. <i>Spine</i> , 2001, 26, 142-146.	2.0	87
5	Adult Spinal Deformity: Current Concepts and Decision-Making Strategies for Management. <i>Asian Spine Journal</i> , 2020, 14, 886-897.	2.0	83
6	High glucose-induced oxidative stress promotes autophagy through mitochondrial damage in rat notochordal cells. <i>International Orthopaedics</i> , 2013, 37, 2507-2514.	1.9	75
7	Effect of hyperglycemia on apoptosis of notochordal cells and intervertebral disc degeneration in diabetic rats. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 741-748.	1.7	70
8	Anti-Apoptotic Effects of Caspase Inhibitors on Rat Intervertebral Disc Cells. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 771-779.	3.0	67
9	Hypertrophy of Ligamentum Flavum in Lumbar Spinal Stenosis Associated with Increased Proteinase Inhibitor Concentration. <i>Journal of Bone and Joint Surgery - Series A</i> , 2005, 87, 2750-2757.	3.0	60
10	Mitochondrial Involvement in Fas-Mediated Apoptosis of Human Lumbar Disc Cells. <i>Journal of Bone and Joint Surgery - Series A</i> , 2005, 87, 1338.	3.0	59
11	An Autocrine or Paracrine Fas-Mediated Counterattack. <i>Spine</i> , 2005, 30, 1247-1251.	2.0	55
12	Accelerated premature stress-induced senescence of young annulus fibrosus cells of rats by high glucose-induced oxidative stress. <i>International Orthopaedics</i> , 2014, 38, 1311-1320.	1.9	55
13	High Glucose Accelerates Autophagy in Adult Rat Intervertebral Disc Cells. <i>Asian Spine Journal</i> , 2014, 8, 543.	2.0	49
14	Effect of High Glucose on Stress-Induced Senescence of Nucleus Pulposus Cells of Adult Rats. <i>Asian Spine Journal</i> , 2015, 9, 155.	2.0	49
15	The Increased Expression of Matrix Metalloproteinases Associated with Elastin Degradation and Fibrosis of the Ligamentum Flavum in Patients with Lumbar Spinal Stenosis. <i>Clinics in Orthopedic Surgery</i> , 2009, 1, 81.	2.2	44
16	Cell Therapy for Treatment of Intervertebral Disc Degeneration: A Systematic Review. <i>Global Spine Journal</i> , 2019, 9, 39S-52S.	2.3	44
17	The impact of COVID-19 pandemic on orthopaedic resident education: a nationwide survey study in South Korea. <i>International Orthopaedics</i> , 2020, 44, 2203-2210.	1.9	43
18	ACDF Graft Selection by Surgeons: Survey of AOSpine Members. <i>Global Spine Journal</i> , 2017, 7, 410-416.	2.3	42

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19	The Pattern of Interleukin-12 and T-Helper Types 1 and 2 Cytokine Expression in Herniated Lumbar Disc Tissue. <i>Spine</i> , 2002, 27, 2125-2128.	2.0	36
20	Proximal Junctional Kyphosis in Adult Spinal Deformity: Definition, Classification, Risk Factors, and Prevention Strategies. <i>Asian Spine Journal</i> , 2022, 16, 440-450.	2.0	35
21	Adjacent Segment Pathology after Anterior Cervical Fusion. <i>Asian Spine Journal</i> , 2016, 10, 582.	2.0	35
22	Revision surgeries following artificial disc replacement of cervical spine. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2016, 50, 610-618.	0.8	26
23	Transplanted xenogenic bone marrow stem cells survive and generate new bone formation in the posterolateral lumbar spine of non-immunosuppressed rabbits. <i>European Spine Journal</i> , 2008, 17, 1515-1521.	2.2	25
24	Allograft Versus Demineralized Bone Matrix in Instrumented and Noninstrumented Lumbar Fusion: A Systematic Review. <i>Global Spine Journal</i> , 2018, 8, 396-412.	2.3	23
25	Survivorship analysis of 150 consecutive patients with DIAM®, [®] implantation for surgery of lumbar spinal stenosis and disc herniation. <i>European Spine Journal</i> , 2011, 20, 280-288.	2.2	21
26	What Should an Ideal Adult Spinal Deformity Classification System Consist of?: Review of the Factors Affecting Outcomes of Adult Spinal Deformity Management. <i>Asian Spine Journal</i> , 2019, 13, 694-703.	2.0	20
27	Clinical analysis of cervical radiculopathy causing deltoid paralysis. <i>European Spine Journal</i> , 2003, 12, 517-521.	2.2	18
28	Allogenic Stem Cells in Spinal Fusion: A Systematic Review. <i>Global Spine Journal</i> , 2019, 9, 22S-38S.	2.3	17
29	Rat Notochordal Cells Undergo Premature Stress-Induced Senescence by High Glucose. <i>Asian Spine Journal</i> , 2015, 9, 495.	2.0	17
30	Fas/FasL interaction of nucleus pulposus and cancer cells with the activation of caspases. <i>International Orthopaedics</i> , 2008, 32, 835-840.	1.9	15
31	A biochemical mechanism for resistance of intervertebral discs to metastatic cancer: Fas ligand produced by disc cells induces apoptotic cell death of cancer cells. <i>European Spine Journal</i> , 2007, 16, 1319-1324.	2.2	13
