

# Lawrence G Lenke

## List of Publications by Year in descending order

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Version: 2024-02-01

258  
papers

15,196  
citations

20759

60  
h-index

19690

117  
g-index

258  
all docs

258  
docs citations

258  
times ranked

5468  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adolescent Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2001, 83, 1169-1181.	1.4	1,399
2	Risk Factors for Surgical Site Infection Following Orthopaedic Spinal Operations. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 62-69.	1.4	630
3	Proximal Junctional Kyphosis in Adult Spinal Deformity Following Long Instrumented Posterior Spinal Fusion. <i>Spine</i> , 2005, 30, 1643-1649.	1.0	516
4	Adult Spinal Deformity Surgery. <i>Spine</i> , 2007, 32, 2238-2244.	1.0	423
5	Minimum 5-Year Analysis of L5-S1 Fusion Using Sacropelvic Fixation (Bilateral S1 and Iliac Screws) for Spinal Deformity. <i>Spine</i> , 2006, 31, 303-308.	1.0	344
6	Proximal Junctional Kyphosis in Adult Spinal Deformity After Segmental Posterior Spinal Instrumentation and Fusion. <i>Spine</i> , 2008, 33, 2179-2184.	1.0	343
7	Does Treatment (Nonoperative and Operative) Improve the Two-Year Quality of Life in Patients With Adult Symptomatic Lumbar Scoliosis. <i>Spine</i> , 2009, 34, 2171-2178.	1.0	341
8	The Comprehensive Anatomical Spinal Osteotomy Classification. <i>Neurosurgery</i> , 2014, 74, 112-120.	0.6	323
9	PEDICLE SUBTRACTION OSTEOTOMY FOR THE TREATMENT OF FIXED SAGITTAL IMBALANCE. <i>Journal of Bone and Joint Surgery - Series A</i> , 2003, 85, 454-463.	1.4	322
10	The Lenke Classification of Adolescent Idiopathic Scoliosis: How it Organizes Curve Patterns as a Template to Perform Selective Fusions of the Spine. <i>Spine</i> , 2003, 28, S199-S207.	1.0	318
11	Complications and Outcomes of Pedicle Subtraction Osteotomies for Fixed Sagittal Imbalance. <i>Spine</i> , 2003, 28, 2093-2101.	1.0	308
12	Results of Lumbar Pedicle Subtraction Osteotomies for Fixed Sagittal Imbalance. <i>Spine</i> , 2007, 32, 2189-2197.	1.0	280
13	Comparison of Smith-Petersen Versus Pedicle Subtraction Osteotomy for the Correction of Fixed Sagittal Imbalance. <i>Spine</i> , 2005, 30, 2030-2037.	1.0	276
14	Posterior Vertebral Column Resection for Severe Pediatric Deformity. <i>Spine</i> , 2009, 34, 2213-2221.	1.0	265
15	Vertebral Column Resection for the Treatment of Severe Spinal Deformity. <i>Clinical Orthopaedics and Related Research</i> , 2010, 468, 687-699.	0.7	251
16	Neurologic Complications of Lumbar Pedicle Subtraction Osteotomy. <i>Spine</i> , 2007, 32, 2245-2252.	1.0	240
17	Major Complications and Comparison Between 3-Column Osteotomy Techniques in 105 Consecutive Spinal Deformity Procedures. <i>Spine</i> , 2012, 37, 1198-1210.	1.0	231
18	Inflammatory biomarkers of low back pain and disc degeneration: a review. <i>Annals of the New York Academy of Sciences</i> , 2017, 1410, 68-84.	1.8	224

