

Lawrence G Lenke

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

251
papers

11,783
citations

56
h-index

105
g-index

258
ext. papers

13,482
ext. citations

2.7
avg, IF

6.1
L-index

#	Paper	IF	Citations
251	Adolescent Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2001 , 83, 1169-1181	5.6	1185
250	Risk factors for surgical site infection following orthopaedic spinal operations. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008 , 90, 62-9	5.6	523
249	Proximal junctional kyphosis in adult spinal deformity following long instrumented posterior spinal fusion: incidence, outcomes, and risk factor analysis. <i>Spine</i> , 2005 , 30, 1643-9	3.3	397
248	Adult spinal deformity surgery: complications and outcomes in patients over age 60. <i>Spine</i> , 2007 , 32, 2238-44	3.3	365
247	Does treatment (nonoperative and operative) improve the two-year quality of life in patients with adult symptomatic lumbar scoliosis: a prospective multicenter evidence-based medicine study. <i>Spine</i> , 2009 , 34, 2171-8	3.3	288
246	Minimum 5-year analysis of L5-S1 fusion using sacropelvic fixation (bilateral S1 and iliac screws) for spinal deformity. <i>Spine</i> , 2006 , 31, 303-8	3.3	287
245	Proximal junctional kyphosis in adult spinal deformity after segmental posterior spinal instrumentation and fusion: minimum five-year follow-up. <i>Spine</i> , 2008 , 33, 2179-84	3.3	283
244	Pedicle subtraction osteotomy for the treatment of fixed sagittal imbalance. <i>Journal of Bone and Joint Surgery - Series A</i> , 2003 , 85, 454-63	5.6	278
243	Complications and outcomes of pedicle subtraction osteotomies for fixed sagittal imbalance. <i>Spine</i> , 2003 , 28, 2093-101	3.3	274
242	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, S199-207	3.3	256
241	Results of lumbar pedicle subtraction osteotomies for fixed sagittal imbalance: a minimum 5-year follow-up study. <i>Spine</i> , 2007 , 32, 2189-97	3.3	248
240	Posterior vertebral column resection for severe pediatric deformity: minimum two-year follow-up of thirty-five consecutive patients. <i>Spine</i> , 2009 , 34, 2213-21	3.3	233
239	Comparison of Smith-Petersen versus pedicle subtraction osteotomy for the correction of fixed sagittal imbalance. <i>Spine</i> , 2005 , 30, 2030-7; discussion 2038	3.3	232
238	Neurologic complications of lumbar pedicle subtraction osteotomy: a 10-year assessment. <i>Spine</i> , 2007 , 32, 2245-52	3.3	217
237	Vertebral column resection for the treatment of severe spinal deformity. <i>Clinical Orthopaedics and Related Research</i> , 2010 , 468, 687-99	2.2	216
236	The comprehensive anatomical spinal osteotomy classification. <i>Neurosurgery</i> , 2014 , 74, 112-20; discussion 120	3.2	202
235	Major complications and comparison between 3-column osteotomy techniques in 105 consecutive spinal deformity procedures. <i>Spine</i> , 2012 , 37, 1198-210	3.3	183

