

Virginie Lafage

List of Publications by Year in descending order

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Version: 2024-02-01

628
papers

26,363
citations

8755

77
h-index

12272

138
g-index

634
all docs

634
docs citations

634
times ranked

7626
citing authors

#	ARTICLE	IF	CITATIONS
1	How Much Lumbar Lordosis does a Patient Need to Reach their Age-Adjusted Alignment Target? A Formulated Approach Predicting Successful Surgical Outcomes. <i>Global Spine Journal</i> , 2024, 14, 41-48.	1.2	3
2	Bone Density Distribution in the Cervical Spine. <i>Global Spine Journal</i> , 2024, 14, 169-176.	1.2	4
3	Cervicothoracic Versus Proximal Thoracic Lower Instrumented Vertebra Have Comparable Radiographic and Clinical Outcomes in Adult Cervical Deformity. <i>Global Spine Journal</i> , 2023, 13, 1056-1063.	1.2	2
4	Comparable satisfaction and clinical outcomes after surgery for adolescent idiopathic scoliosis in the adult (AISA) between the US and Japan. <i>Journal of Orthopaedic Science</i> , 2023, 28, 92-97.	0.5	1
5	Patterns of Lumbar Spine Malalignment Leading to Revision Surgery for Proximal Junctional Kyphosis: A Cluster Analysis of Over- Versus Under-Correction. <i>Global Spine Journal</i> , 2023, 13, 1737-1744.	1.2	4
6	Predicting Mechanical Failure Following Cervical Deformity Surgery: A Composite Score Integrating Age-Adjusted Cervical Alignment Targets. <i>Global Spine Journal</i> , 2023, 13, 2432-2438.	1.2	3
7	Neurological Complications and Recovery Rates of Patients With Adult Cervical Deformity Surgeries. <i>Global Spine Journal</i> , 2022, 12, 1091-1097.	1.2	5
8	Surgical Planning for Adult Spinal Deformity: Anticipated Sagittal Alignment Corrections According to the Surgical Level. <i>Global Spine Journal</i> , 2022, 12, 1761-1769.	1.2	8
9	Examination of Adult Spinal Deformity Patients Undergoing Surgery with Implanted Spinal Cord Stimulators and Intrathecal Pumps. <i>Spine</i> , 2022, 47, 227-233.	1.0	4
10	Increasing Cost Efficiency in Adult Spinal Deformity Surgery. <i>Spine</i> , 2022, 47, 21-26.	1.0	7
11	Sagittal age-adjusted score (SAAS) for adult spinal deformity (ASD) more effectively predicts surgical outcomes and proximal junctional kyphosis than previous classifications. <i>Spine Deformity</i> , 2022, 10, 121-131.	0.7	23
12	Association of findings on preoperative extension lateral cervical radiography with osteotomy type, approach, and postoperative cervical alignment after cervical deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 93-98.	0.9	3
13	Computed Tomography and Magnetic Resonance Imaging Overlay in the Spine for Surgical Planning: A Technical Report. <i>HSS Journal</i> , 2022, 18, 439-447.	0.7	3
14	The impact of preoperative supine radiographs on surgical strategy in adult spinal deformity. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 71-77.	0.9	1
15	Alignment Targets, Curve Proportion and Mechanical Loading: Preliminary Analysis of an Ideal Shape Toward Reducing Proximal Junctional Kyphosis. <i>Global Spine Journal</i> , 2022, 12, 1165-1174.	1.2	7
16	Postoperative Evolution of Sagittal Parameters Over Time Does Not Differ by Upper Instrumented Vertebra. <i>Spine</i> , 2022, 47, 800-807.	1.0	3
17	Adult Spinal Deformity Surgery Is Associated with Increased Productivity and Decreased Absenteeism From Work and School. <i>Spine</i> , 2022, 47, 287-294.	1.0	3
18	When can we expect global sagittal alignment to reach a stable value following cervical deformity surgery?. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 616-623.	0.9	2

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19	Supine Imaging Is a Superior Predictor of Long-Term Alignment Following Adult Spinal Deformity Surgery. <i>Global Spine Journal</i> , 2022, 12, 631-637.	1.2	4
20	Assessment of Adult Spinal Deformity Complication Timing and Impact on 2-Year Outcomes Using a Comprehensive Adult Spinal Deformity Classification System. <i>Spine</i> , 2022, 47, 445-454.	1.0	6
21	Comparing and Contrasting the Clinical Utility of Sagittal Spine Alignment Classification Frameworks. <i>Spine</i> , 2022, 47, 455-462.	1.0	7
22	Improvement and International Validation of the Predictive Probability of the Patient Demographics, Radiographic Index, and Surgical Invasiveness for Mechanical Failure (PRISM) Model for Preventive Procedures in Adult Spinal Deformity Surgery. <i>Spine</i> , 2022, 47, 680-690.	1.0	2
23	Establishing the minimal clinically important difference for the PROMIS Physical domains in cervical deformity patients. <i>Journal of Clinical Neuroscience</i> , 2022, 96, 19-24.	0.8	5
24	Surgical Factors and Treatment Severity for Perioperative Complications Predict Hospital Length of Stay in Adult Spinal Deformity Surgery. <i>Spine</i> , 2022, 47, 136-143.	1.0	11
25	Low-Density Pedicle Screw Constructs Are Associated with Lower Incidence of Proximal Junctional Failure in Adult Spinal Deformity Surgery. <i>Spine</i> , 2022, 47, 463-469.	1.0	6
26	Health-related quality of life measures in adult spinal deformity: can we replace the SRS-22 with PROMIS?. <i>European Spine Journal</i> , 2022, 31, 1184-1188.	1.0	3
27	The Clinical Impact of Failing to Achieve Ideal Proportional Realignment in Adult Spinal Deformity Patients. <i>Spine</i> , 2022, 47, 995-1002.	1.0	8
28	Predicting development of severe clinically relevant distal junctional kyphosis following adult cervical deformity surgery, with further distinction from mild asymptomatic episodes. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 960-967.	0.9	4
29	Cervical and spinopelvic parameters can predict patient reported outcomes following cervical deformity surgery. <i>Journal of Craniovertebral Junction and Spine</i> , 2022, 13, 62.	0.4	2
30	Disseminated Intravascular Coagulation in Pediatric Scoliosis Surgery: A Systematic Review. <i>International Journal of Spine Surgery</i> , 2022, 16, 4-10.	0.7	0
31	Title: How Does Gravity Influence the Distribution of Lordosis in Patients With Sagittal Malalignment?. <i>Global Spine Journal</i> , 2022, , 219256822210874.	1.2	0
32	Radiographic Characteristics of Cervical Deformity (CD) Using a Discriminant Analysis. <i>Clinical Spine Surgery</i> , 2022, Publish Ahead of Print, .	0.7	0
33	Is frailty responsive to surgical correction of adult spinal deformity? An investigation of sagittal re-alignment and frailty component drivers of postoperative frailty status. <i>Spine Deformity</i> , 2022, , 1.	0.7	1
34	Kickstand rods and correction of coronal malalignment in patients with adult spinal deformity. <i>European Spine Journal</i> , 2022, 31, 1197-1205.	1.0	6
35	Assessment of Postoperative Outcomes of Spine Fusion Patients With History of Cardiac Disease. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2022, 30, e683-e689.	1.1	4
36	Examination of the Economic Burden of Frailty in Patients With Adult Spinal Deformity Undergoing Surgical Intervention. <i>Neurosurgery</i> , 2022, 90, 148-153.	0.6	7