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19	Patients With Proximal Junctional Kyphosis Requiring Revision Surgery Have Higher Postoperative Lumbar Lordosis and Larger Sagittal Balance Corrections. <i>Spine</i> , 2014, 39, E576-E580.	1.0	205
20	Complications After 147 Consecutive Vertebral Column Resections for Severe Pediatric Spinal Deformity. <i>Spine</i> , 2013, 38, 119-132.	1.0	195
21	Building Consensus. <i>Journal of Pediatric Orthopaedics</i> , 2013, 33, 471-478.	0.6	192
22	Selective Posterior Thoracic Fusions for Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2006, 31, 2400-2404.	1.0	177
23	Intraobserver and Interobserver Reliability of the Classification of Thoracic Adolescent Idiopathic Scoliosis*â€. <i>Journal of Bone and Joint Surgery - Series A</i> , 1998, 80, 1097-1106.	1.4	174
24	Operative Treatment of Adolescent Idiopathic Scoliosis With Posterior Pedicle Screw-Only Constructs. <i>Spine</i> , 2008, 33, 1598-1604.	1.0	173
25	Pseudarthrosis in Primary Fusions for Adult Idiopathic Scoliosis: Incidence, Risk Factors, and Outcome Analysis. <i>Spine</i> , 2005, 30, 468-474.	1.0	172
26	Revision Rates Following Primary Adult Spinal Deformity Surgery. <i>Spine</i> , 2010, 35, 219-226.	1.0	171
27	Perioperative Halo-Gravity Traction in the Treatment of Severe Scoliosis and Kyphosis. <i>Spine</i> , 2005, 30, 475-482.	1.0	169
28	Proximal Junctional Kyphosis as a Distinct Form of Adjacent Segment Pathology After Spinal Deformity Surgery. <i>Spine</i> , 2012, 37, S144-S164.	1.0	169
29	Multisurgeon Assessment of Surgical Decision-Making in Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2001, 26, 2347-2353.	1.0	167
30	Curve Prevalence of a New Classification of Operative Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2002, 27, 604-611.	1.0	165
31	Changes in Radiographic and Clinical Outcomes With Primary Treatment Adult Spinal Deformity Surgeries From Two Years to Three- to Five-Years Follow-up. <i>Spine</i> , 2010, 35, 1849-1854.	1.0	161
32	Pedicle Subtraction Osteotomy for the Treatment of Fixed Sagittal Imbalance. <i>Journal of Bone and Joint Surgery - Series A</i> , 2004, 86, 44-50.	1.4	149
33	Growth Modulation by Means of Anterior Tethering Resulting in Progressive Correction of Juvenile Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010, 92, 202-209.	1.4	148
34	Long-Term Complications in Adult Spinal Deformity Patients Having Combined Surgery. <i>Spine</i> , 2001, 26, 973-983.	1.0	137
35	Best Practices in Intraoperative Neuromonitoring in Spine Deformity Surgery: Development of an Intraoperative Checklist to Optimize Response. <i>Spine Deformity</i> , 2014, 2, 333-339.	0.7	135
36	Prevention and Management of Iatrogenic Flatback Deformity. <i>Journal of Bone and Joint Surgery - Series A</i> , 2004, 86, 1793-1808.	1.4	131

