

# Peter O Newton

## List of Publications by Year in descending order

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190  
papers

5,835  
citations

61984

43  
h-index

102487

66  
g-index

191  
all docs

191  
docs citations

191  
times ranked

2630  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adolescent idiopathic scoliosis. Nature Reviews Disease Primers, 2015, 1, 15030.	30.5	329
2	Anterior Release and Fusion in Pediatric Spinal Deformity. Spine, 1997, 22, 1398-1406.	2.0	154
3	Comparison of 3-Dimensional Spinal Reconstruction Accuracy. Spine, 2012, 37, 1391-1397.	2.0	135
4	Preservation of Thoracic Kyphosis Is Critical to Maintain Lumbar Lordosis in the Surgical Treatment of Adolescent Idiopathic Scoliosis. Spine, 2010, 35, 1365-1370.	2.0	129
5	Anterior Spinal Growth Tethering for Skeletally Immature Patients with Scoliosis. Journal of Bone and Joint Surgery - Series A, 2018, 100, 1691-1697.	3.0	125
6	Asymmetrical Flexible Tethering of Spine Growth in an Immature Bovine Model. Spine, 2002, 27, 689-693.	2.0	114
7	The Effect of Surgeon Experience on Outcomes of Surgery for Adolescent Idiopathic Scoliosis. Journal of Bone and Joint Surgery - Series A, 2014, 96, 1333-1339.	3.0	114
8	Use of Video-Assisted Thoracoscopic Surgery to Reduce Perioperative Morbidity in Scoliosis Surgery. Spine, 2003, 28, S249-S254.	2.0	112
9	Spinal Growth Modulation With an Anterolateral Flexible Tether in an Immature Bovine Model. Spine, 2008, 33, 724-733.	2.0	103
10	Analysis of Sagittal Alignment in Thoracic and Thoracolumbar Curves in Adolescent Idiopathic Scoliosis. Spine, 2007, 32, 1355-1359.	2.0	101
11	Anterior Spinal Growth Modulation in Skeletally Immature Patients with Idiopathic Scoliosis. Journal of Bone and Joint Surgery - Series A, 2020, 102, 769-777.	3.0	100
12	Three-Dimensional Classification of Thoracic Scoliotic Curves. Spine, 2009, 34, 91-99.	2.0	96
13	Seeing the Spine in 3D. Journal of Pediatric Orthopaedics, 2011, 31, S37-S45.	1.2	96
14	Which Lenke 1A Curves Are at the Greatest Risk for Adding-On... and Why?. Spine, 2012, 37, 1384-1390.	2.0	95
15	Factors Involved in the Decision to Perform a Selective Versus Nonselective Fusion of Lenke 1B and 1C (King-Moe II) Curves in Adolescent Idiopathic Scoliosis. Spine, 2003, 28, S217-S223.	2.0	90
16	Spinal Growth Modulation with Use of a Tether in an Immature Porcine Model. Journal of Bone and Joint Surgery - Series A, 2008, 90, 2695-2706.	3.0	90
17	Defining the "Three-Dimensional Sagittal Plane" in Thoracic Adolescent Idiopathic Scoliosis. Journal of Bone and Joint Surgery - Series A, 2015, 97, 1694-1701.	3.0	87
18	Distal Junctional Kyphosis of Adolescent Idiopathic Thoracic Curves Following Anterior or Posterior Instrumented Fusion: Incidence, Risk Factors, and Prevention. Spine, 2006, 31, 299-302.	2.0	83

