List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Upper instrumented vertebra–femoral angle and correlation with proximal junctional kyphosis in adult spinal deformity. Spine Deformity, 2022, 10, 449-455.	1.5	8
2	Revision Surgery for Adjacent Segment Degeneration After Fusion for Lumbar Spondylolisthesis. Spine, 2022, 47, E10-E15.	2.0	5
3	Single-cell transcriptome profiling reveals intra-tumoral heterogeneity in human chordomas. Cancer Immunology, Immunotherapy, 2022, 71, 2185-2195.	4.2	14
4	Treatment of Benign C2 Tumors with Transoral Curettage and Posterior Instrumentation with Minimum 2-Year Follow-Up: Technical Note. Neurology India, 2022, 70, 68.	0.4	0
5	Use of an exoscope for enhanced visualization of a Schwab grade 5 osteotomy to correct kyphotic deformity. Neurosurgical Focus Video, 2022, 6, V19.	0.3	1
6	Two- and three-year outcomes of minimally invasive and hybrid correction of adult spinal deformity. Journal of Neurosurgery: Spine, 2022, 36, 595-608.	1.7	10
7	Pearls and Pitfalls of Awake Spine Surgery: A Simplified Patient-Selection Algorithm. World Neurosurgery, 2022, 161, 154-155.	1.3	4
8	Management of Thoracic Disc Pathology via the Lateral Approach: Advances Using the Minimally Invasive Approach and Navigation. International Journal of Spine Surgery, 2022, 16, S44-S52.	1.5	1
9	Do social determinants of health impact access to neurosurgical care in the United States? A workforce perspective. Journal of Neurosurgery, 2022, 137, 867-876.	1.6	2
10	ls the Centers for Medicare and Medicaid Services Hierarchical Condition Category Risk Adjustment Model Satisfactory for Quantifying Risk After Spine Surgery?. Neurosurgery, 2022, 91, 123-131.	1.1	4
11	Realistic long-term dysphagia rates after anterior cervical discectomy with fusion: is there a correlation with postoperative sagittal alignment and lordosis at a minimum 2-year follow-up?. Journal of Neurosurgery: Spine, 2022, 37, 767-775.	1.7	0
12	Anterior Lumbar Interbody Fusion With Cage Retrieval for the Treatment of Pseudarthrosis After Transforaminal Lumbar Interbody Fusion: A Single-Institution Case Series. Operative Neurosurgery, 2021, 20, 164-173.	0.8	6
13	Prioritization of realignment associated with superior clinical outcomes for surgical cervical deformity patients. Journal of Craniovertebral Junction and Spine, 2021, 12, 311.	0.8	2
14	Smoking Is an Independent Risk Factor for 90-Day Readmission and Reoperation Following Posterior Cervical Decompression and Fusion. Neurosurgery, 2021, 88, 1088-1094.	1.1	10
15	Commentary: Safety of Early Mobilization in Patients With Intraoperative Cerebrospinal Fluid Leak in Minimally Invasive Spine Surgery: A Case Series. Operative Neurosurgery, 2021, 21, E1-E2.	0.8	0
16	Revision Surgery Rates After Minimally Invasive Adult Spinal Deformity Surgery: Correlation with Roussouly Spine Type at 2-Year Follow-Up?. World Neurosurgery, 2021, 148, e482-e487.	1.3	1
17	The minimally invasive interbody selection algorithm for spinal deformity. Journal of Neurosurgery: Spine, 2021, 34, 741-748.	1.7	13
18	The Preoperative Cross-sectional Area of the Deep Cervical Extensor Muscles Does Not Predict Loss of Lordosis After Cervical Laminoplasty. Clinical Spine Surgery, 2021, Publish Ahead of Print, .	1.3	2

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19	The Effect of Anterior Cervical Discectomy and Fusion on Cervical Sagittal Vertical Axis and Lordosis with Minimum 2-Year Follow-Up. World Neurosurgery, 2021, 150, e727-e734.	1.3	2
20	Commentary: Impact of Opioid Prescribing Guidelines on Postoperative Opioid Prescriptions Following Elective Spine Surgery: Results From an Institutional Quality Improvement Initiative. Neurosurgery, 2021, 89, E149-E150.	1.1	0
21	Commentary: Expandable Cage Technology—Transforaminal, Anterior, and Lateral Lumbar Interbody Fusion. Operative Neurosurgery, 2021, 21, S83-S84.	0.8	1