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37	Operative Management of Scheuermann's Kyphosis in 78 Patients. <i>Spine</i> , 2007, 32, 2644-2652.	1.0	128
38	Do Radiographic Parameters Correlate With Clinical Outcomes in Adolescent Idiopathic Scoliosis?. <i>Spine</i> , 2000, 25, 1795-1802.	1.0	126
39	Comparison of Scheuermann Kyphosis Correction by Posterior-Only Thoracic Pedicle Screw Fixation Versus Combined Anterior/Posterior Fusion. <i>Spine</i> , 2006, 31, 2316-2321.	1.0	121
40	Does a Long-Fusion T3-Sacrum Portend a Worse Outcome Than a Short-Fusion T10-Sacrum in Primary Surgery for Adult Scoliosis?. <i>Spine</i> , 2012, 37, 884-890.	1.0	116
41	Triggered Electromyographic Threshold for Accuracy of Pedicle Screw Placement. <i>Spine</i> , 1995, 20, 1585-1591.	1.0	114
42	Complications and Results of Long Adult Deformity Fusions Down to L4, L5, and the Sacrum. <i>Spine</i> , 2001, 26, E182-E191.	1.0	112
43	Operative Versus Nonoperative Treatment for Adult Symptomatic Lumbar Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 338-352.	1.4	110
44	Correlation Between Low Triggered Electromyographic Thresholds and Lumbar Pedicle Screw Malposition. <i>Spine</i> , 2007, 32, 2673-2678.	1.0	104
45	Selection of the Optimal Distal Fusion Level in Posterior Instrumentation and Fusion for Thoracic Hyperkyphosis. <i>Spine</i> , 2009, 34, 765-770.	1.0	98
46	Non-Neurologic Complications Following Surgery for Adolescent Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007, 89, 2427-2432.	1.4	97
47	Does Correction of Preoperative Coronal Imbalance Make a Difference in Outcomes of Adult Patients With Deformity?. <i>Spine</i> , 2013, 38, 476-483.	1.0	86
48	Recent and Emerging Advances in Spinal Deformity. <i>Neurosurgery</i> , 2017, 80, S70-S85.	0.6	85
49	The Lenke Classification System of Operative Adolescent Idiopathic Scoliosis. <i>Neurosurgery Clinics of North America</i> , 2007, 18, 199-206.	0.8	84
50	Neurologic Outcomes of Complex Adult Spinal Deformity Surgery. <i>Spine</i> , 2016, 41, 204-212.	1.0	84
51	Distal Junctional Kyphosis of Adolescent Idiopathic Thoracic Curves Following Anterior or Posterior Instrumented Fusion: Incidence, Risk Factors, and Prevention. <i>Spine</i> , 2006, 31, 299-302.	1.0	83
52	Evaluation of complications and neurological deficits with three-column spine reconstructions for complex spinal deformity: a retrospective Scolio-RISK-1 study. <i>Neurosurgical Focus</i> , 2014, 36, E17.	1.0	81
53	Loss of Spinal Cord Monitoring Signals in Children During Thoracic Kyphosis Correction With Spinal Osteotomy. <i>Spine</i> , 2008, 33, 1093-1099.	1.0	75
54	Efficacy of perioperative halo-gravity traction for treatment of severe scoliosis (>100°). <i>Journal of Orthopaedic Science</i> , 2010, 15, 720-730.	0.5	69

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55	Preliminary investigation of high-dose tranexamic acid for controlling intraoperative blood loss in patients undergoing spine correction surgery. <i>Spine Journal</i> , 2015, 15, 647-654.	0.6	66
56	Rod fracture in adult spinal deformity surgery fused to the sacrum: prevalence, risk factors, and impact on health-related quality of life in 526 patients. <i>Spine Journal</i> , 2018, 18, 1612-1624.	0.6	66
57	Prospective Pulmonary Function Comparison of Open Versus Endoscopic Anterior Fusion Combined With Posterior Fusion in Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2004, 29, 2055-2060.	1.0	63
58	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
59	Can We Safely Reduce Blood Loss During Lumbar Pedicle Subtraction Osteotomy Procedures Using Tranexamic Acid or Aprotinin?. <i>Spine</i> , 2010, 35, 235-239.	1.0	61
60	Use and Outcomes of Wound Drain in Spinal Fusion for Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2012, 37, 966-973.	1.0	61
61	The Free-Hand Technique for S2-Alar-Iliac Screw Placement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 334-342.	1.4	61
62	RESULTS OF PREOPERATIVE PULMONARY FUNCTION TESTING OF ADOLESCENTS WITH IDIOPATHIC SCOLIOSIS. <i>Journal of Bone and Joint Surgery - Series A</i> , 2005, 87, 1937-1946.	1.4	61
63	Short-term Complications Associated With Surgery for High-Grade Spondylolisthesis in Adults and Pediatric Patients. <i>Neurosurgery</i> , 2012, 71, 109-116.	0.6	60
64	Comparison of Thoracic Pedicle Screw to Hook Instrumentation for the Treatment of Adult Spinal Deformity. <i>Spine</i> , 2007, 32, 555-561.	1.0	58
65	Neuromonitoring in Spinal Deformity Surgery: A Multimodality Approach. <i>Global Spine Journal</i> , 2018, 8, 68-77.	1.2	57
66	Accuracy of S2 Alar-Iliac Screw Placement Under Robotic Guidance. <i>Spine Deformity</i> , 2018, 6, 130-136.	0.7	57
67	Anterior Endoscopic Discectomy and Fusion for Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2003, 28, S36-S43.	1.0	54
68	Preoperative Halo-Gravity Traction for Severe Pediatric Spinal Deformity: Complications, Radiographic Correction and Changes in Pulmonary Function. <i>Spine Deformity</i> , 2013, 1, 33-39.	0.7	54
69	The Morbidity of an Anterior Thoracolumbar Approach. <i>Spine</i> , 2009, 34, 822-826.	1.0	53
70	Increasing Lumbar Lordosis of Adult Spinal Deformity Patients via Intraoperative Prone Positioning. <i>Spine</i> , 2009, 34, 2406-2412.	1.0	52
71	Management of Juvenile Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007, 89, 55-63.	1.4	50
72	Ability of Cotrel-Dubousset Instrumentation to Preserve Distal Lumbar Motion Segments in Adolescent Idiopathic Scoliosis. <i>Journal of Spinal Disorders</i> , 1993, 6, 339-350.	1.1	49

