

# Jun-Yeong Seo

## List of Publications by Year in descending order

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112  
papers

2,419  
citations

186265

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116  
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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Improvements in lower-extremity patient-reported outcomes after lumbar interbody fusion. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 8-15.	1.7	1
3	Unstable Pathologic Vertebral Fractures in Multiple Myeloma : Propensity Score Matched Cohort Study between Reconstructive Surgery with Adjuvant Radiotherapy and Radiotherapy Alone. <i>Journal of Korean Neurosurgical Society</i> , 2022, , .	1.2	1
4	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
5	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
6	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
7	Junctional Failure After Thoracolumbar Kyphosis Correction in Patients with Ankylosing Spondylitis. <i>World Neurosurgery</i> , 2021, 149, e563-e569.	1.3	1
8	Use of iliac screw associated with more correction of lumbar lordosis than S2-alar-iliac screw for adult spinal deformity. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 676.	1.9	5
9	Surgical outcomes for late neurological deficits after long segment instrumentation for degenerative adult spinal deformity. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 340-346.	1.7	0
10	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
11	Proximal Junctional Kyphosis According to the Type of Lumbar Degenerative Kyphosis Following Lumbosacral Long Fusion. <i>Spine</i> , 2021, 46, 232-240.	2.0	4
12	Surgical correction for adult spinal deformity increases acetabular lateral coverage of femoral heads. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 988.	1.9	0
13	Surgical strategy for revisional lumbar pedicle subtraction osteotomy to correct fixed sagittal imbalance: The effect of the osteotomy level and iliac screw fixation. <i>Journal of Orthopaedic Science</i> , 2020, 26, 750-755.	1.1	0
14	Radiographic and clinical evidence: osteoarthritic knee can change surgical result for lumbar degenerative disease patient undergone surgery for 3-year follow-up: a retrospective comparative clinical study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 740.	1.9	1
15	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
16	Lumbar Interbody Fusion: Techniques, Pearls and Pitfalls. <i>Asian Spine Journal</i> , 2020, 14, 730-741.	2.0	49
17	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
18	Spinal Surgery for Parkinson Disease With Camptocormia. <i>Clinical Spine Surgery</i> , 2020, 33, E563-E571.	1.3	3

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19	Effects of Restoration of Sagittal Alignment on Adjacent Segment Degeneration in Instrumented Lumbar Fusions. <i>Spine</i> , 2020, 45, E1588-E1595.	2.0	15
20	Radiographic findings for surgery-related complications after pedicle subtraction osteotomy for thoracolumbar kyphosis in 230 patients with ankylosing spondylitis. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 366-372.	1.7	4
21	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
22	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
23	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
24	Extrusion of Biocompatible Osteoconductive Polymer (BOP) Causing Cervical Myelopathy. <i>World Neurosurgery</i> , 2019, 127, 249-252.	1.3	0
25	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
26	Sex-specific and Age-specific Analgesia for Early Postoperative Pain Management After Lumbar Decompressive Surgery. <i>Clinical Spine Surgery</i> , 2019, 32, E311-E318.	1.3	3
27	Minimally Invasive Lateral Lumbar Interbody Fusion for Clinical Adjacent Segment Pathology. <i>Clinical Spine Surgery</i> , 2019, 32, E426-E433.	1.3	13
28	Lumbar Disc Herniation Within Solid Fused Segments After Removal of Pedicle Screws. <i>JBJS Case Connector</i> , 2019, 9, e0071-e0071.	0.3	2
29	Increased Osteoblastic Activity Suppressed Proliferation of Multiple Myeloma Plasma Cells. <i>Spine</i> , 2019, 44, E384-E392.	2.0	3
30	Pure distraction injury of T12 with quad fever. <i>European Spine Journal</i> , 2019, 28, 1044-1050.	2.2	2
31	Rheumatoid arthritis-associated spinal neuroarthropathy with double-level isthmic spondylolisthesis. <i>European Spine Journal</i> , 2019, 28, 2145-2150.	2.2	3
32	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
33	Induction of Endogenous Neural Stem Cells By Extracorporeal Shock Waves After Spinal Cord Injury. <i>Spine</i> , 2018, 43, E200-E207.	2.0	9
34	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
35	Minimally Invasive Lateral Lumbar Interbody Fusion for Adult Spinal Deformity. <i>Spine</i> , 2018, 43, E813-E821.	2.0	39
36	Differentiation of multiple myeloma and metastases: Use of axial diffusion-weighted MR imaging in addition to standard MR imaging at 3T. <i>PLoS ONE</i> , 2018, 13, e0208860.	2.5	19