22	Telemedicine in Neurosurgery: Standardizing the Spinal Physical Examination Using A Modified Delphi Method. Neurospine, 2021, 18, 292-302.	2.9	9
23	Present and Future Spinal Robotic and Enabling Technologies. Operative Neurosurgery, 2021, 21, S48-S56.	0.8	9
24	Commentary: Disruptive Technology in Spine Surgery and Education: Virtual and Augmented Reality. Operative Neurosurgery, 2021, 21, E161-E162.	0.8	1
25	Symptomatic contralateral osteophyte fracture with migration causing lumbar plexopathy during oblique lumbar interbody fusion: illustrative case. Journal of Neurosurgery Case Lessons, 2021, 2, .	0.3	0
26	Oblique Lumbar Interbody Fusion From L2 to S1: 2-Dimensional Operative Video. Operative Neurosurgery, 2021, 21, E438.	0.8	1
27	Oncology and Spinal Neurosurgeons Performing Resections of Intramedullary Ependymomas Compared with Single Neurosurgeons: A 13-Year Experience at a Single Institution. World Neurosurgery, 2021, 152, e212-e219.	1.3	1
28	Commentary on "Modified Global Alignment and Proportion Scoring With Body Mass Index and Bone Mineral Density Analysis in Global Alignment and Proportion Score of Each 3 Categories for Predicting Mechanical Complications After Adult Spinal Deformity Surgery― Neurospine, 2021, 18, 492-494.	2.9	0
29	Prioritization of Realignment Associated With Superior Clinical Outcomes for Cervical Deformity Patients. Neurospine, 2021, 18, 506-514.	2.9	8
30	Does reduction of the Meyerding grade correlate with outcomes in patients undergoing decompression and fusion for grade I degenerative lumbar spondylolisthesis?. Journal of Neurosurgery: Spine, 2021, , 1-8.	1.7	5
31	Single versus dual operative spine fractures in ankylosing spondylitis. Neurosurgical Focus, 2021, 51, E6.	2.3	1
32	Does transforaminal lumbar interbody fusion induce lordosis or kyphosis? Radiographic evaluation with a minimum 2-year follow-up. Journal of Neurosurgery: Spine, 2021, 35, 419-426.	1.7	17
33	Anterior Cervical Discectomy With Fusion and Plating for Correction of Degenerative Cervical Kyphosis: 2-Dimensional Operative Video. Operative Neurosurgery, 2021, 20, E214-E214.	0.8	4
34	Microsurgical Anterior Controllable Antedisplacement Fusion to Treat Cervical Ossified Posterior Longitudinal Ligament: 2-Dimensional Operative Video. Operative Neurosurgery, 2021, 20, E221-E221.	0.8	2
35	Commentary: Emerging Technologies in Spinal Surgery: Ultra-Low Radiation Imaging Platforms. Operative Neurosurgery, 2021, 21, S46-S47.	0.8	0
36	A Safe and Effective Posterior Intra-Articular Distraction Technique to Treat Congenital Atlantoaxial Dislocation Associated With Basilar Invagination: Case Series and Technical Nuances. Operative Neurosurgery, 2021, 20, 334-342.	0.8	14

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37	Intradural view of the spinal cord and dura after three-column osteotomy: illustrative case. Journal of Neurosurgery Case Lessons, 2021, 2, .	0.3	0
38	Awake spinal surgery: simplifying the learning curve with a patient selection algorithm. Neurosurgical Focus, 2021, 51, E2.	2.3	19
39	The MISDEF2 algorithm: an updated algorithm for patient selection in minimally invasive deformity surgery. Journal of Neurosurgery: Spine, 2020, 32, 221-228.	1.7	49
40	Commentary: Metastatic Spine Disease: Should Patients With Short Life Expectancy Be Denied Surgical Care? An International Retrospective Cohort Study. Neurosurgery, 2020, 87, E112-E112.	1.1	0
41	Characterizing the fusion order and level-specific rates of arthrodesis in 3-level anterior cervical discectomy and fusion: A radiographic study. Journal of Clinical Neuroscience, 2020, 81, 328-333.	1.5	8
42	State of the art advances in minimally invasive surgery for adult spinal deformity. Spine Deformity, 2020, 8, 1143-1158.	1.5	10
43	Anterior Lumbar Interbody Fusion (ALIF): Technique Video: 2-Dimensional Operative Video. Operative Neurosurgery, 2020, 19, E404-E404.	0.8	2
44	Extradural thoracic meningeal cyst without spinal dysraphism causing adulthood myelopathy: Case illustration and review of the literature. Journal of Clinical Neuroscience, 2020, 78, 433-438.	1.5	2