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73	Health-related quality of life outcomes in complex adult spinal deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2018, 28, 194-200.	0.9	47
74	Staged Posterior Surgery for Severe Adult Spinal Deformity. <i>Spine</i> , 2003, 28, 2116-2121.	1.0	45
75	Analysis of Patients With Nonambulatory Neuromuscular Scoliosis Surgically Treated to the Pelvis With Intraoperative Halo-Femoral Traction. <i>Spine</i> , 2006, 31, 2381-2385.	1.0	45
76	The Deformity Angular Ratio. <i>Spine</i> , 2015, 40, E879-E885.	1.0	43
77	Recent trends in medicare utilization and reimbursement for lumbar spine fusion and discectomy procedures. <i>Spine Journal</i> , 2020, 20, 1586-1594.	0.6	43
78	Spinal Deformity Associated with Chiari Malformation. <i>Neurosurgery Clinics of North America</i> , 2015, 26, 579-585.	0.8	42
79	Evaluation of Ventilatory Efficiency During Exercise in Patients With Idiopathic Scoliosis Undergoing Spinal Fusion. <i>Spine</i> , 2002, 27, 2041-2045.	1.0	41
80	Safety of a High-Dose Tranexamic Acid Protocol in Complex Adult Spinal Deformity: Analysis of 100 Consecutive Cases. <i>Spine Deformity</i> , 2018, 6, 189-194.	0.7	39
81	Lenke classification system of adolescent idiopathic scoliosis: treatment recommendations. <i>Instructional Course Lectures</i> , 2005, 54, 537-42.	0.2	39
82	Vertebral Column Resection for Rigid Spinal Deformity. <i>Global Spine Journal</i> , 2017, 7, 280-290.	1.2	38
83	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
84	Are Higher Global Alignment and Proportion Scores Associated With Increased Risks of Mechanical Complications After Adult Spinal Deformity Surgery? An External Validation. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 312-320.	0.7	36
85	Return to sports after surgery to correct adolescent idiopathic scoliosis: a survey of the Spinal Deformity Study Group. <i>Spine Journal</i> , 2015, 15, 951-958.	0.6	35
86	Risks and outcomes of spinal deformity surgery in Chiari malformation, Type 1, with syringomyelia versus adolescent idiopathic scoliosis. <i>Spine Journal</i> , 2015, 15, 2002-2008.	0.6	34
87	Postoperative Surgical Site Infection After Spine Surgery: An Update From the Scoliosis Research Society (SRS) Morbidity and Mortality Database*. <i>Spine Deformity</i> , 2018, 6, 634-643.	0.7	34
88	Incidence and risk factors of postoperative neurologic decline after complex adult spinal deformity surgery: results of the Scoli-RISK-1 study. <i>Spine Journal</i> , 2018, 18, 1733-1740.	0.6	32
89	Trends in Spine Surgery Training During Neurological and Orthopaedic Surgery Residency. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, e122.	1.4	31
90	The cranial sagittal vertical axis (CrSVA) is a better radiographic measure to predict clinical outcomes in adult spinal deformity surgery than the C7 SVA: a monocentric study. <i>European Spine Journal</i> , 2017, 26, 2167-2175.	1.0	30