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19	Predictors of Change in Postoperative Pulmonary Function in Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2007, 32, 1875-1882.	2.0	80
20	A Multicenter Study Analyzing the Relationship of a Standardized Radiographic Scoring System of Adolescent Idiopathic Scoliosis and the Scoliosis Research Society Outcomes Instrument. <i>Spine</i> , 2002, 27, 2036-2040.	2.0	79
21	Effects of Intraoperative Tensioning of an Anterolateral Spinal Tether on Spinal Growth Modulation in a Porcine Model. <i>Spine</i> , 2011, 36, 109-117.	2.0	69
22	The Success of Thoracoscopic Anterior Fusion in a Consecutive Series of 112 Pediatric Spinal Deformity Cases. <i>Spine</i> , 2005, 30, 392-398.	2.0	67
23	Selective Thoracic Fusion in Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2011, 36, 1131-1141.	2.0	67
24	Bracing for Idiopathic Scoliosis: How Many Patients Require Treatment to Prevent One Surgery?. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 649-653.	3.0	65
25	Risk Factors of Proximal Junctional Kyphosis in Adolescent Idiopathic Scoliosisâ€”The Pelvis and Other Considerations. <i>Spine Deformity</i> , 2017, 5, 181-188.	1.5	65
26	Would CoCr Rods Provide Better Correctional Forces Than Stainless Steel or Titanium for Rigid Scoliosis Curves?. <i>Journal of Spinal Disorders and Techniques</i> , 2013, 26, E70-E74.	1.9	64
27	Body Image in Patients with Adolescent Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, e61.	3.0	64
28	Spontaneous Lumbar Curve Correction in Selective Thoracic Fusions of Idiopathic Scoliosis. <i>Spine</i> , 2008, 33, 1068-1073.	2.0	63
29	Multilevel Spinal Growth Modulation With an Anterolateral Flexible Tether in an Immature Bovine Model. <i>Spine</i> , 2005, 30, 2608-2613.	2.0	62
30	Surgical Treatment of Lenke 1 Main Thoracic Idiopathic Scoliosis. <i>Spine</i> , 2013, 38, 328-338.	2.0	62
31	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.	3.0	61
32	Perioperative and Delayed Major Complications Following Surgical Treatment of Adolescent Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 1206-1212.	3.0	60
33	Utility of Three-Dimensional and Multiplanar Reformatted Computed Tomography for Evaluation of Pediatric Congenital Spine Abnormalities. <i>Spine</i> , 2002, 27, 844-850.	2.0	59
34	Assessing the Risk-Benefit Ratio of Scoliosis Surgery in Cerebral Palsy: Surgery Is Worth It. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 556-563.	3.0	59
35	Three-Dimensional Analysis of Thoracic Apical Sagittal Alignment in Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2009, 34, 792-797.	2.0	58
36	The effects of the three-dimensional deformity of adolescent idiopathic scoliosis on pulmonary function. <i>European Spine Journal</i> , 2017, 26, 1658-1664.	2.2	58