234	Selective posterior thoracic fusions for adolescent idiopathic scoliosis: comparison of hooks versus pedicle screws. <i>Spine</i> , 2006 , 31, 2400-4	3.3	161
233	Patients with proximal junctional kyphosis requiring revision surgery have higher postoperative lumbar lordosis and larger sagittal balance corrections. <i>Spine</i> , 2014 , 39, E576-80	3.3	160
232	Complications after 147 consecutive vertebral column resections for severe pediatric spinal deformity: a multicenter analysis. <i>Spine</i> , 2013 , 38, 119-32	3.3	155
231	Operative treatment of adolescent idiopathic scoliosis with posterior pedicle screw-only constructs: minimum three-year follow-up of one hundred fourteen cases. <i>Spine</i> , 2008 , 33, 1598-604	3.3	153
230	Pseudarthrosis in primary fusions for adult idiopathic scoliosis: incidence, risk factors, and outcome analysis. <i>Spine</i> , 2005 , 30, 468-74	3.3	153
229	Building consensus: development of a Best Practice Guideline (BPG) for surgical site infection (SSI) prevention in high-risk pediatric spine surgery. <i>Journal of Pediatric Orthopaedics</i> , 2013 , 33, 471-8	2.4	148
228	Intraobserver and interobserver reliability of the classification of thoracic adolescent idiopathic scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 1998 , 80, 1097-106	5.6	145
227	Multisurgeon assessment of surgical decision-making in adolescent idiopathic scoliosis: curve classification, operative approach, and fusion levels. <i>Spine</i> , 2001 , 26, 2347-53	3.3	141
226	Revision rates following primary adult spinal deformity surgery: six hundred forty-three consecutive patients followed-up to twenty-two years postoperative. <i>Spine</i> , 2010 , 35, 219-26	3.3	139
225	Perioperative halo-gravity traction in the treatment of severe scoliosis and kyphosis. <i>Spine</i> , 2005 , 30, 475-82	3.3	139
224	Proximal junctional kyphosis as a distinct form of adjacent segment pathology after spinal deformity surgery: a systematic review. <i>Spine</i> , 2012 , 37, S144-64	3.3	134
223	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, 1849-54	3.3	129
222	Curve prevalence of a new classification of operative adolescent idiopathic scoliosis: does classification correlate with treatment?. <i>Spine</i> , 2002 , 27, 604-11	3.3	125
221	Long-term complications in adult spinal deformity patients having combined surgery a comparison of primary to revision patients. <i>Spine</i> , 2001 , 26, 973-83	3.3	125
220	Pedicle subtraction osteotomy for the treatment of fixed sagittal imbalance. Surgical technique. <i>Journal of Bone and Joint Surgery - Series A</i> , 2004 , 86-A Suppl 1, 44-50	5.6	115
219	Operative management of Scheuermann's kyphosis in 78 patients: radiographic outcomes, complications, and technique. <i>Spine</i> , 2007 , 32, 2644-52	3.3	112
218	Do radiographic parameters correlate with clinical outcomes in adolescent idiopathic scoliosis?. <i>Spine</i> , 2000 , 25, 1795-802	3.3	112
217	Prevention and management of iatrogenic flatback deformity. <i>Journal of Bone and Joint Surgery - Series A</i> , 2004 , 86, 1793-808	5.6	111

216	Growth modulation by means of anterior tethering resulting in progressive correction of juvenile idiopathic scoliosis: a case report. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010 , 92, 202-9	5.6	108
215	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	6.5	107
214	Comparison of Scheuermann kyphosis correction by posterior-only thoracic pedicle screw fixation versus combined anterior/posterior fusion. <i>Spine</i> , 2006 , 31, 2316-21	3.3	105
213	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	2	102
212	Triggered electromyographic threshold for accuracy of pedicle screw placement. An animal model and clinical correlation. <i>Spine</i> , 1995 , 20, 1585-91	3.3	102
211	Complications and results of long adult deformity fusions down to l4, l5, and the sacrum. <i>Spine</i> , 2001 , 26, E182-92	3.3	102
210	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, 884-90	3.3	93
209	Correlation between low triggered electromyographic thresholds and lumbar pedicle screw malposition: analysis of 4857 screws. <i>Spine</i> , 2007 , 32, 2673-8	3.3	86
208	Selection of the optimal distal fusion level in posterior instrumentation and fusion for thoracic hyperkyphosis: the sagittal stable vertebra concept. <i>Spine</i> , 2009 , 34, 765-70	3.3	77
207	Non-Neurologic Complications Following Surgery for Adolescent Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007 , 89, 2427-2432	5.6	75
206	Neurologic Outcomes of Complex Adult Spinal Deformity Surgery: Results of the Prospective, Multicenter Scolio-RISK-1 Study. <i>Spine</i> , 2016 , 41, 204-12	3.3	69
205	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	4.2	67
204	Loss of spinal cord monitoring signals in children during thoracic kyphosis correction with spinal osteotomy: why does it occur and what should you do?. <i>Spine</i> , 2008 , 33, 1093-9	3.3	67
203	Does correction of preoperative coronal imbalance make a difference in outcomes of adult patients with deformity?. <i>Spine</i> , 2013 , 38, 476-83	3.3	66
202	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	3.3	65
201	Recent and Emerging Advances in Spinal Deformity. <i>Neurosurgery</i> , 2017 , 80, S70-S85	3.2	64
200	Operative Versus Nonoperative Treatment for Adult Symptomatic Lumbar Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019 , 101, 338-352	5.6	61
199	Prospective pulmonary function comparison of open versus endoscopic anterior fusion combined with posterior fusion in adolescent idiopathic scoliosis. <i>Spine</i> , 2004 , 29, 2055-60	3.3	58

