

# Peter Gust Passias

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3103716/peter-gust-passias-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

292  
papers

2,739  
citations

26  
h-index

36  
g-index

310  
ext. papers

3,718  
ext. citations

2.3  
avg, IF

4.97  
L-index

#	Paper	IF	Citations
292	Surgical Factors and Treatment Severity for Perioperative Complications Predict Hospital Length of Stay in Adult Spinal Deformity Surgery. <i>Spine</i> , <b>2022</b> , 47, 136-143	3.3	1
291	Commentary: Incidence and Risk Factors of Mechanical Complications After Posterior-Based Osteotomies for Correction of Moderate to Severe Adult Cervical Deformity: 1-Year and 2-Year Follow-up.. <i>Neurosurgery</i> , <b>2022</b> , 90,	3.2	
290	Health-related quality of life measures in adult spinal deformity: can we replace the SRS-22 with PROMIS?. <i>European Spine Journal</i> , <b>2022</b> , 1	2.7	0
289	Characterizing Health-Related Quality of Life by Ambulatory Status in Patients with Spinal Metastases. <i>Spine</i> , <b>2022</b> , 47, 99-104	3.3	0
288	Increasing Cost Efficiency in Adult Spinal Deformity Surgery: Identifying Predictors of Lower Total Costs. <i>Spine</i> , <b>2022</b> , 47, 21-26	3.3	0
287	Cervical and spinopelvic parameters can predict patient reported outcomes following cervical deformity surgery.. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2022</b> , 13, 62-66	1	0
286	Do the newly proposed realignment targets bridge the gap between radiographic and clinical success in adult cervical deformity corrective surgery.. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2022</b> , 13, 67-71	1	
285	Role of obesity in less radiographic correction and worse health-related quality-of-life outcomes following minimally invasive deformity surgery.. <i>Journal of Neurosurgery: Spine</i> , <b>2022</b> , 1-10	2.8	
284	Is frailty responsive to surgical correction of adult spinal deformity? An investigation of sagittal re-alignment and frailty component drivers of postoperative frailty status.. <i>Spine Deformity</i> , <b>2022</b> , 1	2	0
283	Predicting Mechanical Failure Following Cervical Deformity Surgery: A Composite Score Integrating Age-Adjusted Cervical Alignment Targets.. <i>Global Spine Journal</i> , <b>2022</b> , 21925682221086535	2.7	0
282	Radiofrequency ablation for spinal osteoid osteoma: A systematic review of safety and treatment outcomes.. <i>Surgical Oncology</i> , <b>2022</b> , 41, 101747	2.5	1
281	The Prevalence of Hip Pathologies in Adolescent Idiopathic Scoliosis.. <i>Journal of Orthopaedics</i> , <b>2022</b> , 31, 29-32	1.6	0
280	Treatment Outcomes in American Football Players After Intervertebral Disk Herniation: Systematic Review and Meta-Analysis.. <i>Neurosurgery</i> , <b>2022</b> , 90, 51-58	3.2	1
279	Examination of the Economic Burden of Frailty in Patients With Adult Spinal Deformity Undergoing Surgical Intervention.. <i>Neurosurgery</i> , <b>2022</b> , 90, 148-153	3.2	1
278	Predictive Analytics for Determining Extended Operative Time in Corrective Adult Spinal Deformity Surgery.. <i>International Journal of Spine Surgery</i> , <b>2022</b> , 16, 291-299	1.4	
277	Do the newly proposed realignment targets for C2 and T1 slope bridge the gap between radiographic and clinical success in corrective surgery for adult cervical deformity?. <i>Journal of Neurosurgery: Spine</i> , <b>2022</b> , 1-8	2.8	0
276	Proximal and distal reciprocal changes following cervical deformity malalignment correction.. <i>Journal of Neurosurgery: Spine</i> , <b>2022</b> , 1-8	2.8	0

275	Outcomes of operative treatment for adult spinal deformity: a prospective multicenter assessment with mean 4-year follow-up.. <i>Journal of Neurosurgery: Spine</i> , <b>2022</b> , 1-10	2.8	
274	The impact of postoperative neurologic complications on recovery kinetics in cervical deformity surgery.. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2021</b> , 12, 393-400	1	
273	Predicting development of severe clinically relevant distal junctional kyphosis following adult cervical deformity surgery, with further distinction from mild asymptomatic episodes.. <i>Journal of Neurosurgery: Spine</i> , <b>2021</b> , 1-8	2.8	0
272	Sports-related Cervical Spine Fracture and Spinal Cord Injury: A Review of Nationwide Pediatric Trends. <i>Spine</i> , <b>2021</b> , 46, 22-28	3.3	3
271	Percutaneous image-guided cryoablation of spinal metastases: A systematic review. <i>Journal of Clinical Neuroscience</i> , <b>2021</b> ,	2.2	2
270	Comparing and Contrasting the Clinical Utility of Sagittal Spine Alignment Classification Frameworks: Roussouly vs. SRS-Schwab. <i>Spine</i> , <b>2021</b> ,	3.3	1
269	What are the major drivers of outcomes in cervical deformity surgery?. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2021</b> , 12, 401-405	1	
268	What are the major drivers of outcomes in cervical deformity surgery?. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2021</b> , 12, 376-380	1	0
267	A predictive model of perioperative myocardial infarction following elective spine surgery.. <i>Journal of Clinical Neuroscience</i> , <b>2021</b> , 95, 112-117	2.2	
266	Establishing the minimal clinically important difference for the PROMIS Physical domains in cervical deformity patients.. <i>Journal of Clinical Neuroscience</i> , <b>2021</b> , 96, 19-24	2.2	0
265	Frequency and Implications of Concurrent Complications Following Adult Spinal Deformity Corrective Surgery. <i>Spine</i> , <b>2021</b> , 46, E1155-E1160	3.3	0
264	Patient outcomes after circumferential minimally invasive surgery compared with those of open correction for adult spinal deformity: initial analysis of prospectively collected data. <i>Journal of Neurosurgery: Spine</i> , <b>2021</b> , 1-12	2.8	0
263	Symptomatic Epidural Hematoma After Elective Cervical Spine Surgery: Incidence, Timing, Risk Factors, and Associated Complications. <i>Operative Neurosurgery</i> , <b>2021</b> , 21, 452-460	1.6	1
262	Pelvic Incidence Affects Age-adjusted Alignment Outcomes in a Population of Adult Spinal Deformity. <i>Clinical Spine Surgery</i> , <b>2021</b> , 34, E51-E56	1.8	1
261	Improvement in SRS-22R Self-Image Correlate Most with Patient Satisfaction after 3-Column Osteotomy. <i>Spine</i> , <b>2021</b> , 46, 822-827	3.3	
260	Depression Symptoms Are Associated with Poor Functional Status Among Operative Spinal Deformity Patients. <i>Spine</i> , <b>2021</b> , 46, 447-456	3.3	2
259	A Comparison of Three Different Positioning Techniques on Surgical Corrections and Postoperative Alignment in Cervical Spinal Deformity (CD) Surgery. <i>Spine</i> , <b>2021</b> , 46, 567-570	3.3	0
258	Appropriate Risk Stratification and Accounting for Age-Adjusted Reciprocal Changes in the Thoracolumbar Spine Reduces the Incidence and Magnitude of Distal Junctional Kyphosis in Cervical Deformity Surgery. <i>Spine</i> , <b>2021</b> , 46, 1437-1447	3.3	3