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37	Thoracoscopic Scoliosis Surgery Affects Pulmonary Function Less Than Thoracotomy at 2 Years Postsurgery. <i>Spine</i> , 2007, 32, 453-458.	2.0	55
38	Immobilization of the knee joint alters the mechanical and ultrastructural properties of the rabbit anterior cruciate ligament. <i>Journal of Orthopaedic Research</i> , 1995, 13, 191-200.	2.3	54
39	Multivariate Analysis of Factors Associated With Kyphosis Maintenance in Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2012, 37, 1297-1302.	2.0	54
40	Major perioperative complications after spine surgery in patients with cerebral palsy: assessment of risk factors. <i>European Spine Journal</i> , 2016, 25, 795-800.	2.2	52
41	Evolution of Surgery for Adolescent Idiopathic Scoliosis Over 20 Years. <i>Spine</i> , 2018, 43, 402-410.	2.0	52
42	Subclassification of GMFCS Level-5 Cerebral Palsy as a Predictor of Complications and Health-Related Quality of Life After Spinal Arthrodesis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 1821-1828.	3.0	51
43	Prevalence of Postoperative Pain in Adolescent Idiopathic Scoliosis and the Association With Preoperative Pain. <i>Spine</i> , 2013, 38, 1848-1852.	2.0	49
44	Is the Lumbar Modifier Useful in Surgical Decision Making?. <i>Spine</i> , 2008, 33, 2545-2551.	2.0	45
45	New EOS Imaging Protocol Allows a Substantial Reduction in Radiation Exposure for Scoliosis Patients. <i>Spine Deformity</i> , 2016, 4, 138-144.	1.5	44
46	Disc Degeneration in Unfused Caudal Motion Segments Ten Years Following Surgery for Adolescent Idiopathic Scoliosis. <i>Spine Deformity</i> , 2018, 6, 684-690.	1.5	40
47	Antifibrinolytic Agents Reduce Blood Loss During Pediatric Vertebral Column Resection Procedures. <i>Spine</i> , 2012, 37, E1459-E1463.	2.0	39
48	Five-year clinical and radiographic outcomes using pedicle screw only constructs in the treatment of adolescent idiopathic scoliosis. <i>European Spine Journal</i> , 2013, 22, 1292-1299.	2.2	39
49	5-Year Reoperation Risk and Causes for Revision After Idiopathic Scoliosis Surgery. <i>Spine</i> , 2017, 42, 999-1005.	2.0	39
50	Apical Vertebral Rotation in Adolescent Idiopathic Scoliosis. <i>Journal of Spinal Disorders and Techniques</i> , 2011, 24, 251-257.	1.9	38
51	Establishing consensus on the best practice guidelines for the use of bracing in adolescent idiopathic scoliosis. <i>Spine Deformity</i> , 2020, 8, 597-604.	1.5	38
52	Surgical Treatment of Main Thoracic Scoliosis with Thoracoscopic Anterior Instrumentation. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 2077-2089.	3.0	37
53	Computer-Generated, Three-Dimensional Spine Model From Biplanar Radiographs: A Validity Study in Idiopathic Scoliosis Curves Greater Than 50 Degrees. <i>Spine Deformity</i> , 2014, 2, 81-88.	1.5	37
54	Ten-Year Outcomes of Selective Fusions for Adolescent Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 761-770.	3.0	37

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55	Deep Wound Infections After Spinal Fusion in Children With Cerebral Palsy. <i>Spine</i> , 2013, 38, 2023-2027.	2.0	36
56	Do Ponte Osteotomies Enhance Correction in Adolescent Idiopathic Scoliosis? An Analysis of 191 Lenke 1A and 1B Curves. <i>Spine Deformity</i> , 2015, 3, 483-488.	1.5	36
57	Non-Fusion Surgical Correction of Thoracic Idiopathic Scoliosis Using a Novel, Braided Vertebral Body Tethering Device. <i>JBS Open Access</i> , 2019, 4, e0026.	1.5	36
58	The Central Hip Vertical Axis. <i>Spine</i> , 2010, 35, E530-E534.	2.0	35
59	Blood Loss Reduction During Surgical Correction of Adolescent Idiopathic Scoliosis Utilizing an Ultrasonic Bone Scalpel. <i>Spine Deformity</i> , 2014, 2, 285-290.	1.5	35
60	Optimal Radiographical Criteria After Selective Thoracic Fusion for Patients With Adolescent Idiopathic Scoliosis With a C Lumbar Modifier. <i>Spine</i> , 2014, 39, E1368-E1373.	2.0	34
61	Development of Consensus-Based Best Practice Guidelines for Postoperative Care Following Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2017, 42, E547-E554.	2.0	33
62	Comparison of Compensatory Curve Spontaneous Derotation After Selective Thoracic or Lumbar Fusions in Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2008, 33, 2643-2647.	2.0	32
63	3D rod shape changes in adolescent idiopathic scoliosis instrumentation: how much does it impact correction?. <i>European Spine Journal</i> , 2017, 26, 1676-1683.	2.2	30
64	Predicting 3D Thoracic Kyphosis Using Traditional 2D Radiographic Measurements in Adolescent Idiopathic Scoliosis. <i>Spine Deformity</i> , 2017, 5, 159-165.	1.5	28
65	Reversible Intraoperative Neurophysiologic Monitoring Alerts in Patients Undergoing Arthrodesis for Adolescent Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 1478-1483.	3.0	27
66	The Deformity-Flexibility Quotient Predicts Both Patient Satisfaction and Surgeon Preference in the Treatment of Lenke 1B or 1C Curves for Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2009, 34, 1032-1039.	2.0	26
67	The Association of Patient Characteristics and Spinal Curve Parameters With Lenke Classification Types. <i>Spine</i> , 2012, 37, 1138-1141.	2.0	26
68	Surgical Treatment of Main Thoracic Scoliosis with Thoracoscopic Anterior Instrumentation. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009, 91, 233-248.	3.0	25
69	Multicenter Comparison of the Factors Important in Restoring Thoracic Kyphosis During Posterior Instrumentation for Adolescent Idiopathic Scoliosis. <i>Spine Deformity</i> , 2013, 1, 359-364.	1.5	25
70	Thoracic Idiopathic Scoliosis Severity Is Highly Correlated with 3D Measures of Thoracic Kyphosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, e54.	3.0	25
71	Predictors of Distal Adding-on in Thoracic Major Curves With AR Lumbar Modifiers. <i>Spine</i> , 2017, 42, E211-E218.	2.0	25
72	Intervertebral Disc Health Preservation After Six Months of Spinal Growth Modulation. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 1408-1416.	3.0	24