45	Diagnostic Challenges in Primary Sacral Tumors and the Yield of Computed Tomography-Guided Needle Biopsy in the Modern Era. World Neurosurgery, 2020, 138, e806-e818.	1.3	5
46	Crossing the Cervicothoracic Junction During Posterior Cervical Fusion for Myelopathy Is Associated With Superior Radiographic Parameters But Similar Clinical Outcomes. Neurosurgery, 2020, 87, 1016-1024.	1.1	13
47	Open Door Laminoplasty – Hinge Creation and Fracture Avoidance: 2-Dimensional Operative Video. Operative Neurosurgery, 2020, 19, E419-E419.	0.8	2
48	Minimally Invasive Spinal Deformity Surgery: Analysis of Patients Who Fail to Reach Minimal Clinically Important Difference. World Neurosurgery, 2020, 137, e499-e505.	1.3	4
49	Commentary: Retrospective Review of Immediate Restoration of Lordosis in Single-Level Minimally Invasive Transforaminal Lumbar Interbody Fusion: A Comparison of Static and Expandable Interbody Cages. Operative Neurosurgery, 2020, 18, E153-E154.	0.8	2
50	Complications following posterior cervical decompression and fusion: a review of incidence, risk factors, and prevention strategies. Journal of Spine Surgery, 2020, 6, 323-333.	1.2	48
51	Applicability of cervical sagittal vertical axis, cervical lordosis, and T1 slope on pain and disability outcomes after anterior cervical discectomy and fusion in patients without deformity. Journal of Neurosurgery: Spine, 2020, 32, 23-30.	1.7	15
52	Risk factors for deep surgical site infection following thoracolumbar spinal surgery. Journal of Neurosurgery: Spine, 2020, 32, 292-301.	1.7	61
53	Anterior cervical discectomy and fusion performed using structural allograft or polyetheretherketone: pseudarthrosis and revision surgery rates with minimum 2-year follow-up. Journal of Neurosurgery: Spine, 2020, 32, 562-569.	1.7	21
54	The impact of obesity on perioperative complications in patients undergoing anterior lumbar interbody fusion. Journal of Neurosurgery: Spine, 2020, 33, 332-341.	1.7	16

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55	Lower Hounsfield units on CT are associated with cage subsidence after anterior cervical discectomy and fusion. Journal of Neurosurgery: Spine, 2020, 33, 425-432.	1.7	13
56	The association between lower Hounsfield units on computed tomography and cage subsidence after lateral lumbar interbody fusion. Neurosurgical Focus, 2020, 49, E8.	2.3	44
57	Does state malpractice environment affect outcomes following spinal fusions? A robust statistical and machine learning analysis of 549,775 discharges following spinal fusion surgery in the United States. Neurosurgical Focus, 2020, 49, E18.	2.3	5
58	Navigated transoral odontoidectomy to treat congenital basilar invagination after failed posterior reduction and fusion. Neurosurgical Focus Video, 2020, 3, V8.	0.3	0
59	Posterior intra-articular distraction with cage placement to treat congenital atlantoaxial dislocation associated with basilar invagination. Neurosurgical Focus Video, 2020, 3, V2.	0.3	1
60	Recurrent non-canonical histone H3 mutations in spinal cord diffuse gliomas. Acta Neuropathologica, 2019, 138, 877-881.	7.7	21
61	Minimally Invasive Surgery for Mild-to-Moderate Adult Spinal Deformities: Impact on Intensive Care Unit and Hospital Stay. World Neurosurgery, 2019, 127, e649-e655.	1.3	16
62	The Anatomic Characteristics of the Retroperitoneal Oblique Corridor to the L1-S1 Intervertebral Disc Spaces. Spine, 2019, 44, E697-E706.	2.0	16
63	Chlorhexidine Showers are Associated With a Reduction in Surgical Site Infection Following Spine Surgery: An Analysis of 4266 Consecutive Surgeries. Neurosurgery, 2019, 85, 817-826.	1.1	22
64	Outcomes of Posterior Thoracic Corpectomies for Metastatic Spine Tumors: An Analysis of 90 Patients. World Neurosurgery, 2019, 123, e371-e378.	1.3	13
