

# Nicholas Theodore

## List of Publications by Year in descending order

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268  
papers

9,026  
citations

34105

52  
h-index

60623

81  
g-index

273  
all docs

273  
docs citations

273  
times ranked

7359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the Management of Acute Cervical Spine and Spinal Cord Injuries. <i>Neurosurgery</i> , 2013, 60, 82-91.	1.1	466
2	2016 Infectious Diseases Society of America (IDSA) Clinical Practice Guideline for the Treatment of Coccidioidomycosis. <i>Clinical Infectious Diseases</i> , 2016, 63, e112-e146.	5.8	399
3	Pharmacological Therapy for Acute Spinal Cord Injury. <i>Neurosurgery</i> , 2013, 72, 93-105.	1.1	329
4	The Acute Cardiopulmonary Management of Patients With Cervical Spinal Cord Injuries. <i>Neurosurgery</i> , 2013, 72, 84-92.	1.1	243
5	A Phase I/IIa Clinical Trial of a Recombinant Rho Protein Antagonist in Acute Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 787-796.	3.4	236
6	Blood supply and vascular reactivity of the spinal cord under normal and pathological conditions. <i>Journal of Neurosurgery: Spine</i> , 2011, 15, 238-251.	1.7	180
7	Degenerative Cervical Spondylosis. <i>New England Journal of Medicine</i> , 2020, 383, 159-168.	27.0	127
8	Prehospital Cervical Spinal Immobilization After Trauma. <i>Neurosurgery</i> , 2013, 72, 22-34.	1.1	125
9	Survivors of occipitoatlantal dislocation injuries: imaging and clinical correlates. <i>Journal of Neurosurgery: Spine</i> , 2007, 6, 113-120.	1.7	120
10	Pediatric cervical spine injuries: report of 102 cases and review of the literature. <i>Journal of Neurosurgery: Spine</i> , 2000, 92, 12-17.	1.7	118
11	Dysphagia After Anterior Cervical Spine Surgery: Incidence and Risk Factors. <i>World Neurosurgery</i> , 2012, 77, 183-187.	1.3	114
12	Atlas Fractures. <i>Neurosurgery</i> , 2010, 66, A60-A67.	1.1	110
13	Accuracy of Current Techniques for Placement of Pedicle Screws in the Spine: A Comprehensive Systematic Review and Meta-Analysis of 51,161 Screws. <i>World Neurosurgery</i> , 2019, 126, 664-678.e3.	1.3	104
14	Initial Closed Reduction of Cervical Spinal Fracture-Dislocation Injuries. <i>Neurosurgery</i> , 2013, 72, 73-83.	1.1	101
15	Management of Isolated Fractures of the Axis in Adults. <i>Neurosurgery</i> , 2013, 72, 132-150.	1.1	93
16	Unilateral posterior atlantoaxial transarticular screw fixation. <i>Journal of Neurosurgery</i> , 1997, 87, 851-855.	1.6	90
17	Closure of long surgical incisions with a new formulation of 2-octylcyanoacrylate tissue adhesive versus commercially available methods. <i>American Journal of Surgery</i> , 2004, 188, 307-313.	1.8	90
18	Genetics of the Degenerated Intervertebral Disc. <i>World Neurosurgery</i> , 2012, 77, 491-501.	1.3	90

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19	First Human Implantation of a Bioresorbable Polymer Scaffold for Acute Traumatic Spinal Cord Injury. <i>Neurosurgery</i> , 2016, 79, E305-E312.	1.1	90
20	Executive Summary: 2016 Infectious Diseases Society of America (IDSA) Clinical Practice Guideline for the Treatment of Coccidioidomycosis. <i>Clinical Infectious Diseases</i> , 2016, 63, 717-722.	5.8	87
21	Working area, safety zones, and angles of approach for posterior C-1 lateral mass screw placement: a quantitative anatomical and morphometric evaluation. <i>Journal of Neurosurgery: Spine</i> , 2007, 6, 247-254.	1.7	86
22	Intraoperative Iso-C C-arm Navigation in Cervical Spinal Surgery. <i>Spine</i> , 2004, 29, 2856-2860.	2.0	85
23	The frequency and clinical significance of congenital defects of the posterior and anterior arch of the atlas. <i>Journal of Neurosurgery: Spine</i> , 2007, 7, 399-402.	1.7	85
24	Management of Pediatric Cervical Spine and Spinal Cord Injuries. <i>Neurosurgery</i> , 2013, 72, 205-226.	1.1	85
25	Impact of COVID-19 on an Academic Neurosurgery Department: The Johns Hopkins Experience. <i>World Neurosurgery</i> , 2020, 139, e877-e884.	1.3	85
26	Augmented reality-assisted pedicle screw insertion: a cadaveric proof-of-concept study. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 139-146.	1.7	85
27	Management of Isolated Fractures of the Atlas in Adults. <i>Neurosurgery</i> , 2013, 72, 127-131.	1.1	84
28	The Diagnosis and Management of Traumatic Atlanto-occipital Dislocation Injuries. <i>Neurosurgery</i> , 2013, 72, 114-126.	1.1	83
29	Genetic Alterations in Intervertebral Disc Disease. <i>Frontiers in Surgery</i> , 2016, 3, 59.	1.4	81
30	THE UTILITY OF ONYX FOR PREOPERATIVE EMBOLIZATION OF CRANIAL AND SPINAL TUMORS. <i>Neurosurgery</i> , 2008, 62, 1204-1212.	1.1	79
31	Microsurgical management of spinal schwannomas: evaluation of 128 cases. <i>Journal of Neurosurgery: Spine</i> , 2008, 9, 40-47.	1.7	78
32	Radiographic Assessment. <i>Neurosurgery</i> , 2013, 72, 54-72.	1.1	78
33	The microanatomy of spinal cord injury: A review. <i>Clinical Anatomy</i> , 2015, 28, 27-36.	2.7	78
34	SAFETY AND ACCURACY OF BEDSIDE EXTERNAL VENTRICULAR DRAIN PLACEMENT. <i>Operative Neurosurgery</i> , 2008, 63, ONS162-ONS167.	0.8	77
35	Management of Acute Traumatic Central Cord Syndrome (ATCCS). <i>Neurosurgery</i> , 2013, 72, 195-204.	1.1	77
36	Biomechanical Contribution of the Rib Cage to Thoracic Stability. <i>Spine</i> , 2011, 36, E1686-E1693.	2.0	73

