

Lawrence G Lenke

List of Publications by Year in Descending Order

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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	SRS-22r question 11 is a valid opioid screen and stratifies opioid consumption.. <i>Spine Deformity</i> , 2022 , 1	2	
250	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	2.7	
249	Understanding the role of pelvic obliquity and leg length discrepancy in adult spinal deformity patients with coronal malalignment: unlocking the black box.. <i>Journal of Neurosurgery: Spine</i> , 2022 , 1-9	2.8	0
248	Establishing consensus: determinants of high-risk and preventative strategies for neurological events in complex spinal deformity surgery.. <i>Spine Deformity</i> , 2022 , 1	2	1
247	Pelvic thickness, sex, ethnicity, and age affect pelvic incidence in healthy volunteers of Multi-Ethnic Alignment Normative Study (MEANS) database.. <i>European Spine Journal</i> , 2022 , 1	2.7	0
246	Title: How Does Gravity Influence the Distribution of Lordosis in Patients With Sagittal Malalignment?. <i>Global Spine Journal</i> , 2022 , 21925682221087467	2.7	
245	Individual differences in postoperative recovery trajectories for adult symptomatic lumbar scoliosis.. <i>Journal of Neurosurgery: Spine</i> , 2022 , 1-10	2.8	
244	Kickstand rods and correction of coronal malalignment in patients with adult spinal deformity.. <i>European Spine Journal</i> , 2022 , 1	2.7	0
243	Development of consensus-based best practice guidelines for response to intraoperative neuromonitoring events in high-risk spinal deformity surgery.. <i>Spine Deformity</i> , 2022 , 1	2	1
242	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 , 1	2.7	1
241	Clinically relevant biomechanical properties of three different fixation techniques of the upper instrumented vertebra in deformity surgery.. <i>Spine Deformity</i> , 2022 , 1	2	
240	Evaluation of coronal alignment from the skull using the novel orbital-coronal vertical axis line.. <i>Journal of Neurosurgery: Spine</i> , 2022 , 1-10	2.8	
239	Letter to the Editor for state of the art: proximal junctional kyphosis; diagnosis, management and prevention.. <i>Spine Deformity</i> , 2022 ,	2	
238	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	2.8	0
237	Development and Validation of a Multidomain Surgical Complication Classification System for Adult Spinal Deformity. <i>Spine</i> , 2021 , 46, E267-E273	3.3	1
236	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> , 2021 , 1	2	0
235	Evaluation of 3D vertebral and pelvic position by surface topography in asymptomatic females: presentation of normative reference data. <i>Journal of Orthopaedic Surgery and Research</i> , 2021 , 16, 703	2.8	1