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73	Did the Lenke Classification Change Scoliosis Treatment?. Spine, 2011, 36, 1142-1145.	2.0	24
74	Surgery for the Adolescent Idiopathic Scoliosis Patients After Skeletal Maturity: Early Versus Late Surgery. Spine Deformity, 2019, 7, 84-92.	1.5	24
75	The Benefits of Sparing Lumbar Motion Segments in Spinal Fusion for Adolescent Idiopathic Scoliosis Are Evident at 10 Years Postoperatively. Spine, 2020, 45, 755-763.	2.0	24
76	Surgical Site Infection in Adolescent Idiopathic Scoliosis Surgery. Spine Deformity, 2013, 1, 352-358.	1.5	23
77	Smaller Body Size Increases the Percentage of Blood Volume Lost During Posterior Spinal Arthrodesis. Journal of Bone and Joint Surgery - Series A, 2015, 97, 507-511.	3.0	23
78	A Detailed Comparative Analysis of Anterior Versus Posterior Approach to Lenke 5C Curves. Spine, 2018, 43, E285-E291.	2.0	23
79	Selecting the "Touched Vertebra" as the Lowest Instrumented Vertebra in Patients with Lenke Type-1 and 2 Curves. Journal of Bone and Joint Surgery - Series A, 2020, 102, 1966-1973.	3.0	22
80	Does Leveling the Upper Thoracic Spine Have Any Impact on Postoperative Clinical Shoulder Balance in Lenke 1 and 2 Patients?. Spine, 2016, 41, 1122-1127.	2.0	21
81	Ponte Osteotomies Increase the Risk of Neuromonitoring Alerts in Adolescent Idiopathic Scoliosis Correction Surgery. Spine, 2019, 44, E175-E180.	2.0	21
82	Towards a new 3D classification for adolescent idiopathic scoliosis. Spine Deformity, 2020, 8, 387-396.	1.5	21
83	Results of Selective Thoracic Versus Nonselective Fusion in Lenke Type 3 Curves. Spine, 2014, 39, 2034-2041.	2.0	20
84	Maintenance of Thoracic Kyphosis in the 3D Correction of Thoracic Adolescent Idiopathic Scoliosis Using Direct Vertebral Derotation. Spine Deformity, 2013, 1, 46-50.	1.5	19
85	The Effect of Time and Fusion Length on Motion of the Unfused Lumbar Segments in Adolescent Idiopathic Scoliosis. Spine Deformity, 2015, 3, 549-553.	1.5	19
86	Patient-Specific Risk Adjustment Improves Comparison of Infection Rates Following Posterior Fusion for Adolescent Idiopathic Scoliosis. Journal of Bone and Joint Surgery - Series A, 2017, 99, 1846-1850.	3.0	19
87	Relationship Between Lumbar Lordosis and Pelvic Incidence in the Adolescent Patient: Normal Cohort Analysis and Literature Comparison*. Spine Deformity, 2018, 6, 529-536.	1.5	19
88	Intraspinous Pathology Associated With Pediatric Scoliosis. Spine, 2016, 41, 1600-1605.	2.0	18
89	Relationships Between the Axial Derotation of the Lower Instrumented Vertebra and Uninstrumented Lumbar Curve Correction: Radiographic Outcome in Lenke 1 Adolescent Idiopathic Scoliosis With a Minimum 2-Year Follow-up. Journal of Pediatric Orthopaedics, 2018, 38, e194-e201.	1.2	18
90	Reciprocal Changes in Sagittal Alignment With Operative Treatment of Adolescent Scheuermann Kyphosis" Prospective Evaluation of 96 Patients. Spine Deformity, 2018, 6, 177-184.	1.5	18