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37	Complication rate evolution across a 10-year enrollment period of a prospective multicenter database. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 1012.	0.9	1
38	The impact of lumbar alignment targets on mechanical complications after adult lumbar scoliosis surgery. <i>European Spine Journal</i> , 2022, 31, 1573-1582.	1.0	9
39	Letter to the Editor for state of the art: proximal junctional kyphosis; diagnosis, management and prevention. <i>Spine Deformity</i> , 2022, , .	0.7	0
40	Predictive Analytics for Determining Extended Operative Time in Corrective Adult Spinal Deformity Surgery. <i>International Journal of Spine Surgery</i> , 2022, 16, 291-299.	0.7	1
41	Do the newly proposed realignment targets for C2 and T1 slope bridge the gap between radiographic and clinical success in corrective surgery for adult cervical deformity?. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 368-375.	0.9	4
42	Upper versus Lower Lumbar Lordosis Corrections in Relation to Pelvic Tilt " An Essential Element in Surgical Planning for Sagittal Plane Deformity. <i>Spine</i> , 2022, 47, 1145-1150.	1.0	5
43	Evolution of Proximal Junctional Kyphosis and Proximal Junctional Failure Rates Over 10 Years of Enrollment in a Prospective Multicenter Adult Spinal Deformity Database. <i>Spine</i> , 2022, 47, 922-930.	1.0	2
44	Proximal and distal reciprocal changes following cervical deformity malalignment correction. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 599-606.	0.9	3
45	"Reverse rousouly" cervicothoracic curvature ratios define characteristic shapes in adult cervical deformity. <i>European Spine Journal</i> , 2022, , .	1.0	1
46	Bariatric Surgery Lowers Rates of Spinal Symptoms and Spinal Surgery in a Morbidly Obese Population. <i>Clinical Spine Surgery</i> , 2022, 35, 371-375.	0.7	2
47	Outcomes of operative treatment for adult spinal deformity: a prospective multicenter assessment with mean 4-year follow-up. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 607-616.	0.9	6
48	Defining age-adjusted spinopelvic alignment thresholds: should we integrate BMI?. <i>Spine Deformity</i> , 2022, 10, 1077-1084.	0.7	1
49	Classification system for cervical spine deformity morphology: a validation study. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 865-873.	0.9	1
50	In the Relationship Between Change in Kyphosis and Change in Lordosis: Which Drives Which?. <i>Global Spine Journal</i> , 2021, 11, 541-548.	1.2	1
51	Analysis of the influence of species, intervertebral disc height and Pfirrmann classification on failure load of an injured disc using a novel disc herniation model. <i>Spine Journal</i> , 2021, 21, 698-707.	0.6	10
52	A cost benefit analysis of increasing surgical technology in lumbar spine fusion. <i>Spine Journal</i> , 2021, 21, 193-201.	0.6	25
53	Patients with abnormal microarchitecture have an increased risk of early complications after spinal fusion surgery. <i>Bone</i> , 2021, 143, 115731.	1.4	13
54	Predictive Model for Selection of Upper Treated Vertebra Using a Machine Learning Approach. <i>World Neurosurgery</i> , 2021, 146, e225-e232.	0.7	10

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55	Morphometric analysis of cervical interlaminar space for posterior surgical approach and decompression. <i>Surgical and Radiologic Anatomy</i> , 2021, 43, 873-879.	0.6	1
56	Redefining cervical spine deformity classification through novel cutoffs: An assessment of the relationship between radiographic parameters and functional neurological outcomes. <i>Journal of Craniovertebral Junction and Spine</i> , 2021, 12, 157.	0.4	8
57	State of the art: proximal junctional kyphosisâ€”diagnosis, management and prevention. <i>Spine Deformity</i> , 2021, 9, 635-644.	0.7	14
58	Predictive model for achieving good clinical and radiographic outcomes at one-year following surgical correction of adult cervical deformity. <i>Journal of Craniovertebral Junction and Spine</i> , 2021, 12, 228.	0.4	1
59	Prioritization of realignment associated with superior clinical outcomes for surgical cervical deformity patients. <i>Journal of Craniovertebral Junction and Spine</i> , 2021, 12, 311.	0.4	2
60	Effect of age-adjusted alignment goals and distal inclination angle on the fate of distal junctional kyphosis in cervical deformity surgery. <i>Journal of Craniovertebral Junction and Spine</i> , 2021, 12, 65.	0.4	4
61	A Risk-Benefit Analysis of Increasing Surgical Invasiveness Relative to Frailty Status in Adult Spinal Deformity Surgery. <i>Spine</i> , 2021, 46, 1087-1096.	1.0	11
62	The relationship of global sagittal malalignment to fatty infiltration in the aging spine. <i>European Spine Journal</i> , 2021, 30, 2480-2485.	1.0	5
63	Does Matching Roussouly Spinal Shape and Improvement in SRS-Schwab Modifier Contribute to Improved Patient-reported Outcomes?. <i>Spine</i> , 2021, 46, 1258-1263.	1.0	6
64	Practical answers to frequently asked questions for shared decision-making in adult spinal deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 218-227.	0.9	2
65	Toward understanding the underlying mechanisms of pelvic tilt reserve in adult spinal deformity: the role of the 3D hip orientation. <i>European Spine Journal</i> , 2021, 30, 2495-2503.	1.0	8
66	Predictors of Superior Recovery Kinetics in Adult Cervical Deformity Correction. <i>Spine</i> , 2021, 46, 559-566.	1.0	4
67	Vertebral Coplanar Alignment Technique Versus Bilateral Apical Vertebral Derotation Technique in Neuromuscular Scoliosis. <i>Global Spine Journal</i> , 2021, , 219256822199231.	1.2	0
68	Baseline Frailty Status Influences Recovery Patterns and Outcomes Following Alignment Correction of Cervical Deformity. <i>Neurosurgery</i> , 2021, 88, 1121-1127.	0.6	14
69	Early Opioid Consumption Patterns After Anterior Cervical Spine Surgery. <i>Clinical Spine Surgery</i> , 2021, Publish Ahead of Print, .	0.7	4
70	At What Point Should the Thoracolumbar Region Be Addressed in Patients Undergoing Corrective Cervical Deformity Surgery?. <i>Spine</i> , 2021, 46, E1113-E1118.	1.0	1
71	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. <i>Spine</i> , 2021, 46, 1437-1447.	1.0	8
72	Multicenter assessment of surgical outcomes in adult spinal deformity patients with severe global coronal malalignment: determination of target coronal realignment threshold. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 399-412.	0.9	19