198	The Lenke classification system of operative adolescent idiopathic scoliosis. <i>Neurosurgery Clinics of North America</i> , 2007 , 18, 199-206	4	57
197	Preliminary investigation of high-dose tranexamic acid for controlling intraoperative blood loss in patients undergoing spine correction surgery. <i>Spine Journal</i> , 2015 , 15, 647-54	4	56
196	Can we safely reduce blood loss during lumbar pedicle subtraction osteotomy procedures using tranexamic acid or aprotinin? A comparative study with controls. <i>Spine</i> , 2010 , 35, 235-9	3.3	56
195	Comparison of thoracic pedicle screw to hook instrumentation for the treatment of adult spinal deformity. <i>Spine</i> , 2007 , 32, 555-61	3.3	56
194	Efficacy of perioperative halo-gravity traction for treatment of severe scoliosis (R100). <i>Journal of Orthopaedic Science</i> , 2010 , 15, 720-30	1.6	55
193	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	5.6	53
192	The morbidity of an anterior thoracolumbar approach: adult spinal deformity patients with greater than five-year follow-up. <i>Spine</i> , 2009 , 34, 822-6	3.3	49
191	Use and outcomes of wound drain in spinal fusion for adolescent idiopathic scoliosis. <i>Spine</i> , 2012 , 37, 966-73	3.3	47
190	Management of juvenile idiopathic scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007 , 89 Suppl 1, 55-63	5.6	46
189	Short-term complications associated with surgery for high-grade spondylolisthesis in adults and pediatric patients: a report from the scoliosis research society morbidity and mortality database. <i>Neurosurgery</i> , 2012 , 71, 109-16	3.2	45
188	Anterior endoscopic discectomy and fusion for adolescent idiopathic scoliosis. <i>Spine</i> , 2003 , 28, S36-43	3.3	45
187	Accuracy of S2 Alar-Iliac Screw Placement Under Robotic Guidance. <i>Spine Deformity</i> , 2018 , 6, 130-136	2	44
186	Neuromonitoring in Spinal Deformity Surgery: A Multimodality Approach. <i>Global Spine Journal</i> , 2018 , 8, 68-77	2.7	41
185	Analysis of patients with nonambulatory neuromuscular scoliosis surgically treated to the pelvis with intraoperative halo-femoral traction. <i>Spine</i> , 2006 , 31, 2381-5	3.3	41
184	Ability of Cotrel-Dubousset instrumentation to preserve distal lumbar motion segments in adolescent idiopathic scoliosis. <i>Journal of Spinal Disorders</i> , 1993 , 6, 339-50		41
183	The Free-Hand Technique for S2-Alar-Iliac Screw Placement: A Safe and Effective Method for Sacropelvic Fixation in Adult Spinal Deformity. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018 , 100, 334-342	5.6	40
182	Staged posterior surgery for severe adult spinal deformity. <i>Spine</i> , 2003 , 28, 2116-21	3.3	39
181	Evaluation of ventilatory efficiency during exercise in patients with idiopathic scoliosis undergoing spinal fusion. <i>Spine</i> , 2002 , 27, 2041-5	3.3	38

180	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	2	37
179	Lenke classification system of adolescent idiopathic scoliosis: treatment recommendations. <i>Instructional Course Lectures</i> , 2005 , 54, 537-42	1.3	36
178	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	4	34
177	Spinal Deformity Associated with Chiari Malformation. <i>Neurosurgery Clinics of North America</i> , 2015 , 26, 579-85	4	33
176	The Deformity Angular Ratio: Does It Correlate With High-Risk Cases for Potential Spinal Cord Monitoring Alerts in Pediatric 3-Column Thoracic Spinal Deformity Corrective Surgery?. <i>Spine</i> , 2015 , 40, E879-85	3.3	32
175	Increasing lumbar lordosis of adult spinal deformity patients via intraoperative prone positioning. <i>Spine</i> , 2009 , 34, 2406-12	3.3	32
174	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> , 2018 , 30, 31-37	2.8	31
173	Risks and outcomes of spinal deformity surgery in Chiari malformation, Type 1, with syringomyelia versus adolescent idiopathic scoliosis. <i>Spine Journal</i> , 2015 , 15, 2002-8	4	28
172	Health-related quality of life outcomes in complex adult spinal deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2018 , 28, 194-200	2.8	28
171	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	2	26
170	Return to sports after surgery to correct adolescent idiopathic scoliosis: a survey of the Spinal Deformity Study Group. <i>Spine Journal</i> , 2015 , 15, 951-8	4	23
169	Incidence and risk factors of postoperative neurologic decline after complex adult spinal deformity surgery: results of the Scol-RISK-1 study. <i>Spine Journal</i> , 2018 , 18, 1733-1740	4	22
168	Posterior vertebral column resection for the treatment of dystrophic kyphosis associated with type-1 neurofibromatosis: a case report and review of the literature. <i>Spine</i> , 2012 , 37, E1659-64	3.3	22
167	Predictors of Health-Related Quality-of-Life After Complex Adult Spinal Deformity Surgery: A Scol-RISK-1 Secondary Analysis. <i>Spine Deformity</i> , 2017 , 5, 139-144	2	21
166	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	2.7	21
165	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	2.7	21
164	Evaluation and surgical treatment of high-grade isthmic dysplastic spondylolisthesis. <i>Instructional Course Lectures</i> , 2003 , 52, 525-32	1.3	21
163	Vertebral Column Resection for Rigid Spinal Deformity. <i>Global Spine Journal</i> , 2017 , 7, 280-290	2.7	20

