Han Jo Kim

List of Publications by Year
in descending order

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117 papers	4,809 citations	126907 33 h-index	106344 65 g-index
118 all docs	118 docs citations	118 times ranked	2576 citing authors

#	Article	IF	Citations
1	Cervical Radiographical Alignment. Spine, 2013, 38, S149-S160.	2.0	414
2	Prospective multicenter assessment of perioperative and minimum 2-year postoperative complication rates associated with adult spinal deformity surgery. Journal of Neurosurgery: Spine, 2016, 25, 1-14.	1.7	280
3	Reliability assessment of a novel cervical spine deformity classification system. Journal of Neurosurgery: Spine, 2015, 23, 673-683.	1.7	223
4	Patients With Proximal Junctional Kyphosis Requiring Revision Surgery Have Higher Postoperative Lumbar Lordosis and Larger Sagittal Balance Corrections. Spine, 2014, 39, E576-E580.	2.0	205
5	Characterization and Surgical Outcomes of Proximal Junctional Failure in Surgically Treated Patients With Adult Spinal Deformity. Spine, 2014, 39, E607-E614.	2.0	179
6	Does Degenerative Lumbar Spine Disease Influence Femoroacetabular Flexion in Patients Undergoing Total Hip Arthroplasty?. Clinical Orthopaedics and Related Research, 2016, 474, 1788-1797.	1.5	175
7	Proximal Junctional Kyphosis as a Distinct Form of Adjacent Segment Pathology After Spinal Deformity Surgery. Spine, 2012, 37, S144-S164.	2.0	169
8	Proximal Junctional Kyphosis Results in Inferior SRS Pain Subscores in Adult Deformity Patients. Spine, 2013, 38, 896-901.	2.0	140
9	Impact of Cervical Sagittal Alignment Parameters on Neck Disability. Spine, 2016, 41, 371-377.	2.0	137
10	Combined Anterior-Posterior Surgery is the Most Important Risk Factor for Developing Proximal Junctional Kyphosis in Idiopathic Scoliosis. Clinical Orthopaedics and Related Research, 2012, 470, 1633-1639.	1.5	131
11	Variations in Sagittal Alignment Parameters Based on Age. Spine, 2016, 41, 1826-1836.	2.0	113
12	Proximal Junctional Kyphosis. Journal of the American Academy of Orthopaedic Surgeons, The, 2016, 24, 318-326.	2.5	110
13	Operative Versus Nonoperative Treatment for Adult Symptomatic Lumbar Scoliosis. Journal of Bone and Joint Surgery - Series A, 2019, 101, 338-352.	3.0	110
14	Comparison of best versus worst clinical outcomes for adult spinal deformity surgery: a retrospective review of a prospectively collected, multicenter database with 2-year follow-up. Journal of Neurosurgery: Spine, 2015, 23, 349-359.	1.7	99
15	Minimal Clinically Important Difference and Substantial Clinical Benefit Using PROMIS CAT in Cervical Spine Surgery. Clinical Spine Surgery, 2019, 32, 392-397.	1.3	89
16	Prospective Multicenter Assessment of Early Complication Rates Associated With Adult Cervical Deformity Surgery in 78 Patients. Neurosurgery, 2016, 79, 378-388.	1.1	84
17	Dynamic Radiographic Criteria for Detecting Pseudarthrosis Following Anterior Cervical Arthrodesis. Journal of Bone and Joint Surgery - Series A, 2014, 96, 557-563.	3.0	83
18	The Amount of Proximal Lumbar Lordosis Is Related to Pelvic Incidence. Clinical Orthopaedics and Related Research, 2018, 476, 1603-1611.	1.5	77