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91	Clinical and Radiographic Outcomes After Posterior Vertebral Column Resection for Severe Spinal Deformity with Five-Year Follow-up. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 396-405.	1.4	30
92	The "Kickstand Rod" technique for correction of coronal imbalance in patients with adult spinal deformity: theory and technical considerations. <i>Journal of Spine Surgery</i> , 2018, 4, 798-802.	0.6	29
93	Neuroanesthesia Guidelines for Optimizing Transcranial Motor Evoked Potential Neuromonitoring During Deformity and Complex Spinal Surgery. <i>Spine</i> , 2020, 45, 911-920.	1.0	29
94	Posterior Vertebral Column Resection for the Treatment of Dystrophic Kyphosis Associated With Type-1 Neurofibromatosis. <i>Spine</i> , 2012, 37, E1659-E1664.	1.0	27
95	Optimal Lowest Instrumented Vertebra for Thoracic Adolescent Idiopathic Scoliosis. <i>Spine Deformity</i> , 2018, 6, 250-256.	0.7	27
96	Topical tranexamic acid in spinal surgery: A systematic review and meta-analysis. <i>Journal of Clinical Neuroscience</i> , 2019, 61, 114-119.	0.8	27
97	Predictors of Health-Related Quality-of-Life After Complex Adult Spinal Deformity Surgery: A Scolio-RISK-1 Secondary Analysis. <i>Spine Deformity</i> , 2017, 5, 139-144.	0.7	26
98	Sacropelvic Fixation. <i>Neurosurgery Clinics of North America</i> , 2018, 29, 389-397.	0.8	26
99	Predictors of Distal Adding-on in Thoracic Major Curves With AR Lumbar Modifiers. <i>Spine</i> , 2017, 42, E211-E218.	1.0	25
100	Utilization of vertebroplasty and kyphoplasty procedures throughout the United States over a recent decade: an analysis of the Nationwide Inpatient Sample. <i>Journal of Spine Surgery</i> , 2017, 3, 364-370.	0.6	25
101	Comparison of the Lowest Instrumented, Stable, and Lower End Vertebrae in "Single Overhang" Thoracic Adolescent Idiopathic Scoliosis: Anterior Versus Posterior Spinal Fusion. <i>Spine</i> , 2006, 31, 2232-2236.	1.0	24
102	Retrospective analysis underestimates neurological deficits in complex spinal deformity surgery: a Scolio-RISK-1 Study. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 68-73.	0.9	24
103	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
104	Utilization of intraoperative neuromonitoring throughout the United States over a recent decade: an analysis of the nationwide inpatient sample. <i>Journal of Spine Surgery</i> , 2018, 4, 211-219.	0.6	24
105	Does the Global Alignment and Proportion score overestimate mechanical complications after adult spinal deformity correction?. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 96-102.	0.9	24
106	Evaluation and surgical treatment of high-grade isthmic dysplastic spondylolisthesis. <i>Instructional Course Lectures</i> , 2003, 52, 525-32.	0.2	24
107	Type-III Dens Fracture with Distraction: An Unstable Injury: A Report of Three Cases. <i>Journal of Bone and Joint Surgery - Series A</i> , 2004, 86, 2514-2518.	1.4	23
108	Distal Fusion Level Selection in Scheuermann's Kyphosis: A Comparison of Lordotic Disc Segment Versus the Sagittal Stable Vertebrae. <i>Global Spine Journal</i> , 2017, 7, 254-259.	1.2	22