162	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, 2232-6	3.3	20
161	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	5.6	19
160	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	2.5	19
159	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	2	19
158	Retrospective analysis underestimates neurological deficits in complex spinal deformity surgery: a Scol-RISK-1 Study. <i>Journal of Neurosurgery: Spine</i> , 2017 , 27, 68-73	2.8	18
157	Sacropelvic Fixation: When, Why, How?. <i>Neurosurgery Clinics of North America</i> , 2018 , 29, 389-397	4	17
156	Mesh cages in idiopathic scoliosis in adolescents. <i>Clinical Orthopaedics and Related Research</i> , 2002 , 98-108	2	17
155	Predictors of Distal Adding-on in Thoracic Major Curves With AR Lumbar Modifiers. <i>Spine</i> , 2017 , 42, E2113-E2118	3.5	16
154	The Effect of Aging on Cervical Parameters in a Normative North American Population. <i>Global Spine Journal</i> , 2018 , 8, 709-715	2.7	16
153	Optimal Lowest Instrumented Vertebra for Thoracic Adolescent Idiopathic Scoliosis. <i>Spine Deformity</i> , 2018 , 6, 250-256	2	16
152	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	2.2	15
151	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	2	15
150	Do intraoperative radiographs in scoliosis surgery reflect radiographic result?. <i>Clinical Orthopaedics and Related Research</i> , 2010 , 468, 679-86	2.2	15
149	Neuroanesthesia Guidelines for Optimizing Transcranial Motor Evoked Potential Neuromonitoring During Deformity and Complex Spinal Surgery: A Delphi Consensus Study. <i>Spine</i> , 2020 , 45, 911-920	3.3	14
148	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	2.5	14
147	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	5.6	14
146	Does Planned Staging for Posterior-Only Vertebral Column Resections in Spinal Deformity Surgery Increase Perioperative Complications?. <i>Spine Deformity</i> , 2016 , 4, 131-137	2	14
145	Trends in Spine Surgery Training During Neurological and Orthopaedic Surgery Residency: A 10-Year Analysis of ACGME Case Log Data. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019 , 101, e122	5.6	14

144	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	2	13
143	The ventral lamina and superior facet rule: a morphometric analysis for an ideal thoracic pedicle screw starting point. <i>Spine Journal</i> , 2014 , 14, 137-44	4	13
142	An international consensus on the appropriate evaluation and treatment for adults with spinal deformity. <i>European Spine Journal</i> , 2018 , 27, 585-596	2.7	13
141	Assessment of Lowest Instrumented Vertebra Tilt on Radiographic Measurements in Lenke "C" Modifier Curves Undergoing Selective Thoracic Fusion in Adolescent Idiopathic Scoliosis. <i>Spine Deformity</i> , 2016 , 4, 125-130	2	12
140	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	4	12
139	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	2.7	12
138	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, 2819-25	4	12
137	Topical tranexamic acid in spinal surgery: A systematic review and meta-analysis. <i>Journal of Clinical Neuroscience</i> , 2019 , 61, 114-119	2.2	12
136	Robotic versus freehand S2 alar iliac fixation: in-depth technical considerations. <i>Journal of Spine Surgery</i> , 2018 , 4, 638-644	2.5	12
135	Cervical Spine Compensation in Adolescent Idiopathic Scoliosis. <i>Spine Deformity</i> , 2015 , 3, 327-331	2	11
134	Tissue engineering advances in spine surgery. <i>Regenerative Medicine</i> , 2016 , 11, 211-22	2.5	11
133	Risk Factors for Coronal Decompensation After Posterior Spinal Instrumentation and Fusion in Adolescent Idiopathic Scoliosis. <i>Spine Deformity</i> , 2014 , 2, 380-385	2	11
132	Cervical Lordosis Actually Increases With Aging and Progressive Degeneration in Spinal Deformity Patients. <i>Spine Deformity</i> , 2014 , 2, 410-414	2	11
131	Utilization trends of pedicle subtraction osteotomies compared to posterior spinal fusion for deformity: a national database analysis between 2008-2011. <i>Scoliosis and Spinal Disorders</i> , 2016 , 11, 25	1.7	11
130	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	2.5	11
129	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	2.8	10
128	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	2	10
127	Decompression alone versus decompression with limited fusion for treatment of degenerative lumbar scoliosis in the elderly patient. <i>Evidence-based Spine-care Journal</i> , 2012 , 3, 27-32		10