65	Intramedullary and Extramedullary Thoracic Spinal Lipomas Without Spinal Dysraphism: Clinical Presentation and Surgical Management. World Neurosurgery, 2019, 121, 156-159.	1.3	8
66	Preoperative Narcotic Use, Impaired Ambulation Status, and Increased Intraoperative Blood Loss Are Independent Risk Factors for Complications Following Posterior Cervical Laminectomy and Fusion Surgery. Neurospine, 2019, 16, 548-557.	2.9	7
67	How Should We Consider New Theories of Chiari Malformation Pathogenesis?. Neurospine, 2019, 16, 219-220.	2.9	1
68	Posterior revision surgery using an intraarticular distraction technique with cage grafting to treat atlantoaxial dislocation associated with basilar invagination. Journal of Neurosurgery: Spine, 2019, 31, 525-533.	1.7	11
69	Risk factors for deep surgical site infection following thoracolumbar spinal surgery. Journal of Neurosurgery: Spine, 2019, 32, 292-301.	1.7	9
70	Curve Laterality for Lateral Lumbar Interbody Fusion in Adult Scoliosis Surgery: The Concave Versus Convex Controversy. Neurosurgery, 2018, 83, 1219-1225.	1.1	8
71	Spinal Sclerosing Epithelioid Fibrosarcoma at the Cervicothoracic Junction. World Neurosurgery, 2018, 114, 155-160.	1.3	6
72	Comparative analysis of 3 surgical strategies for adult spinal deformity with mild to moderate sagittal imbalance. Journal of Neurosurgery: Spine, 2018, 28, 40-49.	1.7	63

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73	Two-Stage En Bloc Resection of Multilevel Cervical Chordomas With Vertebral Artery Preservation: Operative Technique. Operative Neurosurgery, 2018, 14, 538-545.	0.8	13
74	Influence of Postoperative O-C2 Angle on the Development of Dysphagia After Occipitocervical Fusion Surgery: Results from a Retrospective Analysis and Prospective Validation. World Neurosurgery, 2018, 116, e595-e601.	1.3	17
75	Lateral Prepsoas (Oblique) Approach Nuances. Neurosurgery Clinics of North America, 2018, 29, 419-426.	1.7	7
76	Prepsoas oblique lateral lumbar interbody fusion in deformity surgery. Annals of Translational Medicine, 2018, 6, 108-108.	1.7	4
77	Comparison of Patient Outcomes and Cost of Overlapping Versus Nonoverlapping Spine Surgery. World Neurosurgery, 2017, 100, 658-664.e8.	1.3	43
78	Minimally invasive instrumentation without fusion during posterior thoracic corpectomies: a comparison of percutaneously instrumented nonfused segments with open instrumented fused segments. Journal of Neurosurgery: Spine, 2017, 27, 35-41.	1.7	6
79	The Accuracy of Multimodality Intraoperative Neuromonitoring to Predict Postoperative Neurologic Deficits Following Cervical Laminoplasty. World Neurosurgery, 2017, 106, 17-25.	1.3	27
80	Laminoplasty versus laminectomy with posterior spinal fusion for multilevel cervical spondylotic myelopathy: influence of cervical alignment on outcomes. Journal of Neurosurgery: Spine, 2017, 27, 508-517.	1.7	88
81	Mini-open spinal column shortening for the treatment of adult tethered cord syndrome. Journal of Clinical Neuroscience, 2017, 44, 315-319.	1.5	5
82	Complication rates associated with open versus percutaneous pedicle screw instrumentation among patients undergoing minimally invasive interbody fusion for adult spinal deformity. Neurosurgical Focus, 2017, 43, E7.	2.3	34
83	Sexual function after cervical spine surgery: Independent predictors of functional impairment. Journal of Clinical Neuroscience, 2017, 36, 94-101.	1.5	5
84	Economic Impact of Revision Surgery for Proximal Junctional Failure After Adult Spinal Deformity Surgery. Spine, 2016, 41, E964-E972.	2.0	42
85	Multilevel Corpectomy With Anterior Column Reconstruction and Plating for Subaxial Cervical Osteomyelitis. Spine, 2016, 41, E1088-E1095.	2.0	14
86	A Systematic Review of Clinical Outcomes and Prognostic Factors for Patients Undergoing Surgery for Spinal Metastases Secondary to Breast Cancer. Global Spine Journal, 2016, 6, 482-496.	2.3	39
87	Comparative Sensitivity of Intraoperative Motor Evoked Potential Monitoring in Predicting Postoperative Neurologic Deficits: Nondegenerative versus Degenerative Myelopathy. Global Spine Journal, 2016, 6, 452-458.	2.3	10