32	Overexpressions of Nerve Growth Factor and Its Tropomyosin-Related Kinase A Receptor on Chordoma Cells. <i>Spine</i> , 2007, 32, 1969-1973.	2.0	12
33	Traumatic posterior atlantooccipital dislocation with Jefferson fracture and fracture-dislocation of C6-C7: a case report with survival. <i>European Spine Journal</i> , 2001, 10, 524-528.	2.2	11
34	A Retrospective Analysis of Complications Associated With Bone Morphogenetic Protein 2 in Anterior Lumbar Interbody Fusion. <i>Global Spine Journal</i> , 2017, 7, 148-153.	2.3	11
35	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
36	Traumatic Atlanto-occipital Dislocation. <i>Spine</i> , 2020, 45, 884-894.	2.0	10

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37	Simple Bone Cyst of Lamina of Lumbar Spine. <i>Spine</i> , 2001, 26, E531-E534.	2.0	9
38	Anterior Cervical Debridement and Fusion for Cervical Pyogenic Spondylodiscitis. <i>Spine</i> , 2020, 45, 431-437.	2.0	9
39	Esophageal Perforation after Anterior Cervical Spine Surgery. <i>Asian Spine Journal</i> , 2019, 13, 976-983.	2.0	9
40	Sacralization of L5 in Radiological Studies of Degenerative Spondylolisthesis at L4-L5. <i>Asian Spine Journal</i> , 2008, 2, 34.	2.0	9
41	Serum Levels of TGF- β 1, TIMP-1 and TIMP-2 in Patients with Lumbar Spinal Stenosis and Disc Herniation. <i>Asian Spine Journal</i> , 2007, 1, 8.	2.0	8
42	Arteriovenous fistula of the superior gluteal artery as a complication of posterior iliac crest bone graft harvesting: 3D-CT angiography and arterial embolization. <i>European Spine Journal</i> , 2009, 18, 250-253.	2.2	7
43	Trends Analysis of rhBMP2 Utilization in Single-Level Anterior Lumbar Interbody Fusion in the United States. <i>Global Spine Journal</i> , 2018, 8, 137-141.	2.3	7
44	Osteochondroma Arising from the Transverse Process of the Lower Cervical Spine in an Elderly Patient. <i>World Neurosurgery</i> , 2019, 130, 450-453.	1.3	7
45	Traumatic combined vertical atlanto-occipital and atlanto-axial dislocations with 2-part fracture of the atlas. <i>Medicine (United States)</i> , 2019, 98, e17776.	1.0	7
46	Effect of nerve growth factor and its transforming tyrosine kinase protein and low-affinity nerve growth factor receptors on apoptosis of notochordal cells. <i>International Orthopaedics</i> , 2012, 36, 1747-1753.	1.9	6
47	Development of AOSpine BOnE (Bone Osteobiologics and Evidence) Classification. <i>Global Spine Journal</i> , 2020, 10, 871-874.	2.3	6
48	Cervical myelopathy due to subaxial calcium pyrophosphate dihydrate (CPPD) deposition with simultaneous asymptomatic crowned dens syndrome: two case reports. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 713.	1.9	6
49	Trends and Costs of External Electrical Bone Stimulators and Grafting Materials in Anterior Lumbar Interbody Fusion. <i>Asian Spine Journal</i> , 2018, 12, 973-980.	2.0	6
50	Postoperative changes of early-phase inflammatory indices after uncomplicated anterior cervical discectomy and fusion using allograft and demineralised bone matrix. <i>International Orthopaedics</i> , 2012, 36, 2293-7.	1.9	5
51	Traumatic posterior atlantooccipital dislocation with Jefferson and occipital condyle fractures. <i>Medicine (United States)</i> , 2019, 98, e16668.	1.0	5
52	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
53	15-year survivorship analysis of an interspinous device in surgery for single-level lumbar disc herniation. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 1030.	1.9	5
54	Trends and Cost of Posterior Cervical Fusions With and Without Recombinant Human Bone Morphogenetic Protein-2 in the US Medicare Population. <i>Global Spine Journal</i> , 2017, 7, 334-342.	2.3	4

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55	Trends Analysis of rhBMP Utilization in Single-Level Posterior Lumbar Interbody Fusion in the United States. <i>Global Spine Journal</i> , 2017, 7, 624-628.	2.3	4
56	Complication Rates in Posterior Lumbar Interbody Fusion (PLIF) Surgery With Human Bone Morphogenetic Protein 2: Medicare Population. <i>Global Spine Journal</i> , 2017, 7, 770-773.	2.3	4
57	Radiologic criteria to predict injury of the transverse atlantal ligament in unilateral sagittal split fractures of the C1 lateral mass. <i>Medicine (United States)</i> , 2019, 98, e17077.	1.0	4
58	Traumatic posterior atlantooccipital dislocation combined with type II dens fracture and C1 anterior arch fracture. <i>Medicine (United States)</i> , 2019, 98, e17666.	1.0	4