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73	Factors influencing upper-most instrumented vertebrae selection in adult spinal deformity patients: qualitative case-based survey of deformity surgeons. <i>Journal of Spine Surgery</i> , 2021, 7, 37-47.	0.6	2
74	Fractional Curve in Adult Spinal Deformity. <i>Clinical Spine Surgery</i> , 2021, 34, E276-E281.	0.7	1
75	Volume of spinopelvic muscles: comparison between adult spinal deformity patients and asymptomatic subjects. <i>Spine Deformity</i> , 2021, 9, 1617-1624.	0.7	2
76	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. <i>Global Spine Journal</i> , 2021, , 219256822110091.	1.2	0
77	Artificial intelligence clustering of adult spinal deformity sagittal plane morphology predicts surgical characteristics, alignment, and outcomes. <i>European Spine Journal</i> , 2021, 30, 2157-2166.	1.0	16
78	The Scoliosis Research Society adult spinal deformity standard outcome set. <i>Spine Deformity</i> , 2021, 9, 1211-1221.	0.7	8
79	Outcomes of Same-Day Orthopedic Surgery: Are Spine Patients More Likely to Have Optimal Immediate Recovery From Outpatient Procedures?. <i>International Journal of Spine Surgery</i> , 2021, 15, 334-340.	0.7	1
80	Enhanced recovery pathway in adult patients undergoing thoracolumbar deformity surgery. <i>Spine Journal</i> , 2021, 21, 753-764.	0.6	15
81	Surgical outcomes in rigid versus flexible cervical deformities. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 716-724.	0.9	6
82	Patient-related and radiographic predictors of inferior health-related quality-of-life measures in adult patients with nonoperative spinal deformity. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 907-913.	0.9	5
83	Use of rhBMP-2 for adult spinal deformity surgery: patterns of usage and changes over the past decade. <i>Neurosurgical Focus</i> , 2021, 50, E4.	1.0	5
84	Outcomes of Surgical Treatment for 138 Patients With Severe Sagittal Deformity at a Minimum 2-Year Follow-up: A Case Series. <i>Operative Neurosurgery</i> , 2021, 21, 94-103.	0.4	3
85	Timing of conversion to cervical malalignment and proximal junctional kyphosis following surgical correction of adult spinal deformity: a 3-year radiographic analysis. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 830-838.	0.9	0
86	Not Frail and Elderly: How Invasive Can We Go in This Different Type of Adult Spinal Deformity Patient?. <i>Spine</i> , 2021, 46, 1559-1563.	1.0	5
87	Prevalence of Cannabidiol Use in Patients With Spine Complaints: Results of an Anonymous Survey. <i>International Journal of Spine Surgery</i> , 2021, 15, 663-668.	0.7	10
88	Operative versus nonoperative treatment for adult symptomatic lumbar scoliosis at 5-year follow-up: durability of outcomes and impact of treatment-related serious adverse events. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 67-79.	0.9	16
89	Gait kinematic alterations in subjects with adult spinal deformity and their radiological determinants. <i>Gait and Posture</i> , 2021, 88, 203-209.	0.6	15
90	Improvement in some Ames-ISSG cervical deformity classification modifier grades may correlate with clinical improvement. <i>Journal of Clinical Neuroscience</i> , 2021, 89, 297-304.	0.8	6

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91	Outcomes of Patients With Parkinson Disease Undergoing Cervical Spine Surgery for Radiculopathy and Myelopathy With Minimum 2-Year Follow-up. <i>Clinical Spine Surgery</i> , 2021, 34, E432-E438.	0.7	2
92	The utility of supine radiographs in the assessment of thoracic flexibility and risk of proximal junctional kyphosis. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 110-116.	0.9	8
93	Development and Initial Internal Validation of a Novel Classification System for Perioperative Expectations Following Minimally Invasive Degenerative Lumbar Spine Surgery. <i>Clinical Spine Surgery</i> , 2021, 34, E537-E544.	0.7	15
94	Global coronal decompensation and adult spinal deformity surgery: comparison of upper-thoracic versus lower-thoracic proximal fixation for long fusions. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 761-773.	0.9	5
95	Multicenter assessment of outcomes and complications associated with transforaminal versus anterior lumbar interbody fusion for fractional curve correction. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 729-742.	0.9	14
96	Predictors of serious, preventable, and costly medical complications in a population of adult spinal deformity patients. <i>Spine Journal</i> , 2021, 21, 1559-1566.	0.6	5
97	Global alignment taking into account the cervical spine with odontoid hip axis angle (OD-HA). <i>European Spine Journal</i> , 2021, 30, 3647-3655.	1.0	7
98	Prioritization of Realignment Associated With Superior Clinical Outcomes for Cervical Deformity Patients. <i>Neurospine</i> , 2021, 18, 506-514.	1.1	8
99	Lateral Thoracolumbar Listhesis as an Independent Predictor of Disability in Adult Scoliosis Patients: Multivariable Assessment Before and After Surgical Realignment. <i>Neurosurgery</i> , 2021, 89, 1080-1086.	0.6	3
100	Shoulder Balance in Adult Spinal Deformity Patients Undergoing Selective Lumbar Fusion. <i>Spine</i> , 2021, Publish Ahead of Print, E385-E389.	1.0	0
101	Reaching the medicare allowable threshold in adult spinal deformity surgery: multicenter cost analysis comparing actual direct hospital costs versus what the government will pay. <i>Spine Deformity</i> , 2021, , 1.	0.7	3
102	Quality metrics in adult spinal deformity surgery over the last decade: a combined analysis of the largest prospective multicenter data sets. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-9.	0.9	11
103	The impact of the lower instrumented level on outcomes in cervical deformity surgery. <i>Journal of Craniovertebral Junction and Spine</i> , 2021, 12, 306.	0.4	2
104	Cervical deformity patients with baseline hyperlordosis or hyperkyphosis differ in surgical treatment and radiographic outcomes. <i>Journal of Craniovertebral Junction and Spine</i> , 2021, 12, 279.	0.4	4
105	Risk-benefit assessment of major versus minor osteotomies for flexible and rigid cervical deformity correction. <i>Journal of Craniovertebral Junction and Spine</i> , 2021, 12, 263.	0.4	3
106	Operative Treatment of Severe Scoliosis in Symptomatic Adults: Multicenter Assessment of Outcomes and Complications With Minimum 2-Year Follow-up. <i>Neurosurgery</i> , 2021, 89, 1012-1026.	0.6	3
107	Preoperative Hounsfield Units at the Planned Upper Instrumented Vertebrae May Predict Proximal Junctional Kyphosis in Adult Spinal Deformity. <i>Spine</i> , 2021, 46, E174-E180.	1.0	27
108	Does Achieving Global Spinal Alignment Lead to Higher Patient Satisfaction and Lower Disability in Adult Spinal Deformity?. <i>Spine</i> , 2021, 46, 1105-1110.	1.0	8