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19	The Health Impact of Adult Cervical Deformity in Patients Presenting for Surgical Treatment: Comparison to United States Population Norms and Chronic Disease States Based on the EuroQuol-5 Dimensions Questionnaire. Neurosurgery, 2017, 80, 716-725.	1.1	74
20	Variations in Occipitocervical and Cervicothoracic Alignment Parameters Based on Age. Spine, 2016, 41, 1837-1844.	2.0	72
21	Orientation of the Upper-most Instrumented Segment Influences Proximal Junctional Disease Following Adult Spinal Deformity Surgery. Spine, 2017, 42, 1570-1577.	2.0	64
22	Cervical mismatch: the normative value of T1 slope minus cervical lordosis and its ability to predict ideal cervical lordosis. Journal of Neurosurgery: Spine, 2019, 30, 31-37.	1.7	62
23	Upper Thoracic Versus Lower Thoracic Upper Instrumented Vertebrae Endpoints Have Similar Outcomes and Complications in Adult Scoliosis. Spine, 2014, 39, E795-E799.	2.0	60
24	Effective Prevention of Proximal Junctional Failure in Adult Spinal Deformity Surgery Requires a Combination of Surgical Implant Prophylaxis and Avoidance of Sagittal Alignment Overcorrection. Spine, 2020, 45, 258-267.	2.0	58
25	Pediatric osteogenic sarcoma. Current Opinion in Pediatrics, 2010, 22, 61-66.	2.0	56
26	Differential Diagnosis for Cervical Spondylotic Myelopathy. Spine, 2013, 38, S78-S88.	2.0	55
27	Comparison of Smith-Petersen Osteotomy Versus Pedicle Subtraction Osteotomy Versus Anterior-Posterior Osteotomy Types for the Correction of Cervical Spine Deformities. Spine, 2015, 40, 143-146.	2.0	55
28	The Risk of Adjacent-Level Ossification Development After Surgery in the Cervical Spine. Spine, 2012, 37, S65-S74.	2.0	51
29	Three-column osteotomy for correction of cervical and cervicothoracic deformities: alignment changes and early complications in a multicenter prospective series of 23 patients. European Spine Journal, 2017, 26, 2128-2137.	2.2	48
30	The Efficacy of a Thrombin-Based Hemostatic Agent in Unilateral Total Knee Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2012, 94, 1160-1165.	3.0	43
31	Predicting Extended Length of Hospital Stay in an Adult Spinal Deformity Surgical Population. Spine, 2016, 41, E798-E805.	2.0	43
32	Development of a Modified Cervical Deformity Frailty Index. Spine, 2019, 44, 169-176.	2.0	41
33	The Lumbar Pelvic Angle, the Lumbar Component of the T1 Pelvic Angle, Correlates With HRQOL, PI-LL Mismatch, and it Predicts Global Alignment. Spine, 2018, 43, 681-687.	2.0	38
34	Injuries to the great toe. Current Reviews in Musculoskeletal Medicine, 2017, 10, 104-112.	3.5	37
35	Perioperative Neurologic Complications in Adult Spinal Deformity Surgery. Spine, 2017, 42, 420-427.	2.0	37
36	Cervical sagittal deformity develops after PJK in adult thoracolumbar deformity correction: radiographic analysis utilizing a novel global sagittal angular parameter, the CTPA. European Spine Journal, 2017, 26, 1111-1120.	2.2	36

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37	The Effect of Aging on Cervical Parameters in a Normative North American Population. Global Spine Journal, 2018, 8, 709-715.	2.3	36
38	Anterior Cervical Osteotomy for Fixed Cervical Deformities. Spine, 2014, 39, 1751-1757.	2.0	34
39	Outcomes of Operative Treatment for Adult Cervical Deformity: A Prospective Multicenter Assessment With 1-Year Follow-up. Neurosurgery, 2018, 83, 1031-1039.	1.1	34
40	The relationship of pelvic incidence to post-operative total hip arthroplasty dislocation in patients with lumbar fusion. International Orthopaedics, 2018, 42, 2301-2306.	1.9	32
41	Identifying Thoracic Compensation and Predicting Reciprocal Thoracic Kyphosis and Proximal Junctional Kyphosis in Adult Spinal Deformity Surgery. Spine, 2018, 43, 1479-1486.	2.0	31
42	Whatâ€™s New in Spine Surgery. Journal of Bone and Joint Surgery - Series A, 2015, 97, 1022-1030.	3.0	29
43	The Relationship Between Improvements in Myelopathy and Sagittal Realignment in Cervical Deformity Surgery Outcomes. Spine, 2018, 43, 1117-1124.	2.0	29
44	Neuroanesthesia Guidelines for Optimizing Transcranial Motor Evoked Potential Neuromonitoring During Deformity and Complex Spinal Surgery. Spine, 2020, 45, 911-920.	2.0	29
45	Location of correction within the lumbar spine impacts acute adjacent-segment kyphosis. Journal of Neurosurgery: Spine, 2019, 30, 69-77.	1.7	27
46	Preoperative Hounsfield Units at the Planned Upper Instrumented Vertebrae May Predict Proximal Junctional Kyphosis in Adult Spinal Deformity. Spine, 2021, 46, E174-E180.	2.0	27
47	Predictive Model for Cervical Alignment and Malalignment Following Surgical Correction of Adult Spinal Deformity. Spine, 2016, 41, E1096-E1103.	2.0	25
48	T1 Slope Minus Cervical Lordosis (TS-CL), the Cervical Answer to PI-LL, Defines Cervical Sagittal Deformity in Patients Undergoing Thoracolumbar Osteotomy. International Journal of Spine Surgery, 2018, 12, 362-370.	1.5	25
49	Drivers of Cervical Deformity Have a Strong Influence on Achieving Optimal Radiographic and Clinical Outcomes at 1 Year After Cervical Deformity Surgery. World Neurosurgery, 2018, 112, e61-e68.	1.3	23
50	What Factors Predict the Risk of Proximal Junctional Failure in the Long Term, Demographic, Surgical, or Radiographic?. Spine, 2019, 44, 777-784.	2.0	23
51	Sagittal age-adjusted score (SAAS) for adult spinal deformity (ASD) more effectively predicts surgical outcomes and proximal junctional kyphosis than previous classifications. Spine Deformity, 2022, 10, 121-131.	1.5	23
52	Understanding Thoracic Spine Morphology, Shape, and Proportionality. Spine, 2020, 45, 149-157.	2.0	22
53	The Hip-Spine Challenge. Journal of Bone and Joint Surgery - Series A, 2021, 103, 1852-1860.	3.0	22
54	Predicting the occurrence of complications following corrective cervical deformity surgery: Analysis of a prospective multicenter database using predictive analytics. Journal of Clinical Neuroscience, 2019, 59, 155-161.	1.5	21