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109	Selecting the "Touched Vertebra" as the Lowest Instrumented Vertebra in Patients with Lenke Type-1 and 2 Curves. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1966-1973.	1.4	22
110	Do Intraoperative Radiographs in Scoliosis Surgery Reflect Radiographic Result?. <i>Clinical Orthopaedics and Related Research</i> , 2010, 468, 679-686.	0.7	21
111	Preoperative halo-gravity traction for treatment of severe adult kyphosis and scoliosis. <i>Spine Deformity</i> , 2020, 8, 85-95.	0.7	21
112	Real-time navigation guidance with intraoperative CT imaging for pedicle screw placement using an augmented reality head-mounted display: a proof-of-concept study. <i>Neurosurgical Focus</i> , 2021, 51, E11.	1.0	21
113	Cervical Lordosis Actually Increases With Aging and Progressive Degeneration in Spinal Deformity Patients. <i>Spine Deformity</i> , 2014, 2, 410-414.	0.7	20
114	An Analysis of the Incidence and Outcomes of Major Versus Minor Neurological Decline After Complex Adult Spinal Deformity Surgery. <i>Spine</i> , 2018, 43, 905-912.	1.0	20
115	An international consensus on the appropriate evaluation and treatment for adults with spinal deformity. <i>European Spine Journal</i> , 2018, 27, 585-596.	1.0	20
116	Does preoperative narcotic use adversely affect outcomes and complications after spinal deformity surgery? A comparison of nonnarcotic- with narcotic-using groups. <i>Spine Journal</i> , 2014, 14, 2819-2825.	0.6	19
117	Comparison of Anteroposterior to Posterior-Only Correction of Scheuermann's Kyphosis: A Matched-Pair Radiographic Analysis of 92 Patients. <i>Spine Deformity</i> , 2015, 3, 192-198.	0.7	19
118	Mesh Cages in Idiopathic Scoliosis in Adolescents. <i>Clinical Orthopaedics and Related Research</i> , 2002, 394, 98-108.	0.7	18
119	Cervical Spine Compensation in Adolescent Idiopathic Scoliosis. <i>Spine Deformity</i> , 2015, 3, 327-331.	0.7	18
120	Does Planned Staging for Posterior-Only Vertebral Column Resections in Spinal Deformity Surgery Increase Perioperative Complications?. <i>Spine Deformity</i> , 2016, 4, 131-137.	0.7	18
121	Robotic versus freehand S2 alar iliac fixation: in-depth technical considerations. <i>Journal of Spine Surgery</i> , 2018, 4, 638-644.	0.6	18
122	A novel MRI-based classification of spinal cord shape and CSF presence at the curve apex to assess risk of intraoperative neuromonitoring data loss with thoracic spinal deformity correction. <i>Spine Deformity</i> , 2020, 8, 655-661.	0.7	18
123	Marked Increase in Spinal Deformity Surgery Throughout the United States. <i>Spine</i> , 2021, 46, 1402-1408.	1.0	18
124	Incidence and Risk Factors for Complications and Mortality After Vertebroplasty or Kyphoplasty in the Osteoporotic Vertebral Compression Fracture" Analysis of 1,932 Cases From the American College of Surgeons National Surgical Quality Improvement. <i>Global Spine Journal</i> , 2022, 12, 1125-1134.	1.2	18
125	The 3 Sagittal Morphotypes That Define the Normal Cervical Spine. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, e109.	1.4	17
126	Lower Extremity Motor Function Following Complex Adult Spinal Deformity Surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 656-665.	1.4	16