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109	Patient outcomes after circumferential minimally invasive surgery compared with those of open correction for adult spinal deformity: initial analysis of prospectively collected data. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-12.	0.9	6
110	Surgical Strategy for the Management of Cervical Deformity Is Based on Type of Cervical Deformity. <i>Journal of Clinical Medicine</i> , 2021, 10, 4826.	1.0	6
111	Pelvic Incidence Affects Age-adjusted Alignment Outcomes in a Population of Adult Spinal Deformity. <i>Clinical Spine Surgery</i> , 2021, 34, E51-E56.	0.7	8
112	Improvement in SRS-22R Self-Image Correlate Most with Patient Satisfaction after 3-Column Osteotomy. <i>Spine</i> , 2021, 46, 822-827.	1.0	6
113	Depression Symptoms Are Associated with Poor Functional Status Among Operative Spinal Deformity Patients. <i>Spine</i> , 2021, 46, 447-456.	1.0	10
114	Neuromuscular Scoliosis: Comorbidities and Complications. <i>Asian Spine Journal</i> , 2021, 15, 778-790.	0.8	6
115	A Comparison of Three Different Positioning Techniques on Surgical Corrections and Postoperative Alignment in Cervical Spinal Deformity (CD) Surgery. <i>Spine</i> , 2021, 46, 567-570.	1.0	1
116	Development and Validation of a Multidomain Surgical Complication Classification System for Adult Spinal Deformity. <i>Spine</i> , 2021, 46, E267-E273.	1.0	10
117	The impact of postoperative neurologic complications on recovery kinetics in cervical deformity surgery. <i>Journal of Craniovertebral Junction and Spine</i> , 2021, 12, 393.	0.4	0
118	Alteration of the Sitting and Standing Movement in Adult Spinal Deformity. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 751193.	2.0	2
119	Are the Arbeitsgemeinschaft FÄ¼r Osteosynthesefragen (AO) Principles for Long Bone Fractures Applicable to 3-Column Osteotomy to Reduce Rod Fracture Rates?. <i>Clinical Spine Surgery</i> , 2021, Publish Ahead of Print, .	0.7	0
120	Durability of Satisfactory Functional Outcomes Following Surgical Adult Spinal Deformity Correction: A 3-Year Survivorship Analysis. <i>Operative Neurosurgery</i> , 2020, 18, 118-125.	0.4	9
121	A New Piece of the Puzzle to Understand Cervical Sagittal Alignment: Utilizing a Novel Angle $\hat{\tau}$ to Describe the Relationship among T1 Vertebral Body Slope, Cervical Lordosis, and Cervical Sagittal Alignment. <i>Neurosurgery</i> , 2020, 86, 446-451.	0.6	18
122	The Influence of Surgical Intervention and Sagittal Alignment on Frailty in Adult Cervical Deformity. <i>Operative Neurosurgery</i> , 2020, 18, 583-589.	0.4	8
123	Incidence of Acute, Progressive, and Delayed Proximal Junctional Kyphosis Over an 8-Year Period in Adult Spinal Deformity Patients. <i>Operative Neurosurgery</i> , 2020, 18, 75-82.	0.4	19
124	Posterior Ligamentous Reinforcement of the Upper Instrumented Vertebrae +1 Does Not Decrease Proximal Junctional Kyphosis in Adult Spinal Deformity. <i>Global Spine Journal</i> , 2020, 10, 692-699.	1.2	18
125	Risk Factor Analysis for Proximal Junctional Kyphosis After Adult Spinal Deformity Surgery: A New Simple Scoring System to Identify High-Risk Patients. <i>Global Spine Journal</i> , 2020, 10, 863-870.	1.2	16
126	Obesity negatively affects cost efficiency and outcomes following adult spinal deformity surgery. <i>Spine Journal</i> , 2020, 20, 512-518.	0.6	11

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127	Should Sagittal Spinal Alignment Targets for Adult Spinal Deformity Correction Depend on Pelvic Incidence and Age?. Spine, 2020, 45, 250-257.	1.0	27
128	Recurrent Proximal Junctional Kyphosis. Spine, 2020, 45, E18-E24.	1.0	13
129	Understanding Thoracic Spine Morphology, Shape, and Proportionality. Spine, 2020, 45, 149-157.	1.0	22
130	Pelvic Compensation in Sagittal Malalignment. Spine, 2020, 45, E203-E209.	1.0	9
131	Predicting the Occurrence of Postoperative Distal Junctional Kyphosis in Cervical Deformity Patients. Neurosurgery, 2020, 86, E38-E46.	0.6	27
132	Utilization of Predictive Modeling to Determine Episode of Care Costs and to Accurately Identify Catastrophic Cost Nonwarranty Outlier Patients in Adult Spinal Deformity Surgery. Spine, 2020, 45, E252-E265.	1.0	28
133	Development of a Novel Cervical Deformity Surgical Invasiveness Index. Spine, 2020, 45, 116-123.	1.0	12
134	Does Patient Frailty Status Influence Recovery Following Spinal Fusion for Adult Spinal Deformity?. Spine, 2020, 45, E397-E405.	1.0	25
135	Relationships between radiographic parameters and spinopelvic muscles in adult spinal deformity patients. European Spine Journal, 2020, 29, 1328-1339.	1.0	24
136	The Importance of C2 Slope, a Singular Marker of Cervical Deformity, Correlates With Patient-reported Outcomes. Spine, 2020, 45, 184-192.	1.0	38
137	ODI Cannot Account for All Variation in PROMIS Scores in Patients With Thoracolumbar Disorders. Global Spine Journal, 2020, 10, 399-405.	1.2	7
138	Complication Risk in Primary and Revision Minimally Invasive Lumbar Interbody Fusion: A Comparable Alternative to Conventional Open Techniques?. Global Spine Journal, 2020, 10, 619-626.	1.2	5
139	Group-based Trajectory Modeling: A Novel Approach to Classifying Discriminative Functional Status Following Adult Spinal Deformity Surgery. Spine, 2020, 45, 903-910.	1.0	2
140	The 3 Sagittal Morphotypes That Define the Normal Cervical Spine. Journal of Bone and Joint Surgery - Series A, 2020, 102, e109.	1.4	17
141	Cost-Utility Analysis of rhBMP-2 Use in Adult Spinal Deformity Surgery. Spine, 2020, 45, 1009-1015.	1.0	28
142	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.	1.0	3
143	Classifying Complications: Assessing Adult Spinal Deformity 2-Year Surgical Outcomes. Global Spine Journal, 2020, 10, 896-907.	1.2	19
144	Readmission in elective spine surgery: Will short stays be beneficial to patients. Journal of Clinical Neuroscience, 2020, 78, 170-174.	0.8	1