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55	Site-dependent Replacement or Internal Fixation for Postradiation Femur Fractures After Soft Tissue Sarcoma Resection. Clinical Orthopaedics and Related Research, 2010, 468, 3035-3040.	1.5	20
56	After Posterior Fusions for Adult Spinal Deformity, Operative Time is More Predictive of Perioperative Morbidity, Rather Than Surgical Invasiveness. Spine, 2017, 42, 1880-1887.	2.0	20
57	Hospital Readmission Within 2 Years Following Adult Thoracolumbar Spinal Deformity Surgery. Spine, 2016, 41, 1355-1364.	2.0	19
58	Prospective multi-centric evaluation of upper cervical and infra-cervical sagittal compensatory alignment in patients with adult cervical deformity. European Spine Journal, 2018, 27, 416-425.	2.2	19
59	Overlapping, Masquerading, and Causative Cervical Spine and Shoulder Pathology: A Systematic Review. Global Spine Journal, 2020, 10, 195-208.	2.3	19
60	Posterior Ligamentous Reinforcement of the Upper Instrumented Vertebrae +1 Does Not Decrease Proximal Junctional Kyphosis in Adult Spinal Deformity. Global Spine Journal, 2020, 10, 692-699.	2.3	18
61	Fixation Techniques in Lower Extremity Syndesmotic Injuries. Foot and Ankle International, 2017, 38, 1278-1288.	2.3	17
62	The 3 Sagittal Morphotypes That Define the Normal Cervical Spine. Journal of Bone and Joint Surgery - Series A, 2020, 102, e109.	3.0	17
63	After 9 Years of 3-Column Osteotomies, Are We Doing Better? Performance Curve Analysis of 573 Surgeries With 2-Year Follow-up. Neurosurgery, 2018, 83, 69-75.	1.1	16
64	Risk Factor Analysis for Proximal Junctional Kyphosis After Adult Spinal Deformity Surgery: A New Simple Scoring System to Identify High-Risk Patients. Global Spine Journal, 2020, 10, 863-870.	2.3	16
65	Predicting the combined occurrence of poor clinical and radiographic outcomes following cervical deformity corrective surgery. Journal of Neurosurgery: Spine, 2020, 32, 182-190.	1.7	16
66	Joint Preservation Techniques in Orthopaedic Surgery. Sports Health, 2017, 9, 545-554.	2.7	15
67	Cervical and Cervicothoracic Sagittal Alignment According to Roussouly Thoracolumbar Subtypes. Spine, 2019, 44, E634-E639.	2.0	15
68	Effect of Serious Adverse Events on Health-related Quality of Life Measures Following Surgery for Adult Symptomatic Lumbar Scoliosis. Spine, 2019, 44, 1211-1219.	2.0	15
69	Enhanced recovery pathway in adult patients undergoing thoracolumbar deformity surgery. Spine Journal, 2021, 21, 753-764.	1.3	15
70	Minimum Detectable Measurement Difference for Health-Related Quality of Life Measures Varies With Age and Disability in Adult Spinal Deformity. Spine, 2018, 43, E790-E795.	2.0	14
71	Improvement in Back and Leg Pain and Disability Following Adult Spinal Deformity Surgery. Spine, 2019, 44, 263-269.	2.0	14
72	Factors Associated With Short Length of Stay After Long Fusions for Adult Spinal Deformity: Initial Steps Toward Developing an Enhanced Recovery Pathway. Global Spine Journal, 2020, 11, 219256822094144.	2.3	14