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37	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
38	Clinical and Radiologic Features of Osteoporotic Spine Fracture with Delayed Neurologic Compromises. <i>World Neurosurgery</i> , 2018, 120, e1295-e1300.	1.3	9
39	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
40	Delayed Height Loss After Kyphoplasty in Osteoporotic Vertebral Fracture with Severe Collapse: Comparison with Vertebroplasty. <i>World Neurosurgery</i> , 2018, 119, e580-e588.	1.3	13
41	Initial Assessment and Management of Patients with Spinal Cord Injury. <i>Journal of Korean Society of Spine Surgery</i> , 2018, 25, 81.	0.0	0
42	Risk factors for adjacent segment degeneration after iliac screw fixation in lumbar degenerative kyphoscoliosis. <i>Journal of Orthopaedic Surgery</i> , 2017, 25, 230949901668472.	1.0	3
43	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
44	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
45	Long-term management of congenital lordoscoliosis of the thoracic spine. <i>European Spine Journal</i> , 2017, 26, 47-52.	2.2	1
46	Spinal Cord Injury and Related Clinical Trials. <i>Clinics in Orthopedic Surgery</i> , 2017, 9, 1.	2.2	93
47	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
48	Surgical Roles for Spinal Involvement of Hematological Malignancies. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 534-539.	1.2	7
49	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
50	Clinical Relevance of the SRS-Schwab Classification for Degenerative Lumbar Scoliosis. <i>Spine</i> , 2016, 41, E282-E288.	2.0	39
51	Congenital scoliosis treated with posterior vertebral column resection in patients younger than 18 years: longer than 10-year follow-up. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 225-233.	1.7	24
52	Preoperative anxiety about spinal surgery under general anesthesia. <i>European Spine Journal</i> , 2016, 25, 698-707.	2.2	38
53	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
54	Preemptive multimodal analgesia for postoperative pain management after lumbar fusion surgery: a randomized controlled trial. <i>European Spine Journal</i> , 2016, 25, 1614-1619.	2.2	77

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55	Foreign Body Reaction after Implantation of a Device for Intervertebral Assisted Motion. Journal of Korean Neurosurgical Society, 2016, 59, 647.	1.2	7
56	Effects of Therapeutic Hypothermia on Apoptosis and Autophagy After Spinal Cord Injury in Rats. Spine, 2015, 40, 883-890.	2.0	40
57	Bone Cement Augmentation Procedures for Spinal Pathologic Fractures by Multiple Myeloma. Journal of Korean Medical Science, 2015, 30, 88.	2.5	20
58	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?. Clinics in Orthopedic Surgery, 2015, 7, 344.	2.2	14
59	Fractalkine receptor chemokine (CX3CR1) influences on cervical and lumbar disc herniation. Indian Journal of Orthopaedics, 2015, 49, 239.	1.1	7
60	Surgical outcomes by age at the time of surgery in the treatment of congenital scoliosis in children under age 10 years. Spine Journal, 2015, 15, 1783-1795.	1.3	29
61	A study of sacral anthropometry to determine S1 screw placement for spinal lumbosacral fixation in the Korean population. European Spine Journal, 2015, 24, 2525-2529.	2.2	5
62	MRI of the lumbar spine: comparison of 3D isotropic turbo spin-echo SPACE sequence <i>versus</i> conventional 2D sequences at 3.0 T. Acta Radiologica, 2015, 56, 174-181.	1.1	43
63	Tuberculosis of the Spine: A new Understanding of an Old Disease. Journal of Korean Society of Spine Surgery, 2014, 21, 41.	0.0	2
64	Is It Real Adjacent Segment Pathology by Stress Concentration After Limited Fusion in Degenerative Lumbar Scoliosis?. Spine, 2014, 39, 1059-1066.	2.0	9
65	Spinal cord compression by B-cell lymphoma, unclassifiable, with features intermediate between diffuse large B-cell lymphoma and Burkitt lymphoma in a patient seropositive for human immunodeficiency virus: a case report. Journal of Medical Case Reports, 2014, 8, 324.	0.8	12
66	Fate of Osteophytes and Sclerosis in Fused Segments After Lumbar Fusion. Spine, 2014, 39, E1110-E1115.	2.0	5
67	Does Extracorporeal Shock Wave Introduce Alteration of Microenvironment in Cell Therapy for Chronic Spinal Cord Injury?. Spine, 2014, 39, E1553-E1559.	2.0	20
68	Pathomechanism of intravertebral clefts in osteoporotic compression fractures of the spine. Spine Journal, 2014, 14, 659-666.	1.3	61
69	Distal femoral cortical proliferative irregularity with excavation in a 6-year-old girl. European Journal of Orthopaedic Surgery and Traumatology, 2013, 23, 267-271.	1.4	0
70	Intraoperative radiofrequency ablation for metastatic spine disease: report of 4 cases and review. European Journal of Orthopaedic Surgery and Traumatology, 2013, 23, 129-134.	1.4	9
71	Posterior dynamic stabilization in the treatment of degenerative lumbar stenosis: validity of its rationale. Journal of Neurosurgery: Spine, 2013, 18, 24-31.	1.7	13
72	Percutaneous Vertebroplasty for Cephalad Vertebral Fractures After Instrumented Lumbar Fusion. Journal of Spinal Disorders and Techniques, 2013, 26, E58-E64.	1.9	1