#	ARTICLE	IF	CITATIONS
145	Early Peri-operative Outcomes Were Unchanged in Patients Undergoing Spine Surgery During the COVID-19 Pandemic in New York City. <i>HSS Journal</i> , 2020, 16, 77-84.	0.7	8
146	Hospital-acquired conditions occur more frequently in elective spine surgery than for other common elective surgical procedures. <i>Journal of Clinical Neuroscience</i> , 2020, 76, 36-40.	0.8	9
147	Lower Satisfaction After Adult Spinal Deformity Surgery in Japan Than in the United States Despite Similar SRS-22 Pain and Function Scores. <i>Spine</i> , 2020, 45, E1097-E1104.	1.0	4
148	Efficacy of topical versus intravenous tranexamic acid in spinal deformity. <i>European Spine Journal</i> , 2020, 29, 3044-3050.	1.0	8
149	Factors Associated With Short Length of Stay After Long Fusions for Adult Spinal Deformity: Initial Steps Toward Developing an Enhanced Recovery Pathway. <i>Global Spine Journal</i> , 2020, 11, 219256822094144.	1.2	14
150	Dystrophic Lumbar Kyphoscoliosis Associated with Giant Dural Ectasia in a 19-Year-Old Patient with Neurofibromatosis Type 1. Case Report. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 1926-1930.	0.3	0
151	Bariatric Surgery Population at Significantly Increased Risk of Spinal Disorders and Surgical Intervention Compared With Morbidly Obese Patients. <i>Clinical Spine Surgery</i> , 2020, 33, E158-E161.	0.7	2
152	A cost utility analysis of treating different adult spinal deformity frailty states. <i>Journal of Clinical Neuroscience</i> , 2020, 80, 223-228.	0.8	16
153	The spino-pelvic ratio: a novel global sagittal parameter associated with clinical outcomes in adult spinal deformity patients. <i>European Spine Journal</i> , 2020, 29, 2354-2361.	1.0	4
154	Spino-femoral muscles affect sagittal alignment and compensatory recruitment: a new look into soft tissues in adult spinal deformity. <i>European Spine Journal</i> , 2020, 29, 2998-3005.	1.0	10
155	The Effect of Spinopelvic Parameters on the Development of Proximal Junctional Kyphosis in Early Onset: Mean 4.5-Year Follow-up. <i>Journal of Pediatric Orthopaedics</i> , 2020, 40, 261-266.	0.6	11
156	Deformity correction in thoracic adolescent idiopathic scoliosis. <i>Bone and Joint Journal</i> , 2020, 102-B, 376-382.	1.9	16
157	Osteoporosis and Spine Surgery. <i>JBJS Reviews</i> , 2020, 8, e0160-e0160.	0.8	7
158	Mandibular slope: a reproducible and simple measure of horizontal gaze. <i>Spine Deformity</i> , 2020, 8, 893-899.	0.7	3
159	Intraoperative alignment goals for distinctive sagittal morphotypes of severe cervical deformity to achieve optimal improvements in health-related quality of life measures. <i>Spine Journal</i> , 2020, 20, 1267-1275.	0.6	22
160	Artificial Intelligence Models Predict Operative Versus Nonoperative Management of Patients with Adult Spinal Deformity with 86% Accuracy. <i>World Neurosurgery</i> , 2020, 141, e239-e253.	0.7	13
161	The clinical impact of global coronal malalignment is underestimated in adult patients with thoracolumbar scoliosis. <i>Spine Deformity</i> , 2020, 8, 105-113.	0.7	27
162	Towards a new 3D classification for adolescent idiopathic scoliosis. <i>Spine Deformity</i> , 2020, 8, 387-396.	0.7	21

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163	Comparison of biomechanical studies of disc repair devices based on a systematic review. Spine Journal, 2020, 20, 1344-1355.	0.6	5
164	Fatty infiltration of the cervical extensor musculature, cervical sagittal balance, and clinical outcomes: An analysis of operative adult cervical deformity patients. Journal of Clinical Neuroscience, 2020, 72, 134-141.	0.8	11
165	Assessment of Patient Outcomes and Proximal Junctional Failure Rate of Patients with Adult Spinal Deformity Undergoing Caudal Extension of Previous Spinal Fusion. World Neurosurgery, 2020, 139, e449-e454.	0.7	4
166	Probability of severe frailty development among operative and nonoperative adult spinal deformity patients: an actuarial survivorship analysis over a 3-year period. Spine Journal, 2020, 20, 1276-1285.	0.6	8
167	Defining an Algorithm of Treatment for Severe Cervical Deformity Using Surgeon Survey and Treatment Patterns. World Neurosurgery, 2020, 139, e541-e547.	0.7	3
168	Sexual Dysfunction Secondary to Lumbar Stiffness in Adult Spinal Deformity Patients Before and After Long-Segment Spinal Fusion. World Neurosurgery, 2020, 139, e474-e479.	0.7	5
169	Is Sacral Extension a Risk Factor for Early Proximal Junctional Kyphosis in Adult Spinal Deformity Surgery?. Asian Spine Journal, 2020, 14, 212-219.	0.8	16
170	Predicting the combined occurrence of poor clinical and radiographic outcomes following cervical deformity corrective surgery. Journal of Neurosurgery: Spine, 2020, 32, 182-190.	0.9	16
171	Upper-thoracic versus lower-thoracic upper instrumented vertebra in adult spinal deformity patients undergoing fusion to the pelvis: surgical decision-making and patient outcomes. Journal of Neurosurgery: Spine, 2020, 32, 600-606.	0.9	13
172	The morphology of cervical deformities: a two-step cluster analysis to identify cervical deformity patterns. Journal of Neurosurgery: Spine, 2020, 32, 353-359.	0.9	14
173	Establishing the minimum clinically important difference in Neck Disability Index and modified Japanese Orthopaedic Association scores for adult cervical deformity. Journal of Neurosurgery: Spine, 2020, 33, 441-445.	0.9	11
174	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.	0.9	14
175	Radiographic benefit of incorporating the inflection between the cervical and thoracic curves in fusion constructs for surgical cervical deformity patients. Journal of Craniovertebral Junction and Spine, 2020, 11, 131.	0.4	3
176	A Simpler, Modified Frailty Index Weighted by Complication Occurrence Correlates to Pain and Disability for Adult Spinal Deformity Patients. International Journal of Spine Surgery, 2020, 14, 1031-1036.	0.7	13
177	Validation of the recently developed Total Disability Index: a single measure of disability in neck and back pain patients. Journal of Neurosurgery: Spine, 2020, 32, 533-541.	0.9	5
178	Revision Strategies for Harrington Rod Instrumentation: Radiographic Outcomes and Complications. Global Spine Journal, 2020, , 219256822096075.	1.2	5
179	Limited morbidity and possible radiographic benefit of C2 vs. subaxial cervical upper-most instrumented vertebrae. Journal of Spine Surgery, 2019, 5, 236-244.	0.6	4
180	Development of predictive models for all individual questions of SRS-22R after adult spinal deformity surgery: a step toward individualized medicine. European Spine Journal, 2019, 28, 1998-2011.	1.0	37