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37	Analysis of demographics, risk factors, clinical presentation, and surgical treatment modalities for the ossified posterior longitudinal ligament. <i>Neurosurgical Focus</i> , 2011, 30, E11.	2.3	71
38	Spinal Cord Injury Without Radiographic Abnormality (SCIWORA). <i>Neurosurgery</i> , 2013, 72, 227-233.	1.1	70
39	Complications of halo fixation in the elderly. <i>Journal of Neurosurgery: Spine</i> , 2006, 5, 46-49.	1.7	69
40	Four-Level Anterior Cervical Discectomy and Fusion With Plate Fixation. <i>Neurosurgery</i> , 2010, 66, 639-647.	1.1	69
41	Craniocervical arterial dissections as sequelae of chiropractic manipulation: patterns of injury and management. <i>Journal of Neurosurgery</i> , 2011, 115, 1197-1205.	1.6	68
42	Management of Vertebral Artery Injuries Following Non-Penetrating Cervical Trauma. <i>Neurosurgery</i> , 2013, 72, 234-243.	1.1	68
43	Deep Venous Thrombosis and Thromboembolism in Patients With Cervical Spinal Cord Injuries. <i>Neurosurgery</i> , 2013, 72, 244-254.	1.1	68
44	Subaxial Cervical Spine Injury Classification Systems. <i>Neurosurgery</i> , 2013, 72, 170-186.	1.1	66
45	Treatment of Subaxial Cervical Spinal Injuries. <i>Neurosurgery</i> , 2013, 72, 187-194.	1.1	65
46	Spinal cord traction, vascular compromise, hypoxia, and metabolic derangements in the pathophysiology of tethered cord syndrome. <i>Neurosurgical Focus</i> , 2010, 29, E9.	2.3	63
47	Biomechanical advantage of the index-level pedicle screw in unstable thoracolumbar junction fractures. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 192-197.	1.7	63
48	Clinical Assessment Following Acute Cervical Spinal Cord Injury. <i>Neurosurgery</i> , 2013, 72, 40-53.	1.1	63
49	Os Odontoideum. <i>Neurosurgery</i> , 2013, 72, 159-169.	1.1	63
50	Pediatric spine and spinal cord trauma. <i>Child's Nervous System</i> , 1999, 15, 743-750.	1.1	62
51	Adjacent Level Degeneration After Anterior Cervical Fusion: A Clinical Review. <i>Neurosurgery Clinics of North America</i> , 2005, 16, 575-587.	1.7	62
52	Revision lumbar surgery in elderly patients with symptomatic pseudarthrosis, adjacent-segment disease, or same-level recurrent stenosis. Part 1. Two-year outcomes and clinical efficacy. <i>Journal of Neurosurgery: Spine</i> , 2013, 18, 139-146.	1.7	54
53	Cerebrospinal Fluid Drainage and Induced Hypertension Improve Spinal Cord Perfusion After Acute Spinal Cord Injury in Pigs. <i>Neurosurgery</i> , 2015, 76, 461-469.	1.1	54
54	Pediatric cervical spine injuries: a comprehensive review. <i>Child's Nervous System</i> , 2011, 27, 705-717.	1.1	53