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73	Biomechanical Stability According to Different Configurations of Screws and Rods. <i>Journal of Spinal Disorders and Techniques</i> , 2013, 26, 155-160.	1.9	8
74	Percutaneous Posterior Instrumentation Followed by Direct Lateral Interbody Fusion for Lumbar Infectious Spondylitis. <i>Journal of Spinal Disorders and Techniques</i> , 2013, 26, E95-E100.	1.9	13
75	Bone Marrow-Derived Mesenchymal Stem Cell Transplantation for Chronic Spinal Cord Injury in Rats. <i>Spine</i> , 2013, 38, E1065-E1074.	2.0	69
76	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
77	Unstable Pathological Fracture of the Odontoid Process Caused by Langerhans Cell Histiocytosis. <i>Spine</i> , 2012, 37, E633-E637.	2.0	7
78	Fate of Posterior Osteophytes in Fused Segments After Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2012, 37, 741-747.	2.0	17
79	Neuroprotective Effects of Hypothermia After Spinal Cord Injury in Rats. <i>Spine</i> , 2012, 37, E1551-E1559.	2.0	29
80	Chronic suppurative inflammatory cyst in the sacrum. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2012, 22, 5-8.	1.4	2
81	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
82	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
83	Cervical intraspinal extradural ganglion cyst: a case report and review of literature. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2012, 22, 407-411.	1.4	1
84	Pancreatic cancer metastasis presenting as an arachnoid cyst of the cervical spine: a case report. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2012, 22, 65-68.	1.4	2
85	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
86	Apoptosis in the Sequestered Nucleus Pulposus Compared to the Remaining Nucleus Pulposus in the Same Patient. <i>Spine</i> , 2011, 36, 683-689.	2.0	14
87	Adjacent segment degeneration after instrumented posterolateral lumbar fusion: a prospective cohort study with a minimum five-year follow-up. <i>European Spine Journal</i> , 2011, 20, 1951-1960.	2.2	106
88	Risk of progression of degenerative lumbar scoliosis. <i>Journal of Neurosurgery: Spine</i> , 2011, 15, 558-566.	1.7	39
89	Vertebral Compression Fracture in the Middle of Fused Segments Without a History of Injury. <i>Spine</i> , 2010, 35, E137-E139.	2.0	12
90	Thoracic Disc Herniation of the Adjacent Segment With Acutely Progressing Myelopathy. <i>Asian Spine Journal</i> , 2010, 4, 52.	2.0	3