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91	Quality of Life Improvement Following Surgery in Adolescent Spinal Deformity Patients: A Comparison Between Scheuermann Kyphosis and Adolescent Idiopathic Scoliosis*. Spine Deformity, 2018, 6, 676-683.	1.5	18
92	In Search of the Ever-Elusive Postoperative Shoulder Balance: Is the T2 UIV the Key?*. Spine Deformity, 2018, 6, 707-711.	1.5	18
93	The 3D Sagittal Profile of Thoracic Versus Lumbar Major Curves in Adolescent Idiopathic Scoliosis. Spine Deformity, 2019, 7, 60-65.	1.5	18
94	Neurophysiological monitoring of spinal cord function during spinal deformity surgery: 2020 SRS neuromonitoring information statement. Spine Deformity, 2020, 8, 591-596.	1.5	18
95	Assessment of Proximal Junctional Kyphosis and Shoulder Balance With Proximal Screws versus Hooks in Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis. Spine, 2018, 43, E1322-E1328.	2.0	17
96	Major complications following surgical correction of spine deformity in 257 patients with cerebral palsy. Spine Deformity, 2020, 8, 1305-1312.	1.5	17
97	Postoperative Perfection. Spine, 2015, 40, E1323-E1329.	2.0	16
98	Three Methods of Pelvic Fixation for Scoliosis in Children With Cerebral Palsy. Spine, 2019, 44, E19-E25.	2.0	16
99	Risk factors for gastrointestinal complications after spinal fusion in children with cerebral palsy. Spine Deformity, 2021, 9, 567-578.	1.5	16
100	Machine Learning Predicts the 3D Outcomes of Adolescent Idiopathic Scoliosis Surgery Using Patient-Specific Parameters. Spine, 2021, 46, 579-587.	2.0	16
101	Analysis of Intraoperative Neuromonitoring Events During Spinal Corrective Surgery for Idiopathic Scoliosis. Spine Deformity, 2013, 1, 434-438.	1.5	15
102	When successful, anterior vertebral body tethering (VBT) induces differential segmental growth of vertebrae: an in vivo study of 51 patients and 764 vertebrae. Spine Deformity, 2022, 10, 791-797.	1.5	15
103	The classification of scoliosis braces developed by SOSORT with SRS, ISPO, and POSNA and approved by ESPRM. European Spine Journal, 2022, 31, 980-989.	2.2	15
104	Differential Rod Contouring is Essential for Improving Vertebral Rotation in Patients With Adolescent Idiopathic Scoliosis. Spine, 2018, 43, E585-E591.	2.0	14
105	What Factors Are Associated With Kyphosis Restoration in Lordotic Adolescent Idiopathic Scoliosis Patients?. Spine Deformity, 2019, 7, 596-601.	1.5	14
106	The Pros and Cons of Operating Early Versus Late in the Progression of Cerebral Palsy Scoliosis. Spine Deformity, 2019, 7, 489-493.	1.5	14
107	Biomechanical Comparison of the Load-Sharing Capacity of High and Low Implant Density Constructs With Three Types of Pedicle Screws for the Instrumentation of Adolescent Idiopathic Scoliosis. Spine Deformity, 2019, 7, 2-10.	1.5	14
108	P130. Risk Factors for Distal Adding-on Identified: What to Watch Out For. Spine Journal, 2008, 8, 164S.	1.3	13