257	Factors influencing upper-most instrumented vertebrae selection in adult spinal deformity patients: qualitative case-based survey of deformity surgeons. <i>Journal of Spine Surgery</i> , <b>2021</b> , 7, 37-47	2.5	0
256	Artificial intelligence clustering of adult spinal deformity sagittal plane morphology predicts surgical characteristics, alignment, and outcomes. <i>European Spine Journal</i> , <b>2021</b> , 30, 2157-2166	2.7	2
255	Outcomes of Same-Day Orthopedic Surgery: Are Spine Patients More Likely to Have Optimal Immediate Recovery From Outpatient Procedures?. <i>International Journal of Spine Surgery</i> , <b>2021</b> , 15, 334-340	1.4	0
254	Cervicothoracic Versus Proximal Thoracic Lower Instrumented Vertebra Have Comparable Radiographic and Clinical Outcomes in Adult Cervical Deformity. <i>Global Spine Journal</i> , <b>2021</b> , 21925682211017478	2.7	1
253	Surgical outcomes in rigid versus flexible cervical deformities. <i>Journal of Neurosurgery: Spine</i> , <b>2021</b> , 1-9	2.8	2
252	Patient-related and radiographic predictors of inferior health-related quality-of-life measures in adult patients with nonoperative spinal deformity. <i>Journal of Neurosurgery: Spine</i> , <b>2021</b> , 1-7	2.8	1
251	Outcomes of Surgical Treatment for 138 Patients With Severe Sagittal Deformity at a Minimum 2-Year Follow-up: A Case Series. <i>Operative Neurosurgery</i> , <b>2021</b> , 21, 94-103	1.6	1
250	The Impact of Global Spinal Alignment on Standing Spinopelvic Alignment Change After Total Hip Arthroplasty. <i>Global Spine Journal</i> , <b>2021</b> , 21925682211026633	2.7	1
249	Racial Disparities in Perioperative Morbidity Following Oncological Spine Surgery. <i>Global Spine Journal</i> , <b>2021</b> , 21925682211022290	2.7	0
248	Frailty Severity Impacts Development of Hospital-acquired Conditions in Patients Undergoing Corrective Surgery for Adult Spinal Deformity. <i>Clinical Spine Surgery</i> , <b>2021</b> , 34, E377-E381	1.8	1
247	Timing of conversion to cervical malalignment and proximal junctional kyphosis following surgical correction of adult spinal deformity: a 3-year radiographic analysis. <i>Journal of Neurosurgery: Spine</i> , <b>2021</b> , 1-9	2.8	
246	Not Frail and Elderly: How Invasive Can We Go in This Different Type of Adult Spinal Deformity Patient?. <i>Spine</i> , <b>2021</b> , 46, 1559-1563	3.3	0
245	A cost benefit analysis of increasing surgical technology in lumbar spine fusion. <i>Spine Journal</i> , <b>2021</b> , 21, 193-201	4	6
244	Redefining cervical spine deformity classification through novel cutoffs: An assessment of the relationship between radiographic parameters and functional neurological outcomes. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2021</b> , 12, 157-164	1	1
243	Increased cautiousness in adolescent idiopathic scoliosis patients concordant with syringomyelia fails to improve overall patient outcomes. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2021</b> , 12, 197-201	1	1
242	Defining a Surgical Invasiveness Threshold for Increased Risk of a Major Complication Following Adult Spinal Deformity Surgery. <i>Spine</i> , <b>2021</b> , 46, 931-938	3.3	
241	Predictive model for achieving good clinical and radiographic outcomes at one-year following surgical correction of adult cervical deformity. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2021</b> , 12, 228-235	1	1
240	Prioritization of realignment associated with superior clinical outcomes for surgical cervical deformity patients. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2021</b> , 12, 311-317	1	0

239	Patients with psychiatric diagnoses have increased odds of morbidity and mortality in elective orthopedic surgery. <i>Journal of Clinical Neuroscience</i> , <b>2021</b> , 84, 42-45	2.2	2
238	Surgical Planning for Adult Spinal Deformity: Anticipated Sagittal Alignment Corrections According to the Surgical Level. <i>Global Spine Journal</i> , <b>2021</b> , 2192568220988504	2.7	2
237	A Risk-Benefit Analysis of Increasing Surgical Invasiveness Relative to Frailty Status in Adult Spinal Deformity Surgery. <i>Spine</i> , <b>2021</b> , 46, 1087-1096	3.3	0
236	The Patient-Reported Outcome Measurement Information System (PROMIS) Better Reflects the Impact of Length of Stay and the Occurrence of Complications Within 90 Days Than Legacy Outcome Measures for Lumbar Degenerative Surgery. <i>International Journal of Spine Surgery</i> , <b>2021</b> , 15, 82-86	1.4	1
235	Does Matching Roussouly Spinal Shape and Improvement in SRS-Schwab Modifier Contribute to Improved Patient-reported Outcomes?. <i>Spine</i> , <b>2021</b> , 46, 1258-1263	3.3	1
234	Complications After Adult Spinal Deformity Surgeries: All Are Not Created Equal. <i>International Journal of Spine Surgery</i> , <b>2021</b> , 15, 137-143	1.4	3
233	Predictors of Superior Recovery Kinetics in Adult Cervical Deformity Correction: An Analysis Using a Novel Area Under the Curve Methodology. <i>Spine</i> , <b>2021</b> , 46, 559-566	3.3	0
232	Baseline Frailty Status Influences Recovery Patterns and Outcomes Following Alignment Correction of Cervical Deformity. <i>Neurosurgery</i> , <b>2021</b> , 88, 1121-1127	3.2	2
231	At What Point Should the Thoracolumbar Region Be Addressed in Patients Undergoing Corrective Cervical Deformity Surgery?. <i>Spine</i> , <b>2021</b> , 46, E1113-E1118	3.3	
230	Same Day Surgical Intervention Dramatically Minimizes Complication Occurrence and Optimizes Perioperative Outcomes for Central Cord Syndrome. <i>Clinical Spine Surgery</i> , <b>2021</b> , 34, 308-311	1.8	0
229	Improvement in some Ames-ISSG cervical deformity classification modifier grades may correlate with clinical improvement. <i>Journal of Clinical Neuroscience</i> , <b>2021</b> , 89, 297-304	2.2	1
228	Outcomes of Patients With Parkinson Disease Undergoing Cervical Spine Surgery for Radiculopathy and Myelopathy With Minimum 2-Year Follow-up. <i>Clinical Spine Surgery</i> , <b>2021</b> , 34, E432-E438	1.8	0
227	Bariatric surgery diminishes spinal diagnoses in a morbidly obese population: A 2-year survivorship analysis of cervical and lumbar pathologies. <i>Journal of Clinical Neuroscience</i> , <b>2021</b> , 90, 135-139	2.2	
226	Sagittal age-adjusted score (SAAS) for adult spinal deformity (ASD) more effectively predicts surgical outcomes and proximal junctional kyphosis than previous classifications. <i>Spine Deformity</i> , <b>2021</b> , 1	2	3
225	Global coronal decompensation and adult spinal deformity surgery: comparison of upper-thoracic versus lower-thoracic proximal fixation for long fusions. <i>Journal of Neurosurgery: Spine</i> , <b>2021</b> , 1-13	2.8	0
224	Multicenter assessment of outcomes and complications associated with transforaminal versus anterior lumbar interbody fusion for fractional curve correction. <i>Journal of Neurosurgery: Spine</i> , <b>2021</b> , 1-14	2.8	0
223	Predictors of serious, preventable, and costly medical complications in a population of adult spinal deformity patients. <i>Spine Journal</i> , <b>2021</b> , 21, 1559-1566	4	0
222	Association of findings on preoperative extension lateral cervical radiography with osteotomy type, approach, and postoperative cervical alignment after cervical deformity surgery. <i>Journal of Neurosurgery: Spine</i> , <b>2021</b> , 1-6	2.8	1