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181	Adult spinal deformity. <i>Lancet, The</i> , 2019, 394, 160-172.	6.3	247
182	Predicting extended operative time and length of inpatient stay in cervical deformity corrective surgery. <i>Journal of Clinical Neuroscience</i> , 2019, 69, 206-213.	0.8	6
183	Younger Patients Are Differentially Affected by Stiffness-Related Disability Following Adult Spinal Deformity Surgery. <i>World Neurosurgery</i> , 2019, 132, e297-e304.	0.7	4
184	Spinopelvic Compensatory Mechanisms for Reduced Hip Motion (ROM) in the Setting of Hip Osteoarthritis. <i>Spine Deformity</i> , 2019, 7, 923-928.	0.7	37
185	Cervical Deformity Patients Have Baseline Swallowing Dysfunction but Surgery Does Not Increase Dysphagia at 3 Months: Results From a Prospective Cohort Study. <i>Global Spine Journal</i> , 2019, 9, 532-539.	1.2	13
186	Predictors of Hospital-Acquired Conditions Are Predominately Similar for Spine Surgery and Other Common Elective Surgical Procedures, With Some Key Exceptions. <i>Global Spine Journal</i> , 2019, 9, 717-723.	1.2	10
187	Development of a Modified Cervical Deformity Frailty Index. <i>Spine</i> , 2019, 44, 169-176.	1.0	41
188	Comparison of Best Versus Worst Clinical Outcomes for Adult Cervical Deformity Surgery. <i>Global Spine Journal</i> , 2019, 9, 303-314.	1.2	15
189	Which NDI domains best predict change in physical function in patients undergoing cervical spine surgery?. <i>Spine Journal</i> , 2019, 19, 1698-1705.	0.6	15
190	Adolescent Idiopathic Scoliosis Care in an Underserved Inner-City Population: Screening, Bracing, and Patient- and Parent-Reported Outcomes. <i>Spine Deformity</i> , 2019, 7, 559-564.	0.7	8
191	Evolution in Surgical Approach, Complications, and Outcomes in an Adult Spinal Deformity Surgery Multicenter Study Group Patient Population. <i>Spine Deformity</i> , 2019, 7, 481-488.	0.7	32
192	Effect of Obesity on Radiographic Alignment and Short-Term Complications After Surgical Treatment of Adult Cervical Deformity. <i>World Neurosurgery</i> , 2019, 125, e1082-e1088.	0.7	4
193	Urinary N-Telopeptide Can Predict Pseudarthrosis After Anterior Cervical Decompression and Fusion. <i>Spine</i> , 2019, 44, 770-776.	1.0	6
194	Indicators for Nonroutine Discharge Following Cervical Deformity-Corrective Surgery: Radiographic, Surgical, and Patient-Related Factors. <i>Neurosurgery</i> , 2019, 85, E509-E519.	0.6	5
195	What Factors Predict the Risk of Proximal Junctional Failure in the Long Term, Demographic, Surgical, or Radiographic?. <i>Spine</i> , 2019, 44, 777-784.	1.0	23
196	Location of correction within the lumbar spine impacts acute adjacent-segment kyphosis. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 69-77.	0.9	27
197	Recovery kinetics following spinal deformity correction: a comparison of isolated cervical, thoracolumbar, and combined deformity morphometries. <i>Spine Journal</i> , 2019, 19, 1422-1433.	0.6	7
198	Optimal tether configurations and preload tensioning to prevent proximal junctional kyphosis: a finite element analysis. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 574-584.	0.9	29

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199	Alcoholism as a predictor for pseudarthrosis in primary spine fusion: An analysis of risk factors and 30-day outcomes for 52,402 patients from 2005 to 2013. <i>Journal of Orthopaedics</i> , 2019, 16, 36-40.	0.6	11
200	Anterior cervical discectomy and fusion can restore cervical sagittal alignment in degenerative cervical disease. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2019, 29, 767-774.	0.6	15
201	Improving Complex Pediatric and Adult Spine Care While Embracing the Value Equation. <i>Spine Deformity</i> , 2019, 7, 228-235.	0.7	10
202	Reciprocal Changes in Cervical Alignment After Thoracolumbar Arthrodesis for Adult Spinal Deformity. <i>Spine</i> , 2019, 44, E1311-E1316.	1.0	9
203	Minimal Clinically Important Difference and Substantial Clinical Benefit Using PROMIS CAT in Cervical Spine Surgery. <i>Clinical Spine Surgery</i> , 2019, 32, 392-397.	0.7	89
204	Computation of Intersegmental Moments during Standing Posture: Can We Neglect the Horizontal Ground Reaction Force? Results from an Experimental Study. <i>Advances in Orthopedics</i> , 2019, 2019, 1-4.	0.4	0
205	Opioid Consumption Patterns After Lumbar Microdiscectomy or Decompression. <i>Spine</i> , 2019, 44, 1599-1605.	1.0	13
206	Diminishing Clinical Returns of Multilevel Minimally Invasive Lumbar Interbody Fusion. <i>Spine</i> , 2019, 44, E1181-E1187.	1.0	4
207	The Dubouset Functional Test is a Novel Assessment of Physical Function and Balance. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 2307-2315.	0.7	16
208	Radiographic Categorization of the Hip-spine Syndrome in the Setting of Hip Osteoarthritis and Sagittal Spinal Malalignment. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2019, 27, 659-666.	1.1	12
209	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. <i>Spine</i> , 2019, 44, 1539-1549.	1.0	10
210	Artificial Intelligence Based Hierarchical Clustering of Patient Types and Intervention Categories in Adult Spinal Deformity Surgery. <i>Spine</i> , 2019, 44, 915-926.	1.0	75
211	Development of Deployable Predictive Models for Minimal Clinically Important Difference Achievement Across the Commonly Used Health-related Quality of Life Instruments in Adult Spinal Deformity Surgery. <i>Spine</i> , 2019, 44, 1144-1153.	1.0	31
212	Surgery for the Adolescent Idiopathic Scoliosis Patients After Skeletal Maturity: Early Versus Late Surgery. <i>Spine Deformity</i> , 2019, 7, 84-92.	0.7	24
213	Trends in Treatment of Scheuermann Kyphosis: A Study of 1,070 Cases From 2003 to 2012. <i>Spine Deformity</i> , 2019, 7, 100-106.	0.7	14
214	Decreased rates of 30-day perioperative complications following ASD-corrective surgery: A modified Clavien analysis of 3300 patients from 2010 to 2014. <i>Journal of Clinical Neuroscience</i> , 2019, 61, 147-152.	0.8	4
215	Predicting the occurrence of complications following corrective cervical deformity surgery: Analysis of a prospective multicenter database using predictive analytics. <i>Journal of Clinical Neuroscience</i> , 2019, 59, 155-161.	0.8	21
216	Impact of presenting patient characteristics on surgical complications and morbidity in early onset scoliosis. <i>Journal of Clinical Neuroscience</i> , 2019, 62, 105-111.	0.8	2

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217	Alignment Risk Factors for Proximal Junctional Kyphosis and the Effect of Lower Thoracic Junctional Tethers for Adult Spinal Deformity. <i>World Neurosurgery</i> , 2019, 121, e96-e103.	0.7	44
218	Improvement in Back and Leg Pain and Disability Following Adult Spinal Deformity Surgery. <i>Spine</i> , 2019, 44, 263-269.	1.0	14
219	Determinants of Patient Satisfaction 2 Years After Spinal Deformity Surgery. <i>Spine</i> , 2019, 44, E45-E52.	1.0	11
220	Pre-operative planning and rod customization may optimize post-operative alignment and mitigate development of malalignment in multi-segment posterior cervical decompression and fusion patients. <i>Journal of Clinical Neuroscience</i> , 2019, 59, 248-253.	0.8	5
221	Recovery Kinetics: Comparison of Patients Undergoing Primary or Revision Procedures for Adult Cervical Deformity Using a Novel Area Under the Curve Methodology. <i>Neurosurgery</i> , 2019, 85, E40-E51.	0.6	12
222	Incidence of Congenital Spinal Abnormalities Among Pediatric Patients and Their Association With Scoliosis and Systemic Anomalies. <i>Journal of Pediatric Orthopaedics</i> , 2019, 39, e608-e613.	0.6	32
223	A Pilot Study on Posterior Polyethylene Tethers to Prevent Proximal Junctional Kyphosis After Multilevel Spinal Instrumentation for Adult Spinal Deformity. <i>Operative Neurosurgery</i> , 2019, 16, 256-266.	0.4	50
224	Congenital Etiology Is an Independent Risk Factor for Complications in Adolescents Undergoing Corrective Scoliosis Surgery: Comparison of In-hospital Comorbidities Using Nationwide KIDâ€™s Inpatient Database. <i>Journal of Pediatric Orthopaedics</i> , 2019, 39, 406-410.	0.6	4
225	Full-Body Radiographic Analysis of Postoperative Deviations From Age-Adjusted Alignment Goals in Adult Spinal Deformity Correction and Related Compensatory Recruitment. <i>International Journal of Spine Surgery</i> , 2019, 13, 205-214.	0.7	20
226	Cervical mismatch: the normative value of T1 slope minus cervical lordosis and its ability to predict ideal cervical lordosis. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 31-37.	0.9	62
227	Development and validation of risk stratification models for adult spinal deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 587-599.	0.9	41
228	Relationship between body mass index and sagittal vertical axis change as well as health-related quality of life in 564 patients after deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 697-702.	0.9	8
229	Less invasive spinal deformity surgery: the impact of the learning curve at tertiary spine care centers. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 865-872.	0.9	14
230	PROMIS physical health domain scores are related to cervical deformity severity. <i>Journal of Craniovertebral Junction and Spine</i> , 2019, 10, 179.	0.4	10
231	Global spinal deformity from the upper cervical perspective. What is "Abnormal" in the upper cervical spine?. <i>Journal of Craniovertebral Junction and Spine</i> , 2019, 10, 152.	0.4	6
232	Concepts of Risk Stratification in Measurement and Delivery of Quality. , 2019, , 111-129.		1
233	The impact of osteotomy grade and location on regional and global alignment following cervical deformity surgery. <i>Journal of Craniovertebral Junction and Spine</i> , 2019, 10, 160.	0.4	8
234	Examining the Patient-Reported Outcomes Measurement Information System versus the Scoliosis Research Societyâ€™22r in adult spinal deformity. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 801-806.	0.9	5