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73	The morphology of cervical deformities: a two-step cluster analysis to identify cervical deformity patterns. Journal of Neurosurgery: Spine, 2020, 32, 353-359.	1.7	14
74	Prospective multicenter assessment of complication rates associated with adult cervical deformity surgery in 133 patients with minimum 1-year follow-up. Journal of Neurosurgery: Spine, 2020, 33, 588-600.	1.7	14
75	Recurrent Proximal Junctional Kyphosis. Spine, 2020, 45, E18-E24.	2.0	13
76	Development of a Preoperative Adult Spinal Deformity Comorbidity Score That Correlates With Common Quality and Value Metrics: Length of Stay, Major Complications, and Patient-Reported Outcomes. Global Spine Journal, 2021, 11, 146-153.	2.3	13
77	Cervical Alignment Changes in Patients Developing Proximal Junctional Kyphosis Following Surgical Correction of Adult Spinal Deformity. Neurosurgery, 2018, 83, 675-682.	1.1	12
78	Recovery Kinetics: Comparison of Patients Undergoing Primary or Revision Procedures for Adult Cervical Deformity Using a Novel Area Under the Curve Methodology. Neurosurgery, 2019, 85, E40-E51.	1.1	12
79	Allografts. Clinics in Sports Medicine, 2017, 36, 509-523.	1.8	11
80	Determinants of Patient Satisfaction 2 Years After Spinal Deformity Surgery. Spine, 2019, 44, E45-E52.	2.0	11
81	A Prospective, Psychometric Validation of National Institutes of Health Patient-Reported Outcomes Measurement Information System Physical Function, Pain Interference, and Upper Extremity Computer Adaptive Testing in Cervical Spine Patients. Spine, 2019, 44, 1539-1549.	2.0	10
82	Thromboembolic Events After Traumatic Vertebral Fractures. Spine, 2018, 43, 1289-1295.	2.0	9
83	Outcomes of Revision Surgery for Pseudarthrosis After Anterior Cervical Fusion: Case Series and Systematic Review. Global Spine Journal, 2020, 10, 559-570.	2.3	9
84	Whatâ€™s New in Spine Surgery. Journal of Bone and Joint Surgery - Series A, 2014, 96, 1048-1054.	3.0	8
85	Surgical Planning for Adult Spinal Deformity: Anticipated Sagittal Alignment Corrections According to the Surgical Level. Global Spine Journal, 2022, 12, 1761-1769.	2.3	8
86	Appropriate Risk Stratification and Accounting for Age-Adjusted Reciprocal Changes in the Thoracolumbar Spine Reduces the Incidence and Magnitude of Distal Junctional Kyphosis in Cervical Deformity Surgery. Spine, 2021, 46, 1437-1447.	2.0	8
87	The utility of supine radiographs in the assessment of thoracic flexibility and risk of proximal junctional kyphosis. Journal of Neurosurgery: Spine, 2021, 35, 110-116.	1.7	8
88	Does Achieving Global Spinal Alignment Lead to Higher Patient Satisfaction and Lower Disability in Adult Spinal Deformity?. Spine, 2021, 46, 1105-1110.	2.0	8
89	Cervical, Thoracic, and Spinopelvic Compensation After Proximal Junctional Kyphosis (PJK): Does Location of PJK Matter?. Global Spine Journal, 2020, 10, 6-12.	2.3	7
90	Alignment Targets, Curve Proportion and Mechanical Loading: Preliminary Analysis of an Ideal Shape Toward Reducing Proximal Junctional Kyphosis. Global Spine Journal, 2022, 12, 1165-1174.	2.3	7