234	Impact of New Motor Deficit on HRQOL After Adult Spinal Deformity Surgery: Subanalysis From Scoliosis Risk 1 Prospective Study. <i>Spine</i> , 2021 , 46, E450-E457	3.3	1
233	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
232	Can pelvic incidence change after spinal deformity correction to the pelvis with S2-alar-iliac screws?. <i>European Spine Journal</i> , 2021 , 30, 2486-2494	2.7	2
231	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	5.6	0
230	The Hybrid Open Muscle-Sparing Approach in Adult Spinal Deformity Patients Undergoing Lower Thoracic Fusion to the Pelvis. <i>Neurospine</i> , 2021 , 18, 234-239	3.1	2
229	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	2	2
228	Marked Increase in Spinal Deformity Surgery Throughout the United States. <i>Spine</i> , 2021 , 46, 1402-1408	3.3	3
227	L5 Vertebral Column Resection for Correction of Severe Lumbar Hyperlordosis and Pelvic Anteversion in an Adolescent With Prior Myelomeningocele Repair and Lumbar Fusion: Case Report. <i>Operative Neurosurgery</i> , 2021 , 21, E129-E135	1.6	
226	Do readmissions and reoperations adversely affect patient-reported outcomes following complex adult spinal deformity surgery at a minimum 2 years postoperative?. <i>Spine Deformity</i> , 2021 , 9, 789-801	2	1
225	The odontoid-CSVL distance in a global population of asymptomatic volunteers: normative values and implications for spinal coronal alignment. <i>European Spine Journal</i> , 2021 , 30, 3639-3646	2.7	
224	Don't forget the pelvis: accounting for pelvic rotation in the preoperative assessment of adolescent idiopathic scoliosis. <i>Journal of Spine Surgery</i> , 2021 , 7, 181-189	2.5	
223	Stratifying outcome based on the Oswestry Disability Index for operative treatment of adult spinal deformity on patients 60 years of age or older: a multicenter, multi-continental study on Prospective Evaluation of Elderly Deformity Surgery (PEEDS). <i>Spine Journal</i> , 2021 , 21, 1775-1783	4	3
222	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
221	Ambulatory capacity following fusion to the sacrum with pelvic fixations pediatric spinal deformity patients. <i>Spine Deformity</i> , 2021 , 9, 491-499	2	0
220	Rod fractures and nonunions after long fusion to the sacrum for primary presentation adult spinal deformity: a comparison with and without interbody fusion in the distal lumbar spine. <i>Spine Deformity</i> , 2021 , 9, 231-237	2	2
219	Interobserver and intraobserver reliability of determining the deformity angular ratio in severe pediatric deformity curves. <i>Spine Deformity</i> , 2021 , 9, 435-440	2	1
218	Can spinal deformity patients maintain proper arm positions while undergoing full-body X-ray?. <i>Spine Deformity</i> , 2021 , 9, 387-394	2	
217	Spinal fusion in pediatric patients with marfan syndrome: a nationwide assessment on short-term outcomes and readmission risk. <i>European Spine Journal</i> , 2021 , 30, 775-787	2.7	1

216	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	2	2
215	State of the art: proximal junctional kyphosis-diagnosis, management and prevention. <i>Spine Deformity</i> , 2021 , 9, 635-644	2	4
214	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	2	1
213	Intraoperative versus postoperative radiographic coronal balance for adult spinal deformity surgery. <i>Spine Deformity</i> , 2021 , 9, 1077-1084	2	
212	Patient-Reported Outcomes After Complex Adult Spinal Deformity Surgery: 5-Year Results of the Scolio-Risk-1 Study. <i>Global Spine Journal</i> , 2021 , 2192568220988276	2.7	5
211	Flexion-extension standing radiographs underestimate instability in patients with single-level lumbar spondylolisthesis: comparing flexion-supine imaging may be more appropriate. <i>Journal of Spine Surgery</i> , 2021 , 7, 48-54	2.5	1
210	Defining risk factors for adding-on in Lenke 1 and 2 AR curves. <i>Spine Deformity</i> , 2021 , 9, 1569-1579	2	
209	Bibliometric Analysis of the Scientific Literature on Adolescent Idiopathic Scoliosis. <i>World Neurosurgery</i> , 2021 , 151, e265-e277	2.1	1
208	Comparison of surgical invasiveness and morbidity of adult spinal deformity surgery to other major operations. <i>Spine Journal</i> , 2021 , 21, 1784-1792	4	0
207	Understanding sagittal compensation in adult spinal deformity patients: relationship between pelvic tilt and lower-extremity position. <i>Journal of Neurosurgery: Spine</i> , 2021 , 1-8	2.8	0
206	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	4.2	3
205	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	2.7	0
204	Myelopathic Patients Undergoing Severe Pediatric Spinal Deformity Surgery Can Improve Neurologic Function to That of Non-Myelopathic Patients by 1-Year Postoperative. <i>Global Spine Journal</i> , 2021 , 21925682211034837	2.7	
203	AO Spine Adult Spinal Deformity Patient Profile: A Paradigm Shift in Comprehensive Patient Evaluation in Order to Optimize Treatment and Improve Patient Care. <i>Global Spine Journal</i> , 2021 , 21925682211037935	2.7	
202	Adolescent Idiopathic Scoliosis Treated by Posterior Spinal Segmental Instrumented Fusion : When Is Fusion to L3 Stable?. <i>Journal of Korean Neurosurgical Society</i> , 2021 , 64, 776-783	2.3	2
201	Comparing hyperlordotic and standard lordotic cages for achieving segmental lumbar lordosis during transforaminal lumbar interbody fusion in adult spinal deformity surgery. <i>Journal of Spine Surgery</i> , 2021 , 7, 318-325	2.5	0
200	Be Prepared: Preoperative Coronal Malalignment Often Leads to More Extensive Surgery Than Sagittal Malalignment During Adult Spinal Deformity Surgery. <i>Neurospine</i> , 2021 , 18, 570-579	3.1	0
199	Evaluation of global alignment and proportion score in an independent database. <i>Spine Journal</i> , 2021 , 21, 1549-1558	4	1