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235	Suboptimal Age-Adjusted Lumbo-Pelvic Mismatch Predicts Negative Cervical-Thoracic Compensation in Obese Patients. <i>International Journal of Spine Surgery</i> , 2019, 13, 252-261.	0.7	5
236	The Impact of Adult Thoracolumbar Spinal Deformities on Standing to Sitting Regional and Segmental Reciprocal Alignment. <i>International Journal of Spine Surgery</i> , 2019, 13, 308-316.	0.7	5
237	The Relationship Between Improvements in Myelopathy and Sagittal Realignment in Cervical Deformity Surgery Outcomes. <i>Spine</i> , 2018, 43, 1117-1124.	1.0	29
238	Cost-utility analysis of cervical deformity surgeries using 1-year outcome. <i>Spine Journal</i> , 2018, 18, 1552-1557.	0.6	21
239	Full-Body Analysis of Adult Spinal Deformity Patients' Age-Adjusted Alignment at 1 Year. <i>World Neurosurgery</i> , 2018, 114, e775-e784.	0.7	10
240	Inter- and Intra-rater Reliability of the Hart-ISSG Proximal Junctional Failure Severity Scale. <i>Spine</i> , 2018, 43, E461-E467.	1.0	10
241	Dural Tears in Adult Deformity Surgery: Incidence, Risk Factors, and Outcomes. <i>Global Spine Journal</i> , 2018, 8, 25-31.	1.2	17
242	The use of patient-reported preoperative activity levels as a stratification tool for short-term and long-term outcomes in patients with adult spinal deformity. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 68-74.	0.9	7
243	Predictors of adverse discharge disposition in adult spinal deformity and associated costs. <i>Spine Journal</i> , 2018, 18, 1845-1852.	0.6	48
244	Radiological severity of hip osteoarthritis in patients with adult spinal deformity: the effect on spinopelvic and lower extremity compensatory mechanisms. <i>European Spine Journal</i> , 2018, 27, 2294-2302.	1.0	27
245	Cervical Alignment Changes in Patients Developing Proximal Junctional Kyphosis Following Surgical Correction of Adult Spinal Deformity. <i>Neurosurgery</i> , 2018, 83, 675-682.	0.6	12
246	Self-learning computers for surgical planning and prediction of postoperative alignment. <i>European Spine Journal</i> , 2018, 27, 123-128.	1.0	21
247	Predictors of Hospital Length of Stay and 30-Day Readmission in Cervical Spondylotic Myelopathy Patients: An Analysis of 3057 Patients Using the ACS-NSQIP Database. <i>World Neurosurgery</i> , 2018, 110, e450-e458.	0.7	34
248	Drivers of Cervical Deformity Have a Strong Influence on Achieving Optimal Radiographic and Clinical Outcomes at 1 Year After Cervical Deformity Surgery. <i>World Neurosurgery</i> , 2018, 112, e61-e68.	0.7	23
249	Minimum Detectable Measurement Difference for Health-Related Quality of Life Measures Varies With Age and Disability in Adult Spinal Deformity. <i>Spine</i> , 2018, 43, E790-E795.	1.0	14
250	Traumatic Fractures of the Cervical Spine: Analysis of Changes in Incidence, Cause, Concurrent Injuries, and Complications Among 488,262 Patients from 2005 to 2013. <i>World Neurosurgery</i> , 2018, 110, e427-e437.	0.7	60
251	Assessment of a Novel Adult Cervical Deformity Frailty Index as a Component of Preoperative Risk Stratification. <i>World Neurosurgery</i> , 2018, 109, e800-e806.	0.7	51
252	Xipho-pubic angle (XPA) correlates with patients' reported outcomes in a population of adult spinal deformity: results from a multi-center cohort study. <i>European Spine Journal</i> , 2018, 27, 670-677.	1.0	5