221	Prioritization of Realignment Associated With Superior Clinical Outcomes for Cervical Deformity Patients. <i>Neurospine</i> , <b>2021</b> , 18, 506-514	3.1	2
220	Lateral Thoracolumbar Listhesis as an Independent Predictor of Disability in Adult Scoliosis Patients: Multivariable Assessment Before and After Surgical Realignment. <i>Neurosurgery</i> , <b>2021</b> , 89, 1080-1086	3.2	1
219	Reaching the medicare allowable threshold in adult spinal deformity surgery: multicenter cost analysis comparing actual direct hospital costs versus what the government will pay. <i>Spine Deformity</i> , <b>2021</b> , 1	2	1
218	Impact of Myelopathy Severity and Degree of Deformity on Postoperative Outcomes in Cervical Spinal Deformity Patients. <i>Neurospine</i> , <b>2021</b> , 18, 628-634	3.1	1
217	Alignment Targets, Curve Proportion and Mechanical Loading: Preliminary Analysis of an Ideal Shape Toward Reducing Proximal Junctional Kyphosis. <i>Global Spine Journal</i> , <b>2021</b> , 2192568220987188	2.7	2
216	The impact of the lower instrumented level on outcomes in cervical deformity surgery. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2021</b> , 12, 306-310	1	1
215	Cervical deformity patients with baseline hyperlordosis or hyperkyphosis differ in surgical treatment and radiographic outcomes. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2021</b> , 12, 279-286	1	0
214	Risk-benefit assessment of major versus minor osteotomies for flexible and rigid cervical deformity correction. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2021</b> , 12, 263-268	1	0
213	Operative Treatment of Severe Scoliosis in Symptomatic Adults: Multicenter Assessment of Outcomes and Complications With Minimum 2-Year Follow-up. <i>Neurosurgery</i> , <b>2021</b> , 89, 1012-1026	3.2	1
212	Complication rate evolution across a 10-year enrollment period of a prospective multicenter database.. <i>Journal of Neurosurgery: Spine</i> , <b>2021</b> , 1-11	2.8	
211	Validation of the ACS-NSQIP Risk Calculator: A Machine-Learning Risk Tool for Predicting Complications and Mortality Following Adult Spinal Deformity Corrective Surgery.. <i>International Journal of Spine Surgery</i> , <b>2021</b> , 15, 1198-1204	1.4	0
210	Durability of Satisfactory Functional Outcomes Following Surgical Adult Spinal Deformity Correction: A 3-Year Survivorship Analysis. <i>Operative Neurosurgery</i> , <b>2020</b> , 18, 118-125	1.6	5
209	A New Piece of the Puzzle to Understand Cervical Sagittal Alignment: Utilizing a Novel Angle to Describe the Relationship among T1 Vertebral Body Slope, Cervical Lordosis, and Cervical Sagittal Alignment. <i>Neurosurgery</i> , <b>2020</b> , 86, 446-451	3.2	11
208	A cost utility analysis of treating different adult spinal deformity frailty states. <i>Journal of Clinical Neuroscience</i> , <b>2020</b> , 80, 223-228	2.2	4
207	Scoring System to Triage Patients for Spine Surgery in the Setting of Limited Resources: Application to the Coronavirus Disease 2019 (COVID-19) Pandemic and Beyond. <i>World Neurosurgery</i> , <b>2020</b> , 140, e373-e380	2.1	10
206	The spino-pelvic ratio: a novel global sagittal parameter associated with clinical outcomes in adult spinal deformity patients. <i>European Spine Journal</i> , <b>2020</b> , 29, 2354-2361	2.7	3
205	Osteoporosis and Spine Surgery: A Critical Analysis Review. <i>JBJS Reviews</i> , <b>2020</b> , 8, e0160	2.6	1
204	Comparative outcomes of operative relative to medical management of spondylodiscitis accounting for frailty status at presentation. <i>Journal of Clinical Neuroscience</i> , <b>2020</b> , 75, 134-138	2.2	2

203	Intraoperative alignment goals for distinctive sagittal morphotypes of severe cervical deformity to achieve optimal improvements in health-related quality of life measures. <i>Spine Journal</i> , <b>2020</b> , 20, 1267-1275	4.75	9
202	Artificial Intelligence Models Predict Operative Versus Nonoperative Management of Patients with Adult Spinal Deformity with 86% Accuracy. <i>World Neurosurgery</i> , <b>2020</b> , 141, e239-e253	2.1	1
201	Determinants of Chiari I progression in pregnancy. <i>Journal of Clinical Neuroscience</i> , <b>2020</b> , 77, 1-7	2.2	1
200	Predictors of long-term opioid dependence in transforaminal lumbar interbody fusion with a focus on pre-operative opioid usage. <i>European Spine Journal</i> , <b>2020</b> , 29, 1311-1317	2.7	5
199	Fatty infiltration of the cervical extensor musculature, cervical sagittal balance, and clinical outcomes: An analysis of operative adult cervical deformity patients. <i>Journal of Clinical Neuroscience</i> , <b>2020</b> , 72, 134-141	2.2	5
198	Assessment of Patient Outcomes and Proximal Junctional Failure Rate of Patients with Adult Spinal Deformity Undergoing Caudal Extension of Previous Spinal Fusion. <i>World Neurosurgery</i> , <b>2020</b> , 139, e449-e454	2.1	0
197	Probability of severe frailty development among operative and nonoperative adult spinal deformity patients: an actuarial survivorship analysis over a 3-year period. <i>Spine Journal</i> , <b>2020</b> , 20, 1276-1285	4.285	0
196	Defining an Algorithm of Treatment for Severe Cervical Deformity Using Surgeon Survey and Treatment Patterns. <i>World Neurosurgery</i> , <b>2020</b> , 139, e541-e547	2.1	1
195	Sexual Dysfunction Secondary to Lumbar Stiffness in Adult Spinal Deformity Patients Before and After Long-Segment Spinal Fusion. <i>World Neurosurgery</i> , <b>2020</b> , 139, e474-e479	2.1	2
194	Decision Tree-based Modelling for Identification of Predictors of Blood Loss and Transfusion Requirement After Adult Spinal Deformity Surgery. <i>International Journal of Spine Surgery</i> , <b>2020</b> , 14, 87-95	1.4	5
193	Biologics and Minimally Invasive Approach to TLIFs: What Is the Risk of Radiculitis?. <i>International Journal of Spine Surgery</i> , <b>2020</b> , 14, 804-810	1.4	
192	Epidural Steroid Injections for Management of Degenerative Spondylolisthesis: Little Effect on Clinical Outcomes in Operatively and Nonoperatively Treated Patients. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2020</b> , 102, 1297-1304	5.6	2
191	Establishing the minimum clinically important difference in Neck Disability Index and modified Japanese Orthopaedic Association scores for adult cervical deformity. <i>Journal of Neurosurgery: Spine</i> , <b>2020</b> , 1-5	2.8	5
190	Prospective multicenter assessment of complication rates associated with adult cervical deformity surgery in 133 patients with minimum 1-year follow-up. <i>Journal of Neurosurgery: Spine</i> , <b>2020</b> , 1-13	2.8	5
189	Radiographic benefit of incorporating the inflection between the cervical and thoracic curves in fusion constructs for surgical cervical deformity patients. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2020</b> , 11, 131-138	1	0
188	Complication rates following Chiari malformation surgical management for Arnold-Chiari type I based on surgical variables: A national perspective. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2020</b> , 11, 169-172	1	0
187	Timing to surgery of Chiari malformation type 1 affects complication types: An analysis of 13,812 patients. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2020</b> , 11, 232-236	1	0
186	A Simpler, Modified Frailty Index Weighted by Complication Occurrence Correlates to Pain and Disability for Adult Spinal Deformity Patients. <i>International Journal of Spine Surgery</i> , <b>2020</b> , 14, 1031-1036	1.4	0