198	Return to golf after adult degenerative and deformity spine surgery: a preliminary case series of how surgery impacts golf play and performance. <i>Journal of Spine Surgery</i> , 2021 , 7, 289-299	2.5	0
197	A narrative review of infection prevention techniques in adult and pediatric spinal deformity surgery. <i>Journal of Spine Surgery</i> , 2021 , 7, 413-421	2.5	0
196	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	3.1	3
195	Minimum 2-Year Analysis of S2-Alar-Iliac Screw Fixation for Adult Spinal Deformity. <i>Global Spine Journal</i> , 2021 , 2192568220984478	2.7	2
194	Surgeons lack of agreement on determining preoperative radiographic and clinical shoulder balance in adolescent and adult idiopathic scoliosis patients. <i>European Spine Journal</i> , 2021 , 30, 661-667	2.7	
193	Health Care Lobbying, Political Action Committees, and Spine Surgery. <i>Spine</i> , 2020 , 45, 1736-1742	3.3	3
192	Selecting the "Touched Vertebra" as the Lowest Instrumented Vertebra in Patients with Lenke Type-1 and 2 Curves: Radiographic Results After a Minimum 5-Year Follow-up. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020 , 102, 1966-1973	5.6	4
191	Importance of intraoperative dynamic spinal cord mapping (DSCM) during complex spinal deformity surgery. <i>Spine Deformity</i> , 2020 , 8, 1131-1134	2	1
190	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
189	Global alignment and proportion (GAP) scores in an asymptomatic, nonoperative cohort: a divergence of age-adjusted and pelvic incidence-based alignment targets. <i>European Spine Journal</i> , 2020 , 29, 2362-2367	2.7	2
188	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
187	Recent trends in medicare utilization and reimbursement for lumbar spine fusion and discectomy procedures. <i>Spine Journal</i> , 2020 , 20, 1586-1594	4	4
186	Preoperative halo-gravity traction for treatment of severe adult kyphosis and scoliosis. <i>Spine Deformity</i> , 2020 , 8, 85-95	2	8
185	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	2	0
184	Surgeon-specific risk stratification model for early complications after complex adult spinal deformity surgery. <i>Spine Deformity</i> , 2020 , 8, 97-104	2	1
183	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> , 2020 , 2192568220976355	2.7	3
182	Neurologic Deficit During Halo-Gravity Traction in the Treatment of Severe Thoracic Kyphoscoliotic Spinal Deformity. <i>Neurospine</i> , 2020 , 17, 461-465	3.1	2
181	Selection of the Lowest Instrumented Vertebra and Relative Odds Ratio of Distal Adding-on for Lenke Type 1A and 2A Curves in Adolescent Idiopathic Scoliosis: A Systematic Review and Meta-analysis. <i>Neurospine</i> , 2020 , 17, 902-909	3.1	2