59	Influence of Atlantoaxial Fusion on Sagittal Alignment of the Occipitocervical and Subaxial spines in Os Odontoideum with Atlantoaxial Instability. <i>Asian Spine Journal</i> , 2019, 13, 556-562.	2.0	4
60	Use of Autologous Stem Cells in Lumbar Spinal Fusion: A Systematic Review of Current Clinical Evidence. <i>Global Spine Journal</i> , 2021, 11, 1281-1298.	2.3	3
61	Challenges to the orthopedic resident workforce during the first wave of COVID-19 pandemic: Lessons learnt from a global cross-sectional survey. <i>Journal of Orthopaedics</i> , 2021, 27, 103-113.	1.3	3
62	Small Interfering RNA-Mediated Suppression of Fas Modulate Apoptosis and Proliferation in Rat Intervertebral Disc Cells. <i>Asian Spine Journal</i> , 2017, 11, 686-693.	2.0	3
63	Traumatic C1-2 posterolateral dislocation with dens fracture, injury of the transverse atlantal ligament, and unilateral facet fracture with subluxation of C6-7. <i>Medicine (United States)</i> , 2017, 96, e8913.	1.0	2
64	Clinical and radiological outcomes of conservative treatment for unilateral sagittal split fractures of C1 lateral mass. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2019, 53, 402-407.	0.8	2
65	Surgical outcomes of two kinds of demineralized bone matrix putties/local autograft composites in instrumented posterolateral lumbar fusion. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 200.	1.9	2
66	AO Spine Adult Spinal Deformity Patient Profile: A Paradigm Shift in Comprehensive Patient Evaluation in Order to Optimize Treatment and Improve Patient Care. <i>Global Spine Journal</i> , 2023, 13, 1490-1501.	2.3	2
67	Posterior Sublaminar Wiring and/or Transarticular Screw Fixation for Reducible Atlantoaxial Instability Secondary to Symptomatic Os Odontoideum: A Neglected Technique?. <i>Asian Spine Journal</i> , 2019, 13, 233-241.	2.0	2
68	Effect of RNA Interference-Mediated Suppression of p75 on the Viability of Rat Notochordal Cells. <i>Asian Spine Journal</i> , 2016, 10, 985.	2.0	2
69	Traumatic atlanto-axial rotatory subluxation and dens fracture with subaxial SCIWORA of Brown-Sequard syndrome. <i>Medicine (United States)</i> , 2021, 100, e25588.	1.0	1
70	Anterior C2-3 fusion surgery alone for highly displaced Hangman's fracture with severe angulation of C2-3 of more than 30°. <i>Clinical Neurology and Neurosurgery</i> , 2021, 206, 106701.	1.4	1
71	Delayed onset postoperative retropharyngeal hematoma after anterior cervical surgery with a sequela of tracheal stricture: a case report. <i>European Journal of Medical Research</i> , 2021, 26, 77.	2.2	1
72	Traumatic atlantoaxial anteroinferior subluxation with dens and Hangman fractures. <i>Medicine (United States)</i> , 2021, 100, e24396.	1.0	1

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73	Toward the Development of a Comprehensive Clinically Oriented Patient Profile: A Systematic Review of the Purpose, Characteristic, and Methodological Quality of Classification Systems of Adult Spinal Deformity. <i>Neurosurgery</i> , 2021, 88, 1065-1073.	1.1	1
74	Prognostic Factors for Postsurgical Recovery of Deltoid Palsy due to Cervical Disc Herniations. <i>Asian Spine Journal</i> , 2015, 9, 694.	2.0	1
75	Proposal of New Radiological Classification and Treatment Strategy for Transverse Fractures of the C2 Axis Body. <i>Orthopaedic Surgery</i> , 2021, 13, 1378-1388.	1.8	0
76	Traumatic Posterior Atlanto-occipital Dislocation With Three-part Jefferson Fracture and Subaxial Distractive Extension Injury. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2021, 5, .	0.7	0
77	Proposal of Treatment Strategy for Pedicle Fractures of the C2: An Analysis of 49 Cases. <i>Journal of Clinical Medicine</i> , 2021, 10, 3987.	2.4	0
78	Hyperacute onset of adjacent segment disease with dorsally migrated herniated nucleus pulposus causing cauda equina syndrome: a case report. <i>British Journal of Neurosurgery</i> , 2021, , 1-4.	0.8	0
79	Cervical Myelopathy Caused by Posttraumatic Osteophytes Resulting From Long-Standing Neglected Posterior Atlanto-Occipital Dislocation More Than 30 years: A Case Report. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2021, 5, .	0.7	0
80	Anterior Dens Screw Fixation for Traumatic C1-2 Lateral Subluxation With 3-Part Fractures of the C2 Axis (Dens, Lateral Mass, and Hangman Fractures): A Case Report. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2021, 5, .	0.7	0