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91	Bone Graft Volumetric Changes and Clinical Outcomes After Instrumented Lumbar or Lumbosacral Fusion. <i>Spine</i> , 2009, 34, 1663-1668.	2.0	24
92	Treatment for Multiple Aspergillus Spondylitis Including a Hip Joint. <i>Asian Spine Journal</i> , 2009, 3, 106.	2.0	7
93	Risk Factors for the Progressive Osteoporotic Spinal Fracture. <i>Journal of Korean Society of Spine Surgery</i> , 2009, 16, 153.	0.3	11
94	Pregabalin as a neuroprotector after spinal cord injury in rats. <i>European Spine Journal</i> , 2008, 17, 864-872.	2.2	55
95	Comparison of Posterolateral Fusion With and Without Additional Posterior Lumbar Interbody Fusion for Degenerative Lumbar Spondylolisthesis. <i>Journal of Spinal Disorders and Techniques</i> , 2008, 21, 229-234.	1.9	76
96	Degeneration of Sacroiliac Joint After Instrumented Lumbar or Lumbosacral Fusion. <i>Spine</i> , 2008, 33, 1192-1198.	2.0	217
97	Neuroprotective Effect of Moderate Epidural Hypothermia After Spinal Cord Injury in Rats. <i>Spine</i> , 2008, 33, 2059-2065.	2.0	46
98	The Fate of Anterior Autogenous Bone Graft After Anterior Radical Surgery With or Without Posterior Instrumentation in the Treatment of Pyogenic Lumbar Spondylodiscitis. <i>Spine</i> , 2007, 32, 1856-1864.	2.0	51
99	Aspergillus Spondylitis involving the Cervico-Thoraco-Lumbar Spine in an Immunocompromised Patient: a Case Report. <i>Korean Journal of Radiology</i> , 2007, 8, 448.	3.4	17
100	Nerve Ingrowth into Intervertebral Disc in Internal Disc Disruption. <i>Journal of Korean Society of Spine Surgery</i> , 2006, 13, 275.	0.3	0
101	The Expression of Hypoxia Inducible Factor-1 $\alpha$ and Apoptosis in Herniated Discs. <i>Spine</i> , 2006, 31, 1309-1313.	2.0	51
102	Expression of Estrogen Receptor of the Facet Joints in Degenerative Spondylolisthesis. <i>Spine</i> , 2005, 30, 562-566.	2.0	79
103	Adherence and Biofilm Formation of Staphylococcus Epidermidis and Mycobacterium Tuberculosis on Various Spinal Implants. <i>Spine</i> , 2005, 30, 38-43.	2.0	182
104	Role of Matrix Metalloproteinase-3 in Degenerative Lumbar Scoliosis. <i>Journal of Korean Society of Spine Surgery</i> , 2005, 12, 12.	0.3	0
105	Postoperative spondylitis after posterior lumbar interbody fusion using cages. <i>European Spine Journal</i> , 2004, 13, 419-24.	2.2	40
106	Chronic Inflammatory Granuloma Mimics Clinical Manifestations of Lumbar Spinal Stenosis after Acupuncture: A Case Report. <i>Spine</i> , 2003, 28, E217-E220.	2.0	14
107	Simple Bone Cyst With Pathologic Lumbar Pedicle Fracture. <i>Spine</i> , 2003, 28, E129-E131.	2.0	12
108	Anterior Decompression and Fusion with Instrumentation in Osteoporotic Vertebral Fracture. <i>Journal of Korean Society of Spine Surgery</i> , 2003, 10, 311.	0.3	1

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109	Calcium Sulfate as a Graft Substitute for Spinal Fusion. Journal of Korean Society of Spine Surgery, 2001, 8, 53.	0.3	1
110	Traumatic posterior atlantooccipital dislocation with Jefferson fracture and fracture-dislocation of C6-C7: a case report with survival. European Spine Journal, 2001, 10, 524-528.	2.2	11
111	Effect of Leukotriene B4 and Thromboxane B2 on Lumbar Nerve Roots in Rat. Journal of Korean Society of Spine Surgery, 2001, 8, 8.	0.3	0
112	Effect of Immobilization and Configuration on Lumbar Adjacent-Segment Biomechanics. Journal of Spinal Disorders, 1993, 6, 99-105.	1.1	93