185	Occipital neuralgia: A neurosurgical perspective. <i>Journal of Clinical Neuroscience</i> , <b>2020</b> , 71, 263-270	2.2	4
184	Cervical, Thoracic, and Spinopelvic Compensation After Proximal Junctional Kyphosis (PJK): Does Location of PJK Matter?. <i>Global Spine Journal</i> , <b>2020</b> , 10, 6-12	2.7	5
183	Obesity negatively affects cost efficiency and outcomes following adult spinal deformity surgery. <i>Spine Journal</i> , <b>2020</b> , 20, 512-518	4	5
182	Metabolic Syndrome has a Negative Impact on Cost Utility Following Spine Surgery. <i>World Neurosurgery</i> , <b>2020</b> , 135, e500-e504	2.1	5
181	Pelvic Compensation in Sagittal Malalignment: How Much Retroversion Can the Pelvis Accommodate?. <i>Spine</i> , <b>2020</b> , 45, E203-E209	3.3	6
180	Predicting the Occurrence of Postoperative Distal Junctional Kyphosis in Cervical Deformity Patients. <i>Neurosurgery</i> , <b>2020</b> , 86, E38-E46	3.2	15
179	Does Patient Frailty Status Influence Recovery Following Spinal Fusion for Adult Spinal Deformity?: An Analysis of Patients With 3-Year Follow-up. <i>Spine</i> , <b>2020</b> , 45, E397-E405	3.3	11
178	The effect of vascular approach surgeons on perioperative complications in lateral transposas lumbar interbody fusions. <i>Spine Journal</i> , <b>2020</b> , 20, 313-320	4	4
177	ODI Cannot Account for All Variation in PROMIS Scores in Patients With Thoracolumbar Disorders. <i>Global Spine Journal</i> , <b>2020</b> , 10, 399-405	2.7	2
176	Complication Risk in Primary and Revision Minimally Invasive Lumbar Interbody Fusion: A Comparable Alternative to Conventional Open Techniques?. <i>Global Spine Journal</i> , <b>2020</b> , 10, 619-626	2.7	3
175	Operative fusion of patients with metabolic syndrome increases risk for perioperative complications. <i>Journal of Clinical Neuroscience</i> , <b>2020</b> , 72, 142-145	2.2	2
174	Cost-Utility Analysis of rhBMP-2 Use in Adult Spinal Deformity Surgery. <i>Spine</i> , <b>2020</b> , 45, 1009-1015	3.3	14
173	Neurological Complications and Recovery Rates of Patients With Adult Cervical Deformity Surgeries. <i>Global Spine Journal</i> , <b>2020</b> , 2192568220975735	2.7	0
172	Atlantoaxial dislocation with congenital "sandwich fusion" in the craniovertebral junction: a retrospective case series of 70 patients. <i>BMC Musculoskeletal Disorders</i> , <b>2020</b> , 21, 821	2.8	3
171	Classifying Complications: Assessing Adult Spinal Deformity 2-Year Surgical Outcomes. <i>Global Spine Journal</i> , <b>2020</b> , 10, 896-907	2.7	9
170	Readmission in elective spine surgery: Will short stays be beneficial to patients. <i>Journal of Clinical Neuroscience</i> , <b>2020</b> , 78, 170-174	2.2	
169	Hospital-acquired conditions occur more frequently in elective spine surgery than for other common elective surgical procedures. <i>Journal of Clinical Neuroscience</i> , <b>2020</b> , 76, 36-40	2.2	2
168	Bariatric Surgery Population at Significantly Increased Risk of Spinal Disorders and Surgical Intervention Compared With Morbidly Obese Patients. <i>Clinical Spine Surgery</i> , <b>2020</b> , 33, E158-E161	1.8	2



167	Multicenter assessment of surgical outcomes in adult spinal deformity patients with severe global coronal malalignment: determination of target coronal realignment threshold. <i>Journal of Neurosurgery: Spine</i> , <b>2020</b> , 1-14	2.8	8
166	The Influence of Surgical Intervention and Sagittal Alignment on Frailty in Adult Cervical Deformity. <i>Operative Neurosurgery</i> , <b>2020</b> , 18, 583-589	1.6	3
165	Laboratory markers as useful prognostic measures for survival in patients with spinal metastases. <i>Spine Journal</i> , <b>2020</b> , 20, 5-13	4	10
164	Incidence of Acute, Progressive, and Delayed Proximal Junctional Kyphosis Over an 8-Year Period in Adult Spinal Deformity Patients. <i>Operative Neurosurgery</i> , <b>2020</b> , 18, 75-82	1.6	15
163	Persistent Postoperative Hyperglycemia as a Risk Factor for Operative Treatment of Deep Wound Infection After Spine Surgery. <i>Neurosurgery</i> , <b>2020</b> , 87, 211-219	3.2	5
162	Assessment of Surgical Procedural Time, Pedicle Screw Accuracy, and Clinician Radiation Exposure of a Novel Robotic Navigation System Compared With Conventional Open and Percutaneous Freehand Techniques: A Cadaveric Investigation. <i>Global Spine Journal</i> , <b>2020</b> , 10, 814-825	2.7	10
161	MRI Radiological Predictors of Requiring Microscopic Lumbar Discectomy After Lumbar Disc Herniation. <i>Global Spine Journal</i> , <b>2020</b> , 10, 63-68	2.7	4
160	Cost-effectiveness of surgical treatment of adult spinal deformity: comparison of posterior-only versus anteroposterior approach. <i>Spine Journal</i> , <b>2020</b> , 20, 1464-1470	4	2
159	Practical answers to frequently asked questions for shared decision-making in adult spinal deformity surgery. <i>Journal of Neurosurgery: Spine</i> , <b>2020</b> , 1-10	2.8	0
158	Predictors of Hospital-Acquired Conditions Are Predominately Similar for Spine Surgery and Other Common Elective Surgical Procedures, With Some Key Exceptions. <i>Global Spine Journal</i> , <b>2019</b> , 9, 717-723	2.7	3
157	Measurement of Spinopelvic Angles on Prone Intraoperative Long-Cassette Lateral Radiographs Predicts Postoperative Standing Global Alignment in Adult Spinal Deformity Surgery. <i>Spine Deformity</i> , <b>2019</b> , 7, 325-330	2	7
156	Development of a Modified Cervical Deformity Frailty Index: A Streamlined Clinical Tool for Preoperative Risk Stratification. <i>Spine</i> , <b>2019</b> , 44, 169-176	3.3	23
155	Comparison of Best Versus Worst Clinical Outcomes for Adult Cervical Deformity Surgery. <i>Global Spine Journal</i> , <b>2019</b> , 9, 303-314	2.7	11
154	Factors influencing length of stay following cervical spine surgery: A comparison of myelopathy and radiculopathy patients. <i>Journal of Clinical Neuroscience</i> , <b>2019</b> , 67, 109-113	2.2	6
153	Adolescent Idiopathic Scoliosis Care in an Underserved Inner-City Population: Screening, Bracing, and Patient- and Parent-Reported Outcomes. <i>Spine Deformity</i> , <b>2019</b> , 7, 559-564	2	4
152	Traumatic Fracture of the Pediatric Cervical Spine: Etiology, Epidemiology, Concurrent Injuries, and an Analysis of Perioperative Outcomes Using the KidsRnpatient Database. <i>International Journal of Spine Surgery</i> , <b>2019</b> , 13, 68-78	1.4	18
151	Effect of Obesity on Radiographic Alignment and Short-Term Complications After Surgical Treatment of Adult Cervical Deformity. <i>World Neurosurgery</i> , <b>2019</b> , 125, e1082-e1088	2.1	3
150	Indicators for Nonroutine Discharge Following Cervical Deformity-Corrective Surgery: Radiographic, Surgical, and Patient-Related Factors. <i>Neurosurgery</i> , <b>2019</b> , 85, E509-E519	3.2	4