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91	Modern Techniques in the Treatment of Patients with Metastatic Spine Disease. Journal of Bone and Joint Surgery - Series A, 2012, 94, 943-951.	3.0	6
92	Patient outcomes after circumferential minimally invasive surgery compared with those of open correction for adult spinal deformity: initial analysis of prospectively collected data. Journal of Neurosurgery: Spine, 2021, , 1-12.	1.7	6
93	Patient education in an ambulatory surgical center setting. Journal of Spine Surgery, 2019, 5, S206-S211.	1.2	5
94	Neurological Complications and Recovery Rates of Patients With Adult Cervical Deformity Surgeries. Global Spine Journal, 2022, 12, 1091-1097.	2.3	5
95	Preoperative planning for intraoperative navigation guidance. Annals of Translational Medicine, 2021, 9, 87-87.	1.7	5
96	Upper versus Lower Lumbar Lordosis Corrections in Relation to Pelvic Tilt â€“ An Essential Element in Surgical Planning for Sagittal Plane Deformity. Spine, 2022, 47, 1145-1150.	2.0	5
97	Postoperative Blood Salvage and Autotransfusion for Adult Spinal Deformity. Spine, 2020, 45, 1247-1252.	2.0	4
98	Early Opioid Consumption Patterns After Anterior Cervical Spine Surgery. Clinical Spine Surgery, 2021, Publish Ahead of Print, .	1.3	4
99	Examination of Adult Spinal Deformity Patients Undergoing Surgery with Implanted Spinal Cord Stimulators and Intrathecal Pumps. Spine, 2022, 47, 227-233.	2.0	4
100	Association of Duration of Preoperative Opioid Use with Reoperation After One-Level Anterior Cervical Discectomy and Fusion in Non-Myelopathic Patients. Spine, 2020, Publish Ahead of Print, E719-E725.	2.0	4
101	Supine Imaging Is a Superior Predictor of Long-Term Alignment Following Adult Spinal Deformity Surgery. Global Spine Journal, 2022, 12, 631-637.	2.3	4
102	Patterns of Lumbar Spine Malalignment Leading to Revision Surgery for Proximal Junctional Kyphosis: A Cluster Analysis of Over- Versus Under-Correction. Global Spine Journal, 2023, 13, 1737-1744.	2.3	4
103	Weight Change and Clinical Outcomes Following Adult Spinal Deformity Surgery in Overweight and Obese Patients. Spine Deformity, 2013, 1, 377-381.	1.5	3
104	Counseling Guidelines for Anticipated Postsurgical Improvements in Pain, Function, Mental Health, and Self-image for Different Types of Adult Spinal Deformity. Spine, 2020, 45, 1118-1127.	2.0	3
105	Defining an Algorithm of Treatment for Severe Cervical Deformity Using Surgeon Survey and Treatment Patterns. World Neurosurgery, 2020, 139, e541-e547.	1.3	3
106	Adult Spinal Deformity Surgery Is Associated with Increased Productivity and Decreased Absenteeism From Work and School. Spine, 2022, 47, 287-294.	2.0	3
107	Predicting Mechanical Failure Following Cervical Deformity Surgery: A Composite Score Integrating Age-Adjusted Cervical Alignment Targets. Global Spine Journal, 2023, 13, 2432-2438.	2.3	3
108	How Much Lumbar Lordosis does a Patient Need to Reach their Age-Adjusted Alignment Target? A Formulated Approach Predicting Successful Surgical Outcomes. Global Spine Journal, 2024, 14, 41-48.	2.3	3

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109	Reply to the Letter to the Editor: Does Degenerative Lumbar Spine Disease Influence Femoroacetabular Flexion in Patients Undergoing Total Hip Arthroplasty?. Clinical Orthopaedics and Related Research, 2016, 474, 1881-1881.	1.5	2
110	Group-based Trajectory Modeling: A Novel Approach to Classifying Discriminative Functional Status Following Adult Spinal Deformity Surgery. Spine, 2020, 45, 903-910.	2.0	2
111	Cervicothoracic Versus Proximal Thoracic Lower Instrumented Vertebra Have Comparable Radiographic and Clinical Outcomes in Adult Cervical Deformity. Global Spine Journal, 2023, 13, 1056-1063.	2.3	2
112	Congenital Unilateral Hypertrophy of the Foot Intrinsics: A Rare Case and Review of Literature. Journal of Orthopaedic Case Reports, 2019, 9, 34-37.	0.1	2
113	Evolution of Proximal Junctional Kyphosis and Proximal Junctional Failure Rates Over 10 Years of Enrollment in a Prospective Multicenter Adult Spinal Deformity Database. Spine, 2022, 47, 922-930.	2.0	2
114	Early Catastrophic Failure of Cervical Disc Arthroplasty. JBJS Case Connector, 2021, 11, e20.00185-e20.00185.	0.3	1
115	A Comparison of Three Different Positioning Techniques on Surgical Corrections and Postoperative Alignment in Cervical Spinal Deformity (CD) Surgery. Spine, 2021, 46, 567-570.	2.0	1
116	Lowest Instrumented Vertebra Selection to S1 or Ilium Versus L4 or L5 in Adult Spinal Deformity: Factors for Consideration in 349 Patients With a Mean 46-Month Follow-Up. Global Spine Journal, 2021, , 219256822110091.	2.3	0
117	Title: How Does Gravity Influence the Distribution of Lordosis in Patients With Sagittal Malalignment?. Global Spine Journal, 2022, , 219256822210874.	2.3	0