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253	Cervical Facet Orientation Varies with Age in Children. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, e57.	1.4	8
254	Radiographic Fusion Grade Does Not Impact Health-Related Quality of Life in the Absence of Instrumentation Failure for Patients Undergoing Posterior Instrumented Fusion for Adult Spinal Deformity. <i>World Neurosurgery</i> , 2018, 117, e1-e7.	0.7	9
255	Complication Rates and Maintenance of Correction After 3-Column Osteotomy in the Elderly: Report of 55 Patients With 2-Year Follow-up. <i>Neurosurgery</i> , 2018, 83, 973-980.	0.6	2
256	Predictive model for distal junctional kyphosis after cervical deformity surgery. <i>Spine Journal</i> , 2018, 18, 2187-2194.	0.6	59
257	External validation of the adult spinal deformity (ASD) frailty index (ASD-FI). <i>European Spine Journal</i> , 2018, 27, 2331-2338.	1.0	47
258	The Effect of Aging on Cervical Parameters in a Normative North American Population. <i>Global Spine Journal</i> , 2018, 8, 709-715.	1.2	36
259	Comparing psychological burden of orthopaedic diseases against medical conditions: Investigation on hospital course of hip, knee, and spine surgery patients. <i>Journal of Orthopaedics</i> , 2018, 15, 297-301.	0.6	15
260	Association of Patient-Reported Narcotic Use With Short- and Long-Term Outcomes After Adult Spinal Deformity Surgery. <i>Spine</i> , 2018, 43, 1340-1346.	1.0	13
261	Operative Management of Adult Spinal Deformity Results in Significant Increases in QALYs Gained Compared to Nonoperative Management. <i>Spine</i> , 2018, 43, 339-347.	1.0	43
262	Design and Testing of 2 Novel Scores That Predict Global Sagittal Alignment Utilizing Cervical or Lumbar Plain Radiographs. <i>Neurosurgery</i> , 2018, 82, 163-171.	0.6	5
263	Characterizing Adult Cervical Deformity and Disability Based on Existing Cervical and Adult Deformity Classification Schemes at Presentation and Following Correction. <i>Neurosurgery</i> , 2018, 82, 192-201.	0.6	17
264	Three types of sagittal alignment regarding compensation in asymptomatic adults: the contribution of the spine and lower limbs. <i>European Spine Journal</i> , 2018, 27, 397-405.	1.0	24
265	The Adult Deformity Surgery Complexity Index (ADSCI): a valid tool to quantify the complexity of posterior adult spinal deformity surgery and predict postoperative complications. <i>Spine Journal</i> , 2018, 18, 216-225.	0.6	30
266	Patient profiling can identify patients with adult spinal deformity (ASD) at risk for conversion from nonoperative to surgical treatment: initial steps to reduce ineffective ASD management. <i>Spine Journal</i> , 2018, 18, 234-244.	0.6	20
267	After 9 Years of 3-Column Osteotomies, Are We Doing Better? Performance Curve Analysis of 573 Surgeries With 2-Year Follow-up. <i>Neurosurgery</i> , 2018, 83, 69-75.	0.6	16
268	The Lumbar Pelvic Angle, the Lumbar Component of the T1 Pelvic Angle, Correlates With HRQOL, PI-LL Mismatch, and it Predicts Global Alignment. <i>Spine</i> , 2018, 43, 681-687.	1.0	38
269	Lumbosacral stress and age may contribute to increased pelvic incidence: an analysis of 1625 adults. <i>European Spine Journal</i> , 2018, 27, 482-488.	1.0	26
270	Under Correction of Sagittal Deformities Based on Age-adjusted Alignment Thresholds Leads to Worse Health-related Quality of Life Whereas Over Correction Provides No Additional Benefit. <i>Spine</i> , 2018, 43, 388-393.	1.0	50

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271	A cost-effectiveness comparisons of adult spinal deformity surgery in the United States and Japan. <i>European Spine Journal</i> , 2018, 27, 678-684.	1.0	24
272	Body mass index predicts risk of complications in lumbar spine surgery based on surgical invasiveness. <i>Spine Journal</i> , 2018, 18, 1204-1210.	0.6	52
273	Prospective multi-centric evaluation of upper cervical and infra-cervical sagittal compensatory alignment in patients with adult cervical deformity. <i>European Spine Journal</i> , 2018, 27, 416-425.	1.0	19
274	Analysis of Successful Versus Failed Radiographic Outcomes After Cervical Deformity Surgery. <i>Spine</i> , 2018, 43, E773-E781.	1.0	31
275	Declining usage of rhBMP-2 in lumbar fusions for adult spinal deformity since 2008. <i>Journal of Clinical Neuroscience</i> , 2018, 47, 62-65.	0.8	1
276	Primary Drivers of Adult Cervical Deformity: Prevalence, Variations in Presentation, and Effect of Surgical Treatment Strategies on Early Postoperative Alignment. <i>Neurosurgery</i> , 2018, 83, 651-659.	0.6	21
277	Saturday, September 29, 2018 9:00 am–10:00 am Impact of Adult Deformity Correction. <i>Spine Journal</i> , 2018, 18, S129-S130.	0.6	3
278	Patient Profiling Can Identify Spondylolisthesis Patients at Risk for Conversion from Nonoperative to Operative Treatment. <i>JBJS Open Access</i> , 2018, 3, e0051.	0.8	1
279	Baseline mental status predicts happy patients after operative or non-operative treatment of adult spinal deformity. <i>Journal of Spine Surgery</i> , 2018, 4, 687-695.	0.6	9
280	The Amount of Proximal Lumbar Lordosis Is Related to Pelvic Incidence. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 1603-1611.	0.7	77
281	Ethnic Variations in Radiographic Parameters and SRS-22 Scores in Adult Spinal Deformity. <i>Clinical Spine Surgery</i> , 2018, 31, 216-221.	0.7	6
282	Fatty Infiltration of Cervical Spine Extensor Musculature. <i>Clinical Spine Surgery</i> , 2018, 31, 428-434.	0.7	21
283	Cervical Versus Thoracolumbar Spinal Deformities. <i>Clinical Spine Surgery</i> , 2018, 31, 413-419.	0.7	5
284	Friday, September 28, 2018 4:05 PM–5:05 PM abstracts: cervical myelopathy and deformity. <i>Spine Journal</i> , 2018, 18, S126-S127.	0.6	1
285	Prior bariatric surgery lowers complication rates following spine surgery in obese patients. <i>Acta Neurochirurgica</i> , 2018, 160, 2459-2465.	0.9	21
286	Adjacent Segment Disease and Proximal Junctional Kyphosis—Part 1: Etiology and Classification. <i>Contemporary Neurosurgery</i> , 2018, 40, 1-7.	0.2	0
287	Adjacent Segment Disease after Lumbar Spine Surgery—Part 2: Prevention and Treatment. <i>Contemporary Neurosurgery</i> , 2018, 40, 1-7.	0.2	0
288	Normal values for sagittal spinal alignment: a study of Brazilian subjects. <i>Clinics</i> , 2018, 73, e647.	0.6	17

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289	Clinical Impact and Economic Burden of Hospital-Acquired Conditions Following Common Surgical Procedures. <i>Spine</i> , 2018, 43, E1358-E1363.	1.0	27
290	The Influence of Body Mass Index on Achieving Age-Adjusted Alignment Goals in Adult Spinal Deformity Corrective Surgery with Full-Body Analysis at 1 Year. <i>World Neurosurgery</i> , 2018, 120, e533-e545.	0.7	16
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422	Comparative Analysis of Intra-Operative Complications between a Multicenter Prospective Cervical Deformity Database versus a Nationwide Sample. <i>Spine Journal</i> , 2016, 16, S352-S353.	0.6	1
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426	The Health Impact of Symptomatic Adult Cervical Deformity: Comparison to United States Population Norms and Chronic Disease States Based on the EQ5D. <i>Spine Journal</i> , 2016, 16, S351.	0.6	1
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436	Medical Complications After Adult Spinal Deformity Surgery. <i>Spine</i> , 2016, 41, 1718-1723.	1.0	192
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525	The T1 Pelvic Angle, a Novel Radiographic Measure of Global Sagittal Deformity, Accounts for Both Spinal Inclination and Pelvic Tilt and Correlates with Health-Related Quality of Life. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 1631-1640.	1.4	321
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539	Preoperative Planning for Pedicle Subtraction Osteotomy: Does Pelvic Tilt Matter?. <i>Spine Deformity</i> , 2014, 2, 358-366.	0.7	13
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573	Cervical Radiographical Alignment. <i>Spine</i> , 2013, 38, S149-S160.	1.0	414
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575	Radiographical Spinopelvic Parameters and Disability in the Setting of Adult Spinal Deformity. <i>Spine</i> , 2013, 38, E803-E812.	1.0	802
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578	The Comprehensive Anatomical Spinal Osteotomy Classification. <i>Neurosurgery</i> , 2013, , 1.	0.6	7
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