149	Grading of Complications After Cervical Deformity-corrective Surgery: Are Existing Classification Systems Applicable?. <i>Clinical Spine Surgery</i> , <b>2019</b> , 32, 263-268	1.8	9
148	Occipitocervical Osteotomies and Interfacet Grafts for Reduction of Occipitocervical Kyphosis and Basilar Invagination. <i>World Neurosurgery</i> , <b>2019</b> , 127, 391-396	2.1	1
147	Recovery kinetics following spinal deformity correction: a comparison of isolated cervical, thoracolumbar, and combined deformity morphometries. <i>Spine Journal</i> , <b>2019</b> , 19, 1422-1433	4	4
146	Alcoholism as a predictor for pseudarthrosis in primary spine fusion: An analysis of risk factors and 30-day outcomes for 52,402 patients from 2005 to 2013. <i>Journal of Orthopaedics</i> , <b>2019</b> , 16, 36-40	1.6	7
145	The Impact of Different Intraoperative Fluid Administration Strategies on Postoperative Extubation Following Multilevel Thoracic and Lumbar Spine Surgery: A Propensity Score Matched Analysis. <i>Neurosurgery</i> , <b>2019</b> , 85, 31-40	3.2	8
144	Limited morbidity and possible radiographic benefit of C2 . subaxial cervical upper-most instrumented vertebrae. <i>Journal of Spine Surgery</i> , <b>2019</b> , 5, 236-244	2.5	2
143	Predicting extended operative time and length of inpatient stay in cervical deformity corrective surgery. <i>Journal of Clinical Neuroscience</i> , <b>2019</b> , 69, 206-213	2.2	1
142	Asymmetric Three-Column Osteotomy for Coronal Malalignment in Adult Patients with Prior Thoracic Fusion for Adolescent Idiopathic Scoliosis: Three-Year Follow-up. <i>World Neurosurgery</i> , <b>2019</b> , 131, e441-e446	2.1	1
141	Younger Patients Are Differentially Affected by Stiffness-Related Disability Following Adult Spinal Deformity Surgery. <i>World Neurosurgery</i> , <b>2019</b> , 132, e297-e304	2.1	0
140	Spinopelvic Compensatory Mechanisms for Reduced Hip Motion (ROM) in the Setting of Hip Osteoarthritis. <i>Spine Deformity</i> , <b>2019</b> , 7, 923-928	2	15
139	Full-Body Radiographic Analysis of Postoperative Deviations From Age-Adjusted Alignment Goals in Adult Spinal Deformity Correction and Related Compensatory Recruitment. <i>International Journal of Spine Surgery</i> , <b>2019</b> , 13, 205-214	1.4	5
138	Pyogenic Vertebral Column Osteomyelitis in Adults: Analysis of Risk Factors for 30-Day and 1-Year Mortality in a Single Center Cohort Study. <i>Asian Spine Journal</i> , <b>2019</b> , 13, 608-614	2.8	11
137	Upper-thoracic versus lower-thoracic upper instrumented vertebra in adult spinal deformity patients undergoing fusion to the pelvis: surgical decision-making and patient outcomes. <i>Journal of Neurosurgery: Spine</i> , <b>2019</b> , 1-7	2.8	7
136	The morphology of cervical deformities: a two-step cluster analysis to identify cervical deformity patterns. <i>Journal of Neurosurgery: Spine</i> , <b>2019</b> , 1-7	2.8	4
135	PROMIS physical health domain scores are related to cervical deformity severity. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2019</b> , 10, 179-183	1	6
134	Klippel-Feil: A constellation of diagnoses, a contemporary presentation, and recent national trends. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2019</b> , 10, 133-138	1	8
133	Global spinal deformity from the upper cervical perspective. What is "Abnormal" in the upper cervical spine?. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2019</b> , 10, 152-159	1	2
132	The impact of osteotomy grade and location on regional and global alignment following cervical deformity surgery. <i>Journal of Craniovertebral Junction and Spine</i> , <b>2019</b> , 10, 160-166	1	6

131	Suboptimal Age-Adjusted Lumbo-Pelvic Mismatch Predicts Negative Cervical-Thoracic Compensation in Obese Patients. <i>International Journal of Spine Surgery</i> , <b>2019</b> , 13, 252-261	1.4	3
130	The Impact of Adult Thoracolumbar Spinal Deformities on Standing to Sitting Regional and Segmental Reciprocal Alignment. <i>International Journal of Spine Surgery</i> , <b>2019</b> , 13, 308-316	1.4	5
129	Reciprocal Changes in Cervical Alignment After Thoracolumbar Arthrodesis for Adult Spinal Deformity. <i>Spine</i> , <b>2019</b> , 44, E1311-E1316	3.3	5
128	Short-term Outcomes Following Cervical Laminoplasty and Decompression and Fusion With Instrumentation. <i>Spine</i> , <b>2019</b> , 44, E1018-E1023	3.3	16
127	Association Between Frailty Status and Odontoid Fractures After Traumatic Falls: Investigation of Varying Injury Mechanisms Among 70 Elderly Odontoid Fracture Patients. <i>Journal of Orthopaedic Trauma</i> , <b>2019</b> , 33, e484-e488	3.1	6
126	Spinal Fusion in Parkinson's Disease Patients: A Propensity Score-Matched Analysis With Minimum 2-Year Surveillance. <i>Spine</i> , <b>2019</b> , 44, E846-E851	3.3	2
125	Diminishing Clinical Returns of Multilevel Minimally Invasive Lumbar Interbody Fusion. <i>Spine</i> , <b>2019</b> , 44, E1181-E1187	3.3	2
124	Total Inpatient Morphine Milligram Equivalents Can Predict Long-term Opioid Use After Transforaminal Lumbar Interbody Fusion. <i>Spine</i> , <b>2019</b> , 44, 1465-1470	3.3	8
123	Utility of Patient-reported Symptoms and Health Conditions for Predicting Surgical Candidacy and Utilization of Surgery via an Outpatient Spine Clinic Nomogram. <i>Clinical Spine Surgery</i> , <b>2019</b> , 32, E407-E415	1.8	4
122	Trends in Treatment of Scheuermann Kyphosis: A Study of 1,070 Cases From 2003 to 2012. <i>Spine Deformity</i> , <b>2019</b> , 7, 100-106	2	8
121	Technical nuances of percutaneous sacroiliac joint fixation: A cadaveric study. <i>Journal of Clinical Neuroscience</i> , <b>2019</b> , 61, 315-321	2.2	0
120	Decreased rates of 30-day perioperative complications following ASD-corrective surgery: A modified Clavien analysis of 3300 patients from 2010 to 2014. <i>Journal of Clinical Neuroscience</i> , <b>2019</b> , 61, 147-152	2.2	3
119	Weekend versus Weekday Admission in Spinal Cord Injury and Its Effect on Timing of Surgical Intervention. <i>World Neurosurgery</i> , <b>2019</b> , 122, e754-e758	2.1	0
118	Predicting the occurrence of complications following corrective cervical deformity surgery: Analysis of a prospective multicenter database using predictive analytics. <i>Journal of Clinical Neuroscience</i> , <b>2019</b> , 59, 155-161	2.2	14
117	Impact of presenting patient characteristics on surgical complications and morbidity in early onset scoliosis. <i>Journal of Clinical Neuroscience</i> , <b>2019</b> , 62, 105-111	2.2	1
116	Improvement in Back and Leg Pain and Disability Following Adult Spinal Deformity Surgery: Study of 324 Patients With 2-year Follow-up and the Impact of Surgery on Patient-reported Outcomes. <i>Spine</i> , <b>2019</b> , 44, 263-269	3.3	8
115	Pre-operative planning and rod customization may optimize post-operative alignment and mitigate development of malalignment in multi-segment posterior cervical decompression and fusion patients. <i>Journal of Clinical Neuroscience</i> , <b>2019</b> , 59, 248-253	2.2	2
114	Recovery Kinetics: Comparison of Patients Undergoing Primary or Revision Procedures for Adult Cervical Deformity Using a Novel Area Under the Curve Methodology. <i>Neurosurgery</i> , <b>2019</b> , 85, E40-E51	3.2	9