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127	High prevalence of greater trochanteric pain syndrome among patients presenting to spine clinic for evaluation of degenerative lumbar pathologies. <i>Journal of Clinical Neuroscience</i> , 2018, 53, 89-91.	0.8	16
128	The posterior superior iliac spine and sacral laminar slope: key anatomical landmarks for freehand S2-alar-iliac screw placement. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 429-434.	0.9	16
129	Non-neurologic adverse events after complex adult spinal deformity surgery: results from the prospective, multicenter Scolio-RISK-1 study. <i>European Spine Journal</i> , 2019, 28, 170-179.	1.0	16
130	Recent Trends in Medicare Utilization and Reimbursement for Orthopaedic Procedures Performed at Ambulatory Surgery Centers. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1383-1391.	1.4	16
131	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
132	Outcomes Following Posterior Fusion for Adolescent Idiopathic Scoliosis With and Without Autogenous Iliac Crest Bone Graft Harvesting. <i>Spine Deformity</i> , 2013, 1, 144-147.	0.7	15
133	Risk Factors for Coronal Decompensation After Posterior Spinal Instrumentation and Fusion in Adolescent Idiopathic Scoliosis. <i>Spine Deformity</i> , 2014, 2, 380-385.	0.7	15
134	Assessment of Lowest Instrumented Vertebra Tilt on Radiographic Measurements in Lenke 5C-Modifier Curves Undergoing Selective Thoracic Fusion in Adolescent Idiopathic Scoliosis. <i>Spine Deformity</i> , 2016, 4, 125-130.	0.7	15
135	Cervical and Cervicothoracic Sagittal Alignment According to Roussouly Thoracolumbar Subtypes. <i>Spine</i> , 2019, 44, E634-E639.	1.0	15
136	Reciprocal change of sagittal profile in unfused spinal segments and lower extremities after complex adult spinal deformity surgery including spinopelvic fixation: a full-body X-ray analysis. <i>Spine Journal</i> , 2020, 20, 380-390.	0.6	15
137	Development of consensus-based best practice guidelines for response to intraoperative neuromonitoring events in high-risk spinal deformity surgery. <i>Spine Deformity</i> , 2022, 10, 745-761.	0.7	15
138	Anterior Dual Rod Versus Posterior Pedicle Fixation Surgery for the Surgical Treatment in Lenke 5C Adolescent Idiopathic Scoliosis: A Multicenter, Matched Case Analysis of 42 Patients. <i>Spine Deformity</i> , 2013, 1, 217-222.	0.7	14
139	Evolution and Advancement of Adult Spinal Deformity Research and Clinical Care: An Overview of the Scolio-RISK-1 Study. <i>Global Spine Journal</i> , 2019, 9, 8S-14S.	1.2	14
140	State of the art: proximal junctional kyphosis—diagnosis, management and prevention. <i>Spine Deformity</i> , 2021, 9, 635-644.	0.7	14
141	Comparison of rod fracture rates in long spinal deformity constructs after transforaminal versus anterior lumbar interbody fusions: a single-institution analysis. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 42-49.	0.9	14
142	P130. Risk Factors for Distal Adding-on Identified: What to Watch Out For. <i>Spine Journal</i> , 2008, 8, 164S.	0.6	13
143	Prospective, Multicenter Assessment of Acute Neurologic Complications Following Complex Adult Spinal Deformity Surgery: The Scolio-Risk-1 Trial. <i>Spine Journal</i> , 2013, 13, S67.	0.6	13
144	The ventral lamina and superior facet rule: a morphometric analysis for an ideal thoracic pedicle screw starting point. <i>Spine Journal</i> , 2014, 14, 137-144.	0.6	13