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109	Obesity Is Associated With Increased Thoracic Kyphosis in Adolescent Idiopathic Scoliosis Patients and Nonscoliotic Adolescents. <i>Spine Deformity</i> , 2019, 7, 865-869.	1.5	13
110	Prospective 10-year follow-up assessment of spinal fusions for thoracic AIS: radiographic and clinical outcomes. <i>Spine Deformity</i> , 2020, 8, 57-66.	1.5	13
111	Body Mass Index in Adolescent Spinal Deformity: Comparison of Scheuermann's Kyphosis, Adolescent Idiopathic Scoliosis, and Normal Controls. <i>Spine Deformity</i> , 2015, 3, 318-326.	1.5	12
112	Intraoperative Traction May Be a Viable Alternative to Anterior Surgery in Cerebral Palsy Scoliosis $\geq 100$ Degrees. <i>Journal of Pediatric Orthopaedics</i> , 2018, 38, e278-e284.	1.2	12
113	Preoperative SRS pain score is the primary predictor of postoperative pain after surgery for adolescent idiopathic scoliosis: an observational retrospective study of pain outcomes from a registry of 1744 patients with a mean follow-up of 3.4 years. <i>European Spine Journal</i> , 2020, 29, 754-760.	2.2	12
114	Modified Clavien-Dindo sink classification system for adolescent idiopathic scoliosis. <i>Spine Deformity</i> , 2022, 10, 87-95.	1.5	12
115	3D Visualization of Vertebral Growth Plates and Disc: The Effects of Growth Modulation. <i>Spine Deformity</i> , 2013, 1, 313-320.	1.5	11
116	Sagittal Spinopelvic Parameters in Scheuermann's Kyphosis: Preliminary Study. <i>Spine Deformity</i> , 2015, 3, 267-271.	1.5	11
117	A Novel Method for Estimating Three-Dimensional Apical Vertebral Rotation Using Two-Dimensional Coronal Cobb Angle and Thoracic Kyphosis. <i>Spine Deformity</i> , 2017, 5, 244-249.	1.5	11
118	Timing of Changes in Three-Dimensional Spinal Parameters After Selective Thoracic Fusion in Lenke 1 Adolescent Idiopathic Scoliosis: Two-Year Follow-up. <i>Spine Deformity</i> , 2017, 5, 409-415.	1.5	11
119	Femoral Neck Aspiration Aids in the Diagnosis of Osteomyelitis In Children With Septic Hip. <i>Journal of Pediatric Orthopaedics</i> , 2018, 38, 532-536.	1.2	11
120	L3 translation predicts when L3 is not distal enough for an ideal result in Lenke 5 curves. <i>European Spine Journal</i> , 2019, 28, 1349-1355.	2.2	11
121	Progressive decline in pulmonary function 5 years post-operatively in patients who underwent anterior instrumentation for surgical correction of adolescent idiopathic scoliosis. <i>European Spine Journal</i> , 2019, 28, 1322-1330.	2.2	11
122	Rate of Scoliosis Correction After Anterior Spinal Growth Tethering for Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1718-1723.	3.0	11
123	MRI Screening in Operative Scheuermann Kyphosis: Is it Necessary?. <i>Spine Deformity</i> , 2017, 5, 124-133.	1.5	10
124	Patient-Reported SRS-24 Outcomes Scores After Surgery for Adolescent Idiopathic Scoliosis Have Improved Since the New Millennium. <i>Spine Deformity</i> , 2019, 7, 917-922.	1.5	10
125	Major Complications at Two Years After Surgery Impact SRS Scores for Adolescent Idiopathic Scoliosis Patients. <i>Spine Deformity</i> , 2019, 7, 93-99.	1.5	10
126	The Lumbosacral Takeoff Angle Can Be Used to Predict the Postoperative Lumbar Cobb Angle Following Selective Thoracic Fusion in Patients with Adolescent Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 143-150.	3.0	10