113	The Relationship Between Improvements in Myelopathy and Sagittal Realignment in Cervical Deformity Surgery Outcomes. <i>Spine</i> , <b>2018</b> , 43, 1117-1124	3.3	24
112	The Impact of Comorbid Mental Health Disorders on Complications Following Adult Spinal Deformity Surgery With Minimum 2-Year Surveillance. <i>Spine</i> , <b>2018</b> , 43, 1176-1183	3.3	21
111	Cost-utility analysis of cervical deformity surgeries using 1-year outcome. <i>Spine Journal</i> , <b>2018</b> , 18, 1552-1557		14
110	Full-Body Analysis of Adult Spinal Deformity Patients: Age-Adjusted Alignment at 1 Year. <i>World Neurosurgery</i> , <b>2018</b> , 114, e775-e784	2.1	5
109	The use of patient-reported preoperative activity levels as a stratification tool for short-term and long-term outcomes in patients with adult spinal deformity. <i>Journal of Neurosurgery: Spine</i> , <b>2018</b> , 29, 68-74	2.8	3
108	Predictors of adverse discharge disposition in adult spinal deformity and associated costs. <i>Spine Journal</i> , <b>2018</b> , 18, 1845-1852	4	23
107	Cervical Alignment Changes in Patients Developing Proximal Junctional Kyphosis Following Surgical Correction of Adult Spinal Deformity. <i>Neurosurgery</i> , <b>2018</b> , 83, 675-682	3.2	10
106	Predictors of Hospital Length of Stay and 30-Day Readmission in Cervical Spondylotic Myelopathy Patients: An Analysis of 3057 Patients Using the ACS-NSQIP Database. <i>World Neurosurgery</i> , <b>2018</b> , 110, e450-e458	2.1	20
105	Drivers of Cervical Deformity Have a Strong Influence on Achieving Optimal Radiographic and Clinical Outcomes at 1 Year After Cervical Deformity Surgery. <i>World Neurosurgery</i> , <b>2018</b> , 112, e61-e68	2.1	16
104	Traumatic Fractures of the Cervical Spine: Analysis of Changes in Incidence, Cause, Concurrent Injuries, and Complications Among 488,262 Patients from 2005 to 2013. <i>World Neurosurgery</i> , <b>2018</b> , 110, e427-e437	2.1	46
103	Epidemiology and national trends in prevalence and surgical management of metastatic spinal disease. <i>Journal of Clinical Neuroscience</i> , <b>2018</b> , 53, 183-187	2.2	12
102	Predictive model for distal junctional kyphosis after cervical deformity surgery. <i>Spine Journal</i> , <b>2018</b> , 18, 2187-2194	4	32
101	The Impact of Comorbid Mental Health Disorders on Complications Following Cervical Spine Surgery With Minimum 2-Year Surveillance. <i>Spine</i> , <b>2018</b> , 43, 1455-1462	3.3	9
100	Comparing psychological burden of orthopaedic diseases against medical conditions: Investigation on hospital course of hip, knee, and spine surgery patients. <i>Journal of Orthopaedics</i> , <b>2018</b> , 15, 297-301	1.6	10
99	An Approach to Primary Tumors of the Upper Cervical Spine With Spondylectomy Using a Combined Approach: Our Experience With 19 Cases. <i>Spine</i> , <b>2018</b> , 43, 81-88	3.3	15
98	Development and Validation of a Novel Adult Spinal Deformity Surgical Invasiveness Score: Analysis of 464 Patients. <i>Neurosurgery</i> , <b>2018</b> , 82, 847-853	3.2	38
97	Characterizing Adult Cervical Deformity and Disability Based on Existing Cervical and Adult Deformity Classification Schemes at Presentation and Following Correction. <i>Neurosurgery</i> , <b>2018</b> , 82, 192-201	3.2	12
96	Patient profiling can identify patients with adult spinal deformity (ASD) at risk for conversion from nonoperative to surgical treatment: initial steps to reduce ineffective ASD management. <i>Spine Journal</i> , <b>2018</b> , 18, 234-244	4	11

95	The Lumbar Pelvic Angle, the Lumbar Component of the T1 Pelvic Angle, Correlates With HRQOL, PI-LL Mismatch, and it Predicts Global Alignment. <i>Spine</i> , <b>2018</b> , 43, 681-687	3.3	26
94	Building Consensus: Development of Best Practice Guidelines on Wrong Level Surgery in Spinal Deformity. <i>Spine Deformity</i> , <b>2018</b> , 6, 121-129	2	14
93	Recovery Kinetics of Radiographic and Implant-Related Revision Patients Following Adult Spinal Deformity Surgery. <i>Neurosurgery</i> , <b>2018</b> , 83, 700-708	3.2	6
92	Adverse Outcomes and Prediction of Cardiopulmonary Complications in Elective Spine Surgery. <i>Global Spine Journal</i> , <b>2018</b> , 8, 218-223	2.7	10
91	Clinical and radiographic presentation and treatment of patients with cervical deformity secondary to thoracolumbar proximal junctional kyphosis are distinct despite achieving similar outcomes: Analysis of 123 prospective CD cases. <i>Journal of Clinical Neuroscience</i> , <b>2018</b> , 56, 121-126	2.2	4
90	Cluster analysis describes constellations of cardiac anomalies presenting in spinal anomaly patients. <i>Acta Neurochirurgica</i> , <b>2018</b> , 160, 1613-1619	3	1
89	Rod Fracture After Apparently Solid Radiographic Fusion in Adult Spinal Deformity Patients. <i>World Neurosurgery</i> , <b>2018</b> , 117, e530-e537	2.1	23
88	Treatment of atlantoaxial dislocations among patients with cervical osseous or vascular abnormalities utilizing hybrid techniques. <i>Journal of Neurosurgery: Spine</i> , <b>2018</b> , 29, 135-143	2.8	3
87	Interpretation of Spinal Radiographic Parameters in Patients With Transitional Lumbosacral Vertebrae. <i>Spine Deformity</i> , <b>2018</b> , 6, 587-592	2	4
86	Incidence, trends, and associated risks of developmental hip dysplasia in patients with Early Onset and Adolescent Idiopathic Scoliosis. <i>Journal of Orthopaedics</i> , <b>2018</b> , 15, 874-877	1.6	4
85	Prospective Multicenter Assessment of All-Cause Mortality Following Surgery for Adult Cervical Deformity. <i>Neurosurgery</i> , <b>2018</b> , 83, 1277-1285	3.2	12
84	Predictive Modeling of Length of Hospital Stay Following Adult Spinal Deformity Correction: Analysis of 653 Patients with an Accuracy of 75% within 2 Days. <i>World Neurosurgery</i> , <b>2018</b> , 115, e422-e427 <sup>1</sup>	2.1	20
83	The impact of mental health on patient-reported outcomes in cervical radiculopathy or myelopathy surgery. <i>Journal of Clinical Neuroscience</i> , <b>2018</b> , 54, 102-108	2.2	8
82	Arm Pain Versus Neck Pain: A Novel Ratio as a Predictor of Post-Operative Clinical Outcomes in Cervical Radiculopathy Patients. <i>International Journal of Spine Surgery</i> , <b>2018</b> , 12, 629-637	1.4	11
81	Vertebral Osteomyelitis: A Comparison of Associated Outcomes in Early Versus Delayed Surgical Treatment. <i>International Journal of Spine Surgery</i> , <b>2018</b> , 12, 703-712	1.4	14
80	Development of New-Onset Cervical Deformity in Nonoperative Adult Spinal Deformity Patients With 2-Year Follow-Up. <i>International Journal of Spine Surgery</i> , <b>2018</b> , 12, 725-734	1.4	3
79	Evaluating cervical deformity corrective surgery outcomes at 1-year using current patient-derived and functional measures: are they adequate?. <i>Journal of Spine Surgery</i> , <b>2018</b> , 4, 295-303	2.5	17
78	Development of a validated computer-based preoperative predictive model for pseudarthrosis with 91% accuracy in 336 adult spinal deformity patients. <i>Neurosurgical Focus</i> , <b>2018</b> , 45, E11	4.2	14