#	ARTICLE	IF	CITATIONS
145	Patient-Reported Outcomes After Complex Adult Spinal Deformity Surgery: 5-Year Results of the Scolio-Risk-1 Study. <i>Global Spine Journal</i> , 2022, 12, 1736-1744.	1.2	13
146	Correlation analysis of the PI-LL mismatch according to the pelvic incidence from a database of 468 asymptomatic volunteers. <i>European Spine Journal</i> , 2022, 31, 1413-1420.	1.0	13
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150	Bibliometric Analysis of the Scientific Literature on Adolescent Idiopathic Scoliosis. <i>World Neurosurgery</i> , 2021, 151, e265-e277.	0.7	12
151	The Incidence of Adding-On or Distal Junctional Kyphosis in Adolescent Idiopathic Scoliosis Treated by Anterior Spinal Fusion to L3 Was Significantly Higher Than by Posterior Spinal Fusion to L3. <i>Neurospine</i> , 2021, 18, 457-463.	1.1	12
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154	Novel radiographic parameters for the assessment of total body sagittal alignment in adult spinal deformity patients. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 372-379.	0.9	11
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157	The role of the fractional lumbosacral curve in persistent coronal malalignment following adult thoracolumbar deformity surgery: a radiographic analysis. <i>Spine Deformity</i> , 2021, 9, 721-731.	0.7	11
158	Complications Associated with Surgical Treatment of Traumatic Spinal Fractures: A Review of the Scoliosis Research Society Morbidity and Mortality Database. <i>World Neurosurgery</i> , 2014, 81, 818-824.	0.7	10
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161	Do Antifibrinolytic Agents Reduce the Risk of Blood Transfusion in Children Undergoing Spinal Fusion?. <i>Spine</i> , 2020, 45, 1055-1061.	1.0	10
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164	Development and Validation of a Multidomain Surgical Complication Classification System for Adult Spinal Deformity. Spine, 2021, 46, E267-E273.	1.0	10
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170	What's new in the surgical care of Adolescent Idiopathic Scoliosis (AIS). ArgoSpine News and Journal, 2012, 24, 62-66.	0.1	8
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178	Does Thoracic Hypokyphosis Matter in Lenke Type 1 Adolescent Idiopathic Scoliosis?. Spine Deformity, 2013, 1, 40-45.	0.7	7
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183	The role of perioperative ketamine in postoperative pain control following spinal surgery. <i>Journal of Spine Surgery</i> , 2020, 6, 591-597.	0.6	7
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194	A new modular radiographic classification of adult idiopathic scoliosis as an extension of the Lenke classification of adolescent idiopathic scoliosis. <i>Spine Deformity</i> , 2021, 9, 175-183.	0.7	5
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211	Distal adding-on in adolescent idiopathic scoliosis results in diminished health-related quality of life at 10 years following posterior spinal fusion. <i>Spine Deformity</i> , 2022, 10, 515-526.	0.7	4
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213	Multilevel Posterior Vertebral Column Resection for the Revision of Congenital Dislocation of the Spine Following In Situ Fusion: A Case Report. <i>Spine Deformity</i> , 2014, 2, 233-238.	0.7	3
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218	Importance of intraoperative dynamic spinal cord mapping (DSCM) during complex spinal deformity surgery. <i>Spine Deformity</i> , 2020, 8, 1131-1134.	0.7	3
219	Posterior vertebral column resection for rigid proximal thoracic kyphoscoliosis with broken growing rods in a patient with Desbuquois dysplasia. <i>Spine Deformity</i> , 2020, 8, 135-138.	0.7	3
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222	The Scolio-RISK 1 results of lower extremity motor function 5 years after complex adult spinal deformity surgery. <i>European Spine Journal</i> , 2021, 30, 3243-3254.	1.0	3
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237	Incidence and risk factors of iatrogenic coronal malalignment after adult spinal deformity surgery: a single-center experience. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-10.	0.9	2
238	A national analysis on complications and readmissions for adult cerebral palsy patients undergoing primary spinal fusion surgery. <i>European Spine Journal</i> , 2022, 31, 718.	1.0	2
239	Commentary: Postoperative spinal alignment remodeling in Lenke 1C scoliosis treated with selective thoracic fusion. <i>Spine Journal</i> , 2012, 12, 81-82.	0.6	1
240	Matched Cohort Analysis of Posterior-Only Vertebral Column Resection Versus Combined Anterior/Posterior Vertebrectomy for Severe Spinal Deformity. <i>Spine Deformity</i> , 2013, 1, 439-446.	0.7	1
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247	SRS-22r question 11 is a valid opioid screen and stratifies opioid consumption. <i>Spine Deformity</i> , 2022, , 1.	0.7	1
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249	Individual differences in postoperative recovery trajectories for adult symptomatic lumbar scoliosis. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 429-438.	0.9	1
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251	L1 Burst Fracture Through an Area of Pseudarthrosisâ€“a Case Report. <i>Spine Deformity</i> , 2013, 1, 157-160.	0.7	0
252	Can spinal deformity patients maintain proper arm positions while undergoing full-body X-ray?. <i>Spine Deformity</i> , 2021, 9, 387-394.	0.7	0

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255	Introduction: Video Illustrations of Techniques and Strategies for Adult and Pediatric Spinal Deformity Surgery. Neurosurgical Focus Video, 2020, 2, Intro.	0.1	0
256	Title: How Does Gravity Influence the Distribution of Lordosis in Patients With Sagittal Malalignment?. Global Spine Journal, 2022, , 219256822210874.	1.2	0
257	Clinically relevant biomechanical properties of three different fixation techniques of the upper instrumented vertebra in deformity surgery. Spine Deformity, 2022, , 1.	0.7	0
258	Letter to the Editor for state of the art: proximal junctional kyphosis; diagnosis, management and prevention. Spine Deformity, 2022, , .	0.7	0