88	Postoperative Cerebrospinal Fluid Leak Rates with Subfascial Epidural Drain Placement after Intentional Durotomy in Spine Surgery. Global Spine Journal, 2016, 6, 780-785.	2.3	11
89	Emerging and established clinical, histopathological and molecular parametric prognostic factors for metastatic spine disease secondary to lung cancer: Helping surgeons make decisions. Journal of Clinical Neuroscience, 2016, 34, 15-22.	1.5	24
90	Spinal column chordoma: prognostic significance of clinical variables andT (brachyury) gene SNP rs2305089 for local recurrence and overall survival. Neuro-Oncology, 2016, 19, now156.	1.2	27

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91	Results of Spinal Fusion After Spinal Nerve Sheath Tumor Resection. World Neurosurgery, 2016, 90, 6-13.	1.3	15
92	Osteosarcoma of the spine: prognostic variables for local recurrence and overall survival, a multicenter ambispective study. Journal of Neurosurgery: Spine, 2016, 25, 59-68.	1.7	70
93	Mobile spine chordoma: results of 166 patients from the AOSpine Knowledge Forum Tumor database. Journal of Neurosurgery: Spine, 2016, 24, 644-651.	1.7	87
94	Two-level corpectomy versus three-level discectomy for cervical spondylotic myelopathy: a comparison of perioperative, radiographic, and clinical outcomes. Journal of Neurosurgery: Spine, 2015, 23, 280-289.	1.7	62
95	Long-term outcomes in primary spinal osteochondroma: a multicenter study of 27 patients. Journal of Neurosurgery: Spine, 2015, 22, 582-588.	1.7	41
96	Posterior thoracic corpectomy with cage reconstruction for metastatic spinal tumors: comparing the mini-open approach to the open approach. Journal of Neurosurgery: Spine, 2015, 23, 217-227.	1.7	79
97	Comparison of minimally invasive transspinous and open approaches for thoracolumbar intradural-extramedullary spinal tumors. Neurosurgical Focus, 2015, 39, E12.	2.3	47
98	Comparison between C1–2 Fixation with and without Supplemental Posterior Wiring. Evidence-based Spine-care Journal, 2014, 05, 012-015.	0.9	6
99	Feasibility of the mini-open vertebral column resection for severe thoracic kyphosis. Journal of Clinical Neuroscience, 2014, 21, 841-845.	1.5	8
100	Minimally Invasive Extracavitary Transpedicular Corpectomy for the Management of Spinal Tumors. Neurosurgery Clinics of North America, 2014, 25, 305-315.	1.7	11
101	Holospinal epidural abscess. Journal of Clinical Neuroscience, 2014, 21, 517-520.	1.5	16
102	A Novel Scientific Model for Rare and Often Neglected Neoplastic Conditions. Evidence-based Spine-care Journal, 2013, 04, 160-162.	0.9	6
103	Pedicle subtraction osteotomies for the correction of post-traumatic thoracolumbar kyphosis. Journal of Clinical Neuroscience, 2010, 17, 113-117.	1.5	12
104	Parasagittal osteotomy for en bloc resection of multilevel cervical chordomas. Journal of Neurosurgery: Spine, 2009, 10, 397-403.	1.7	25
105	Trap-door rib-head osteotomies for posterior placement of expandable cages after transpedicular corpectomy: an alternative to lateral extracavitary and costotransversectomy approaches. Journal of Neurosurgery: Spine, 2009, 10, 40-45.	1.7	34
106	Rib head disarticulation for multilevel transpedicular thoracic corpectomies and expandable cage reconstruction. Neurology India, 2009, 57, 469.	0.4	9
107	Two-level en bloc spondylectomy for osteosarcoma at the cervicothoracic junction. Journal of Clinical Neuroscience, 2009, 16, 698-700.	1.5	2
108	Transpedicular corpectomy with posterior expandable cage placement for L1 burst fracture. Journal of Clinical Neuroscience, 2009, 16, 1069-1072.	1.5	25

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109	Adjacent-level vertebral body fractures after expandable cage reconstruction. Journal of Neurosurgery: Spine, 2008, 8, 584-588.	1.7	38
110	Spontaneous regression of a discal cyst. Journal of Neurosurgery: Spine, 2007, 6, 81-84.	1.7	52