77	Two-Year Results of the Prospective Spine Treatment Outcomes Study: Analysis of Postoperative Clinical Outcomes Between Patients with and without a History of Previous Cervical Spine Surgery. <i>World Neurosurgery</i> , <b>2018</b> , 109, e144-e149	2.1	8
76	Body mass index predicts risk of complications in lumbar spine surgery based on surgical invasiveness. <i>Spine Journal</i> , <b>2018</b> , 18, 1204-1210	4	30
75	Prospective multi-centric evaluation of upper cervical and infra-cervical sagittal compensatory alignment in patients with adult cervical deformity. <i>European Spine Journal</i> , <b>2018</b> , 27, 416-425	2.7	12
74	Analysis of Successful Versus Failed Radiographic Outcomes After Cervical Deformity Surgery. <i>Spine</i> , <b>2018</b> , 43, E773-E781	3.3	23
73	Declining usage of rhBMP-2 in lumbar fusions for adult spinal deformity since 2008. <i>Journal of Clinical Neuroscience</i> , <b>2018</b> , 47, 62-65	2.2	1
72	Primary Drivers of Adult Cervical Deformity: Prevalence, Variations in Presentation, and Effect of Surgical Treatment Strategies on Early Postoperative Alignment. <i>Neurosurgery</i> , <b>2018</b> , 83, 651-659	3.2	17
71	Psoas Morphology Differs between Supine and Sitting Magnetic Resonance Imaging Lumbar Spine: Implications for Lateral Lumbar Interbody Fusion. <i>Asian Spine Journal</i> , <b>2018</b> , 12, 29-36	2.8	13
70	Patient Profiling Can Identify Spondylolisthesis Patients at Risk for Conversion from Nonoperative to Operative Treatment. <i>JBS Open Access</i> , <b>2018</b> , 3, e0051	3.1	1
69	Baseline mental status predicts happy patients after operative or non-operative treatment of adult spinal deformity. <i>Journal of Spine Surgery</i> , <b>2018</b> , 4, 687-695	2.5	8
68	Differences in primary and revision deformity surgeries: following 1,063 primary thoracolumbar adult spinal deformity fusions over time. <i>Journal of Spine Surgery</i> , <b>2018</b> , 4, 203-210	2.5	5
67	Fatty Infiltration of Cervical Spine Extensor Musculature: Is there a Relationship With Cervical Sagittal Balance?. <i>Clinical Spine Surgery</i> , <b>2018</b> , 31, 428-434	1.8	12
66	Cervical Versus Thoracolumbar Spinal Deformities: A Comparison of Baseline Quality-of-Life Burden. <i>Clinical Spine Surgery</i> , <b>2018</b> , 31, 413-419	1.8	3
65	Prior bariatric surgery lowers complication rates following spine surgery in obese patients. <i>Acta Neurochirurgica</i> , <b>2018</b> , 160, 2459-2465	3	14
64	Developments in the treatment of Chiari type 1 malformations over the past decade. <i>Journal of Spine Surgery</i> , <b>2018</b> , 4, 45-54	2.5	12
63	The Influence of Body Mass Index on Achieving Age-Adjusted Alignment Goals in Adult Spinal Deformity Corrective Surgery with Full-Body Analysis at 1 Year. <i>World Neurosurgery</i> , <b>2018</b> , 120, e533-e545	2.1	13
62	Chiari malformation clusters describe differing presence of concurrent anomalies based on Chiari type. <i>Journal of Clinical Neuroscience</i> , <b>2018</b> , 58, 165-171	2.2	10
61	Analysis of Cervical Spine Injuries in Elderly Patients from 2001 to 2010 Using a Nationwide Database: Increasing Incidence, Overall Mortality, and Inpatient Hospital Charges. <i>World Neurosurgery</i> , <b>2018</b> , 120, e114-e130	2.1	16
60	Outcomes of Operative Treatment for Adult Cervical Deformity: A Prospective Multicenter Assessment With 1-Year Follow-up. <i>Neurosurgery</i> , <b>2018</b> , 83, 1031-1039	3.2	23

59	Identifying Thoracic Compensation and Predicting Reciprocal Thoracic Kyphosis and Proximal Junctional Kyphosis in Adult Spinal Deformity Surgery. <i>Spine</i> , <b>2018</b> , 43, 1479-1486	3.3	20
58	Impact of Race and Insurance Status on Surgical Approach for Cervical Spondylotic Myelopathy in the United States: A Population-Based Analysis. <i>Spine</i> , <b>2017</b> , 42, 186-194	3.3	11
57	Bone morphogenetic protein in adult spinal deformity surgery: a meta-analysis. <i>European Spine Journal</i> , <b>2017</b> , 26, 2094-2102	2.7	21
56	Operative fusion of multilevel cervical spondylotic myelopathy: Impact of patient demographics. <i>Journal of Clinical Neuroscience</i> , <b>2017</b> , 39, 133-136	2.2	5
55	Outcomes of open staged corrective surgery in the setting of adult spinal deformity. <i>Spine Journal</i> , <b>2017</b> , 17, 1091-1099	4	18
54	Cervical spondylotic myelopathy: National trends in the treatment and peri-operative outcomes over 10years. <i>Journal of Clinical Neuroscience</i> , <b>2017</b> , 42, 75-80	2.2	22
53	Full-Body Analysis of Age-Adjusted Alignment in Adult Spinal Deformity Patients and Lower-Limb Compensation. <i>Spine</i> , <b>2017</b> , 42, 653-661	3.3	28
52	The impact of obesity on compensatory mechanisms in response to progressive sagittal malalignment. <i>Spine Journal</i> , <b>2017</b> , 17, 681-688	4	26
51	Radiological lumbar stenosis severity predicts worsening sagittal malalignment on full-body standing stereoradiographs. <i>Spine Journal</i> , <b>2017</b> , 17, 1601-1610	4	14
50	Comparative analysis of perioperative complications between a multicenter prospective cervical deformity database and the Nationwide Inpatient Sample database. <i>Spine Journal</i> , <b>2017</b> , 17, 1633-1640	4	25
49	Thoracolumbar Realignment Surgery Results in Simultaneous Reciprocal Changes in Lower Extremities and Cervical Spine. <i>Spine</i> , <b>2017</b> , 42, 799-807	3.3	17
48	Adult Scoliosis Deformity Surgery: Comparison of Outcomes Between One Versus Two Attending Surgeons. <i>Spine</i> , <b>2017</b> , 42, 992-998	3.3	12
47	Three-column osteotomy for correction of cervical and cervicothoracic deformities: alignment changes and early complications in a multicenter prospective series of 23 patients. <i>European Spine Journal</i> , <b>2017</b> , 26, 2128-2137	2.7	40
46	Trends in the presentation, surgical treatment, and outcomes of tethered cord syndrome: A nationwide study from 2001 to 2010. <i>Journal of Clinical Neuroscience</i> , <b>2017</b> , 41, 92-97	2.2	3
45	Adult Spinal Deformity: National Trends in the Presentation, Treatment, and Perioperative Outcomes From 2003 to 2010. <i>Spine Deformity</i> , <b>2017</b> , 5, 342-350	2	27
44	A novel index for quantifying the risk of early complications for patients undergoing cervical spine surgeries. <i>Journal of Neurosurgery: Spine</i> , <b>2017</b> , 27, 501-507	2.8	8
43	Incidence of perioperative medical complications and mortality among elderly patients undergoing surgery for spinal deformity: analysis of 3519 patients. <i>Journal of Neurosurgery: Spine</i> , <b>2017</b> , 27, 534-539	2.8	20
42	Spinal stereotactic body radiotherapy in the United States: A decade-long nationwide analysis of patient demographics, practice patterns, and trends over time. <i>Journal of Clinical Neuroscience</i> , <b>2017</b> , 46, 109-112	2.2	19