180	Effect modifiers for patient-reported outcomes in operatively and nonoperatively treated patients with adult symptomatic lumbar scoliosis: a combined analysis of randomized and observational cohorts. <i>Journal of Neurosurgery: Spine</i> , 2020 , 1-10	2.8	3
179	Pelvic parameters directly influence ideal S2 alar-iliac (S2AI) screw trajectory.. <i>North American Spine Society Journal (NASSJ)</i> , 2020 , 2, 100014	0.3	0
178	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
177	The Effect of Tobacco Smoking on Adverse Events Following Adult Complex Deformity Surgery: Analysis of 270 Patients From the Prospective, Multicenter Scolio-RISK-1 Study. <i>Spine</i> , 2020 , 45, 32-37	3.3	4
176	Is Anterior Release Obsolete or Does It Play a Role in Contemporary Adolescent Idiopathic Scoliosis Surgery? A Matched Pair Analysis. <i>Journal of Pediatric Orthopaedics</i> , 2020 , 40, e161-e165	2.4	2
175	Can Machine Learning Accurately Predict Postoperative Compensation for the Uninstrumented Thoracic Spine and Pelvis After Fusion From the Lower Thoracic Spine to the Sacrum?. <i>Global Spine Journal</i> , 2020 , 2192568220956978	2.7	3
174	The 3 Sagittal Morphotypes That Define the Normal Cervical Spine: A Systematic Review of the Literature and an Analysis of Asymptomatic Volunteers. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020 , 102, e109	5.6	3
173	Spinal Deformity Surgery in Pediatric Patients With Cerebral Palsy: A National-Level Analysis of Inpatient and Postdischarge Outcomes. <i>Global Spine Journal</i> , 2020 , 2192568220960075	2.7	0
172	Variability in stable sagittal vertebra (SSV) during full-length biplanar xrays can affect the choice of fusion levels in patients with adolescent idiopathic scoliosis (AIS). <i>Spine Deformity</i> , 2020 , 8, 1261-1267	2	2
171	Thoracolumbar Junction Orientation: A Novel Guide for Sagittal Correction and Proximal Junctional Kyphosis Prediction in Adult Spinal Deformity Patients. <i>Neurosurgery</i> , 2020 , 88, 55-62	3.2	6
170	The role of perioperative ketamine in postoperative pain control following spinal surgery. <i>Journal of Spine Surgery</i> , 2020 , 6, 591-597	2.5	4
169	The 90-Day Reoperations and Readmissions in Complex Adult Spinal Deformity Surgery. <i>Global Spine Journal</i> , 2020 , 2192568220953391	2.7	3
168	Do Antifibrinolytic Agents Reduce the Risk of Blood Transfusion in Children Undergoing Spinal Fusion?: A Propensity Score-matched Comparison Using a National Database. <i>Spine</i> , 2020 , 45, 1055-1061	3.3	3
167	Epidural hematoma due to Gardner-Wells Tongs placement during pediatric spinal deformity surgery. <i>Spine Deformity</i> , 2020 , 8, 1139-1142	2	1
166	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
165	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
164	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	2.7	6
163	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

162	Cervical and Cervicothoracic Sagittal Alignment According to Roussouly Thoracolumbar Subtypes. <i>Spine</i> , 2019 , 44, E634-E639	3.3	8
161	Outcomes of Fusions From the Cervical Spine to the Pelvis. <i>Global Spine Journal</i> , 2019 , 9, 6-13	2.7	5
160	Unilateral versus bilateral lower extremity motor deficit following complex adult spinal deformity surgery: is there a difference in recovery up to 2-year follow-up?. <i>Spine Journal</i> , 2019 , 19, 395-402	4	3
159	Minimum five-year follow-up of posterior-only pedicle screw constructs for thoracic and thoracolumbar kyphosis. <i>European Spine Journal</i> , 2019 , 28, 2609-2618	2.7	5
158	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
157	Commentary: Artificial Intelligence for Adult Spinal Deformity. <i>Neurospine</i> , 2019 , 16, 695-696	3.1	1
156	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
155	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
154	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
153	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
152	Path to Prevention of Spinal Trauma in a Low- to Middle-income Country: A Single-center Study in Phnom Penh, Cambodia. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2019 , 3,	1.2	1
151	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
150	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
149	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
148	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
147	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
146	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
145	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