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127	Dual and Single Memory Rod Construct Comparison in an Animal Study. <i>Spine</i> , 2011, 36, E904-E913.	2.0	9
128	Lower SRS Mental Health Scores are Associated With Greater Preoperative Pain in Patients With Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2019, 44, 1647-1652.	2.0	9
129	New neurologic deficit and recovery rates in the treatment of complex pediatric spine deformities exceeding 100 degrees or treated by vertebral column resection (VCR). <i>Spine Deformity</i> , 2021, 9, 427-433.	1.5	9
130	Intraoperative neuromonitoring practice patterns in spinal deformity surgery: a global survey of the Scoliosis Research Society. <i>Spine Deformity</i> , 2021, 9, 315-325.	1.5	9
131	Restoration of Thoracic Kyphosis in Adolescent Idiopathic Scoliosis Over a Twenty-year Period: Are We Getting Better?. <i>Spine</i> , 2020, 45, 1625-1633.	2.0	9
132	Complications following surgical treatment of adolescent idiopathic scoliosis: a 10-year prospective follow-up study. <i>Spine Deformity</i> , 2022, 10, 1097-1105.	1.5	9
133	Resource Utilization in Adolescent Idiopathic Scoliosis Surgery: Is There Opportunity for Standardization?. <i>Spine Deformity</i> , 2017, 5, 166-171.	1.5	8
134	Factors affecting the outcome in appearance of AIS surgery in terms of the minimal clinically important difference. <i>European Spine Journal</i> , 2017, 26, 1782-1788.	2.2	8
135	Selective thoracic fusion of a left decompensated main thoracic curve: proceed with caution?. <i>European Spine Journal</i> , 2018, 27, 312-318.	2.2	8
136	Do All Patients With Cerebral Palsy Require Postoperative Intensive Care Admission After Spinal Fusion?. <i>Spine Deformity</i> , 2019, 7, 112-117.	1.5	8
137	The Clavicle Continues to Grow During Adolescence and Early Adulthood. <i>HSS Journal</i> , 2020, 16, 372-377.	1.7	8
138	Early and late hospital readmissions after spine deformity surgery in children with cerebral palsy. <i>Spine Deformity</i> , 2020, 8, 507-516.	1.5	8
139	The Relationship Between 3-dimensional Spinal Alignment, Thoracic Volume, and Pulmonary Function in Surgical Correction of Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2020, 45, 983-992.	2.0	8
140	Including the stable sagittal vertebra in the fusion for adolescent idiopathic scoliosis reduces the risk of distal junctional kyphosis in Lenke 1-3 B and C curves. <i>Spine Deformity</i> , 2021, 9, 733-741.	1.5	8
141	The influence of 3D curve severity on paraspinal muscle fatty infiltration in patients with adolescent idiopathic scoliosis. <i>Spine Deformity</i> , 2021, 9, 987-995.	1.5	8
142	0.4% incidence of return to OR due to screw malposition in a large prospective adolescent idiopathic scoliosis database. <i>Spine Deformity</i> , 2022, 10, 361-367.	1.5	8
143	To tether or fuse? Significant equipoise remains in treatment recommendations for idiopathic scoliosis. <i>Spine Deformity</i> , 2022, 10, 763-773.	1.5	8
144	Preoperative Pulmonary Function in Patients With Operative Scheuermann Kyphosis. <i>Spine Deformity</i> , 2014, 2, 70-75.	1.5	7

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145	Recurrence of Deep Surgical Site Infection in Cerebral Palsy After Spinal Fusion Is Rare. <i>Spine Deformity</i> , 2017, 5, 208-212.	1.5	7
146	Agreement Between Manual and Computerized Designation of Neutral Vertebra in Idiopathic Scoliosis. <i>Spine Deformity</i> , 2018, 6, 644-650.	1.5	7
147	Thoracic Lordosis, Especially in Males, Increases Blood Loss in Adolescent Idiopathic Scoliosis. <i>Journal of Pediatric Orthopaedics</i> , 2019, 39, e201-e204.	1.2	7
148	Quality improvement in post-operative opioid and benzodiazepine regimen in adolescent patients after posterior spinal fusion. <i>Spine Deformity</i> , 2020, 8, 441-445.	1.5	7
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