41	The Health Impact of Adult Cervical Deformity in Patients Presenting for Surgical Treatment: Comparison to United States Population Norms and Chronic Disease States Based on the EuroQol-5 Dimensions Questionnaire. <i>Neurosurgery</i> , <b>2017</b> , 80, 716-725	3.2	53
40	National Administrative Databases in Adult Spinal Deformity Surgery: A Cautionary Tale. <i>Spine</i> , <b>2017</b> , 42, 1248-1254	3.3	9
39	Despite worse baseline status depressed patients achieved outcomes similar to those in nondepressed patients after surgery for cervical deformity. <i>Neurosurgical Focus</i> , <b>2017</b> , 43, E10	4.2	10
38	Novel Angular Measures of Cervical Deformity Account for Upper Cervical Compensation and Sagittal Alignment. <i>Clinical Spine Surgery</i> , <b>2017</b> , 30, E959-E967	1.8	22
37	Predicting the Occurrence of Complications Following Corrective Cervical Deformity Surgery: Analysis of a Prospective Multicenter Database Using Predictive Analytics. <i>Spine Journal</i> , <b>2017</b> , 17, S242-S243	4.2	2
36	Principal Radiographic Characteristics for Cervical Spinal Deformity: A Health-related Quality-of-life Analysis. <i>Spine</i> , <b>2017</b> , 42, 1375-1382	3.3	24
35	Two-Year Results of the Prospective Spine Treatment Outcomes Study: An Analysis of Complication Rates, Predictors of Their Development, and Effect on Patient Derived Outcomes at 2 Years for Surgical Management of Cervical Spondylotic Myelopathy. <i>World Neurosurgery</i> , <b>2017</b> , 106, 247-253	2.1	8
34	Outpatient Anterior Cervical Discectomy and Fusion: An Analysis of Readmissions from the New Jersey State Ambulatory Services Database. <i>International Journal of Spine Surgery</i> , <b>2017</b> , 11, 3	1.4	15
33	Diabetes as an Independent Predictor for Extended Length of Hospital Stay and Increased Adverse Post-Operative Events in Patients Treated Surgically for Cervical Spondylotic Myelopathy. <i>International Journal of Spine Surgery</i> , <b>2017</b> , 11, 10	1.4	12
32	Inpatient versus Outpatient Anterior Cervical Discectomy and Fusion: A Perioperative Complication Analysis of 259,414 Patients From the Healthcare Cost and Utilization Project Databases. <i>International Journal of Spine Surgery</i> , <b>2017</b> , 11, 11	1.4	33
31	Risk Factors for Reoperation in Patients Treated Surgically for Degenerative Spondylolisthesis: A Subanalysis of the 8-year Data From the SPORT Trial. <i>Spine</i> , <b>2017</b> , 42, 1559-1569	3.3	26
30	Association between preoperative cervical sagittal deformity and inferior outcomes at 2-year follow-up in patients with adult thoracolumbar deformity: analysis of 182 patients. <i>Journal of Neurosurgery: Spine</i> , <b>2016</b> , 24, 108-15	2.8	32
29	A comparative analysis of the prevalence and characteristics of cervical malalignment in adults presenting with thoracolumbar spine deformity based on variations in treatment approach over 2 years. <i>European Spine Journal</i> , <b>2016</b> , 25, 2423-32	2.7	18
28	Predictive Model for Cervical Alignment and Malalignment Following Surgical Correction of Adult Spinal Deformity. <i>Spine</i> , <b>2016</b> , 41, E1096-E1103	3.3	20
27	Ratio of lumbar 3-column osteotomy closure: patient-specific deformity characteristics and level of resection impact correction of truncal versus pelvic compensation. <i>European Spine Journal</i> , <b>2016</b> , 25, 2480-7	2.7	9
26	Predictors of inpatient morbidity and mortality in adult spinal deformity surgery. <i>European Spine Journal</i> , <b>2016</b> , 25, 819-27	2.7	58
25	The benefit of nonoperative treatment for adult spinal deformity: identifying predictors for reaching a minimal clinically important difference. <i>Spine Journal</i> , <b>2016</b> , 16, 210-8	4	33
24	Reoperation rates in minimally invasive, hybrid and open surgical treatment for adult spinal deformity with minimum 2-year follow-up. <i>European Spine Journal</i> , <b>2016</b> , 25, 2605-11	2.7	37



23	Impact of a Bundled Payment System on Resource Utilization During Spine Surgery. <i>International Journal of Spine Surgery</i> , <b>2016</b> , 10, 19	1.4	23
22	Limitations of using population-based databases to assess trends in spinal stereotactic radiosurgery. <i>Journal of Radiosurgery and SBRT</i> , <b>2016</b> , 4, 177-180	0.4	3
21	Atlantoaxial Rotatory Fixed Dislocation: Report on a Series of 32 Pediatric Cases. <i>Spine</i> , <b>2016</b> , 41, E725-E732	3.3	18
20	Prospective Multicenter Assessment of Early Complication Rates Associated With Adult Cervical Deformity Surgery in 78 Patients. <i>Neurosurgery</i> , <b>2016</b> , 79, 378-88	3.2	68
19	Predicting Extended Length of Hospital Stay in an Adult Spinal Deformity Surgical Population. <i>Spine</i> , <b>2016</b> , 41, E798-E805	3.3	30
18	Predictors of Revision Surgical Procedure Excluding Wound Complications in Adult Spinal Deformity and Impact on Patient-Reported Outcomes and Satisfaction: A Two-Year Follow-up. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2016</b> , 98, 536-43	5.6	48
17	"Reverse Bohlman" technique for the treatment of high grade spondylolisthesis in an adult population. <i>Journal of Orthopaedics</i> , <b>2016</b> , 13, 1-9	1.6	7
16	Assessment of Surgical Treatment Strategies for Moderate to Severe Cervical Spinal Deformity Reveals Marked Variation in Approaches, Osteotomies, and Fusion Levels. <i>World Neurosurgery</i> , <b>2016</b> , 91, 228-37	2.1	54
15	Analysis of Early Distal Junctional Kyphosis (DJK) after Cervical Deformity Correction. <i>Spine Journal</i> , <b>2016</b> , 16, S355-S356	4	5
14	Outpatient anterior cervical discectomy and fusion: A meta-analysis. <i>Journal of Clinical Neuroscience</i> , <b>2016</b> , 34, 166-168	2.2	47
13	Magnitude of preoperative cervical lordotic compensation and C2-T3 angle are correlated to increased risk of postoperative sagittal spinal pelvic malalignment in adult thoracolumbar deformity patients at 2-year follow-up. <i>Spine Journal</i> , <b>2015</b> , 15, 1756-63	4	25
12	Predictors of pain and disability outcomes in one thousand, one hundred and eight patients who underwent lumbar discectomy surgery. <i>International Orthopaedics</i> , <b>2015</b> , 39, 2143-51	3.8	14
11	Cervical compensatory alignment changes following correction of adult thoracic deformity: a multicenter experience in 57 patients with a 2-year follow-up. <i>Journal of Neurosurgery: Spine</i> , <b>2015</b> , 22, 658-65	2.8	32
10	Selective versus nonselective thoracic fusion in Lenke 1C curves: a meta-analysis of baseline characteristics and postoperative outcomes. <i>Journal of Neurosurgery: Spine</i> , <b>2015</b> , 23, 721-30	2.8	15
9	Postoperative cervical deformity in 215 thoracolumbar patients with adult spinal deformity: prevalence, risk factors, and impact on patient-reported outcome and satisfaction at 2-year follow-up. <i>Spine</i> , <b>2015</b> , 40, 283-91	3.3	38
8	Predictors of morbidity and mortality among patients with cervical spondylotic myelopathy treated surgically. <i>European Spine Journal</i> , <b>2015</b> , 24, 2910-7	2.7	27
7	Risk Factors for Reoperation in Patients Treated Surgically for Intervertebral Disc Herniation: A Subanalysis of Eight-Year SPORT Data. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2015</b> , 97, 1316-25	5.6	62
6	Surgical Treatment Strategies for High-Grade Spondylolisthesis: A Systematic Review. <i>International Journal of Spine Surgery</i> , <b>2015</b> , 9, 50	1.4	23

5	A review of the diagnosis and treatment of atlantoaxial dislocations. <i>Global Spine Journal</i> , <b>2014</b> , 4, 197-210		80
4	Effectiveness of postoperative wound drains in one- and two-level cervical spine fusions. <i>International Journal of Spine Surgery</i> , <b>2014</b> , 8,	1.4	15
3	Combined ossification of the posterior longitudinal ligament at C2-3 and invagination of the posterior axis resulting in myelopathy. <i>European Spine Journal</i> , <b>2013</b> , 22 Suppl 3, S478-86	2.7	5
2	Relationship between the alignment of the occipitoaxial and subaxial cervical spine in patients with congenital atlantoaxial dislocations. <i>Journal of Spinal Disorders and Techniques</i> , <b>2013</b> , 26, 15-21		30
1	The reversibility of swan neck deformity in chronic atlantoaxial dislocations. <i>Spine</i> , <b>2013</b> , 38, E379-85	3.3	14