144	Neuromonitoring in Spinal Deformity Surgery: A Multimodality Approach. <i>Global Spine Journal</i> , 2018 , 8, 68-77	2.7	41
143	Incidence and risk factors of postoperative neurologic decline after complex adult spinal deformity surgery: results of the Scolio-RISK-1 study. <i>Spine Journal</i> , 2018 , 18, 1733-1740	4	22
142	Posterior-Only Vertebral Column Resection for Fused Spondyloptosis. <i>Spine Deformity</i> , 2018 , 6, 84-95	2	3
141	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
140	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
139	Accuracy of S2 Alar-Iliac Screw Placement Under Robotic Guidance. <i>Spine Deformity</i> , 2018 , 6, 130-136	2	44
138	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
137	Optimal Lowest Instrumented Vertebra for Thoracic Adolescent Idiopathic Scoliosis. <i>Spine Deformity</i> , 2018 , 6, 250-256	2	16
136	Utilization of Interspinous Devices Throughout the United States Over a Recent Decade: An Analysis of the Nationwide Inpatient Sample. <i>Global Spine Journal</i> , 2018 , 8, 382-387	2.7	4
135	Prone Position-Induced Quadriceps Transcranial Motor Evoked Potentials Signal Loss-A Case Report. <i>Spine Deformity</i> , 2018 , 6, 627-630	2	1
134	Key Role of Preoperative Recumbent Films in the Treatment of Severe Sagittal Malalignment. <i>Spine Deformity</i> , 2018 , 6, 568-575	2	5
133	Sacropelvic Fixation: When, Why, How?. <i>Neurosurgery Clinics of North America</i> , 2018 , 29, 389-397	4	17
132	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
131	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
130	Evaluation of a more ventral starting point for thoracic pedicle screws: higher maximal insertional arc and more medial and safer screw angulation. <i>Journal of Neurosurgery: Spine</i> , 2018 , 30, 337-343	2.8	1
129	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
128	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
127	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

126	Robotic versus freehand S2 alar iliac fixation: in-depth technical considerations. <i>Journal of Spine Surgery</i> , 2018 , 4, 638-644	2.5	12
125	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
124	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
123	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
122	Retrospective analysis underestimates neurological deficits in complex spinal deformity surgery: a Scoliosis-RISK-1 Study. <i>Journal of Neurosurgery: Spine</i> , 2017 , 27, 68-73	2.8	18
121	Predictors of Distal Adding-on in Thoracic Major Curves With AR Lumbar Modifiers. <i>Spine</i> , 2017 , 42, E2113-E2118	3.5	16
120	Predictors of Health-Related Quality-of-Life After Complex Adult Spinal Deformity Surgery: A Scoliosis-RISK-1 Secondary Analysis. <i>Spine Deformity</i> , 2017 , 5, 139-144	2	21
119	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
118	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
117	Vertebral Column Resection for Rigid Spinal Deformity. <i>Global Spine Journal</i> , 2017 , 7, 280-290	2.7	20
116	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
115	Recent and Emerging Advances in Spinal Deformity. <i>Neurosurgery</i> , 2017 , 80, S70-S85	3.2	64
114	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
113	Temporary occipital fixation in young children with severe cervical-thoracic spinal deformity. <i>Neurosurgical Focus</i> , 2017 , 43, E11	4.2	1
112	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
111	Tissue engineering advances in spine surgery. <i>Regenerative Medicine</i> , 2016 , 11, 211-22	2.5	11
110	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
109	Neurologic Outcomes of Complex Adult Spinal Deformity Surgery: Results of the Prospective, Multicenter Scoliosis-RISK-1 Study. <i>Spine</i> , 2016 , 41, 204-12	3.3	69

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