126	P130. Risk Factors for Distal Adding-on Identified: What to Watch Out For. <i>Spine Journal</i> , 2008 , 8, 164S	4	10
125	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	2	9
124	Lower Extremity Motor Function Following Complex Adult Spinal Deformity Surgery: Two-Year Follow-up in the Scolio-RISK-1 Prospective, Multicenter, International Study. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018 , 100, 656-665	5.6	9
123	Surgical Treatment of Scoliosis in Non-Ambulatory Spastic Quadriplegic Cerebral Palsy Patients: A Matched Cohort Comparison of Unit Rod Technique and All-Pedicle Screw Constructs. <i>Spine Deformity</i> , 2013 , 1, 389-394	2	9
122	An Analysis of the Incidence and Outcomes of Major Versus Minor Neurological Decline After Complex Adult Spinal Deformity Surgery: A Subanalysis of Scolio-RISK-1 Study. <i>Spine</i> , 2018 , 43, 905-912	3.3	9
121	Cervical and Cervicothoracic Sagittal Alignment According to Roussouly Thoracolumbar Subtypes. <i>Spine</i> , 2019 , 44, E634-E639	3.3	8
120	Sagittal Alignment Two Years After Selective and Nonselective Thoracic Fusion for Lenke 1C Adolescent Idiopathic Scoliosis. <i>Spine Deformity</i> , 2015 , 3, 560-565	2	8
119	Can Intraoperative Spinal Cord Monitoring Reliably Help Prevent Paraplegia During Posterior Vertebral Column Resection Surgery?. <i>Spine Deformity</i> , 2015 , 3, 73-81	2	8
118	Preoperative halo-gravity traction for treatment of severe adult kyphosis and scoliosis. <i>Spine Deformity</i> , 2020 , 8, 85-95	2	8
117	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, 818-24	2.1	8
116	Reliability of the revised Scoliosis Research Society-22 and Oswestry Disability Index (ODI) questionnaires in adult spinal deformity when administered by telephone. <i>Spine Journal</i> , 2016 , 16, 1042-4	4	8
115	Reciprocal Change in Sagittal Profiles After Adolescent Idiopathic Scoliosis Surgery With Segmental Pedicle Screw Construct: A Full-body X-ray Analysis. <i>Spine</i> , 2019 , 44, 1705-1714	3.3	8
114	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	2.7	8
113	Kyphosis of the thoracic and thoracolumbar spine in the pediatric patient: prevention and treatment of surgical complications. <i>Instructional Course Lectures</i> , 2004 , 53, 501-10	1.3	8
112	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	2.8	7
111	Thoracolumbar junction orientation: its impact on thoracic kyphosis and sagittal alignment in both asymptomatic volunteers and symptomatic patients. <i>European Spine Journal</i> , 2019 , 28, 1937-1947	2.7	7
110	What's new in the surgical care of Adolescent Idiopathic Scoliosis (AIS). <i>ArgoSpine News and Journal</i> , 2012 , 24, 62-66		7
109	Does the Global Alignment and Proportion score overestimate mechanical complications after adult spinal deformity correction?. <i>Journal of Neurosurgery: Spine</i> , 2020 , 1-7	2.8	7

108	The Role of Potentially Modifiable Factors in a Standard Work Protocol to Decrease Complications in Adult Spinal Deformity Surgery: A Systematic Review, Part 1. <i>Spine Deformity</i> , 2019 , 7, 669-683	2	6
107	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, 85-145	2.7	6
106	Does Thoracic Hypokyphosis Matter in Lenke Type 1 Adolescent Idiopathic Scoliosis?. <i>Spine Deformity</i> , 2013 , 1, 40-45	2	6
105	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> , 2019 , 1-8	2.8	6
104	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	2.2	6
103	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	4	6
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101	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 , 1-13	2.8	6
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9	Defining risk factors for adding-on in Lenke 1 and 2 AR curves. <i>Spine Deformity</i> , 2021 , 9, 1569-1579	2	
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3	Clinically relevant biomechanical properties of three different fixation techniques of the upper instrumented vertebra in deformity surgery.. <i>Spine Deformity</i> , 2022 , 1	2	
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