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55	Computed Tomographic Angiography for the Evaluation of Aneurysmal Subarachnoid Hemorrhage. Academic Emergency Medicine, 2006, 13, 486-492.	1.8	51
56	National Football League Head, Neck and Spine Committee's Concussion Diagnosis and Management Protocol: 2017-18 season. British Journal of Sports Medicine, 2018, 52, 894-902.	6.7	51
57	Pediatric subaxial cervical spine injuries: origins, management, and outcome in 51 patients. Neurosurgical Focus, 2006, 20, 1-7.	2.3	50
58	Clinical and molecular analysis of disseminated hemangioblastomatosis of the central nervous system in patients without von Hippel-Lindau disease. Journal of Neurosurgery, 2002, 96, 775-787.	1.6	49
59	Health care burden of cervical spine fractures in the United States: analysis of a nationwide database over a 10-year period. Journal of Neurosurgery: Spine, 2010, 13, 61-66.	1.7	48
60	Triple anterior screw fixation of an acute combination atlas-axis fracture. Journal of Neurosurgery, 1997, 87, 96-99.	1.6	47
61	Surgical management and outcome of schwannomas in the craniocervical region. Journal of Neurosurgery, 2011, 114, 1257-1267.	1.6	47
62	Robotic Spine Surgery: Current State in Minimally Invasive Surgery. Global Spine Journal, 2020, 10, 34S-40S.	2.3	47
63	Management of Acute Combination Fractures of the Atlas and Axis in Adults. Neurosurgery, 2013, 72, 151-158.	1.1	45
64	Cervical magnetic resonance imaging abnormalities not predictive of cervical spine instability in traumatically injured patients. Journal of Neurosurgery: Spine, 2004, 1, 39-42.	1.7	44
65	Biomechanical Effects of Laminoplasty Versus Laminectomy. Spine, 2009, 34, E573-E578.	2.0	44
66	Occipital Condyle Fractures. Neurosurgery, 2013, 72, 106-113.	1.1	44
67	Pedicle screw accuracy assessment in ExcelsiusGPS® robotic spine surgery: evaluation of deviation from pre-planned trajectory. Chinese Neurosurgical Journal, 2018, 4, 23.	0.9	44
68	Robot-Assisted versus Freehand Instrumentation in Short-Segment Lumbar Fusion: Experience with Real-Time Image-Guided Spinal Robot. World Neurosurgery, 2020, 136, e635-e645.	1.3	44
69	Nutritional Support After Spinal Cord Injury. Neurosurgery, 2013, 72, 255-259.	1.1	43
70	Acute management of traumatic cervical spinal cord injury. Practical Neurology, 2015, 15, 266-272.	1.1	43
71	Extensive traumatic anterior skull base fractures with cerebrospinal fluid leak: classification and repair techniques using combined vascularized tissue flaps. Journal of Neurosurgery, 2016, 124, 647-656.	1.6	43
72	Evaluation of operative procedures for symptomatic outcome after decompression surgery for Chiari type I malformation. Journal of Clinical Neuroscience, 2012, 19, 1268-1272.	1.5	42

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73	Hyaluronic acid scaffold has a neuroprotective effect in hemisection spinal cord injury. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 114-124.	1.7	39
74	Thoracolumbar and sacral spinal injuries in children and adolescents: a review of 89 cases. <i>Journal of Neurosurgery: Pediatrics</i> , 2007, 106, 426-433.	1.3	38
75	Quantitative analysis of misplaced pedicle screws in the thoracic spine: how much pullout strength is lost?. <i>Journal of Neurosurgery: Spine</i> , 2010, 12, 503-508.	1.7	38
76	Transportation of Patients With Acute Traumatic Cervical Spine Injuries. <i>Neurosurgery</i> , 2013, 72, 35-39.	1.1	37
77	Technique: open lumbar decompression and fusion with the Excelsius GPS robot. <i>Neurosurgical Focus</i> , 2018, 45, V6.	2.3	37
78	Surgery and permanent 125 I seed paraspinal brachytherapy for malignant tumors with spinal cord compression. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 54, 505-513.	0.8	36
79	Incidence and pattern of direct blunt neurovascular injury associated with trauma to the skull base. <i>Journal of Neurosurgery</i> , 2007, 107, 364-369.	1.6	36
80	Placement of Percutaneous Thoracic Pedicle Screws Using NeuroNavigation. <i>World Neurosurgery</i> , 2010, 74, 606-610.	1.3	36
81	Computed tomography parameters for atlantooccipital dislocation in adult patients: the occipital condyleâ€C1 interval. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 535-545.	1.7	36
82	Biomechanics of thoracic short versus long fixation after 3-column injury. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 226-234.	1.7	35
83	Surgical anatomy and utility of pedicled vascularized tissue flaps for multilayered repair of skull base defects. <i>Journal of Neurosurgery</i> , 2016, 125, 419-430.	1.6	34
84	The role of therapeutic hypothermia in the management of acute spinal cord injury. <i>Clinical Neurology and Neurosurgery</i> , 2017, 154, 79-88.	1.4	34
85	Surgical efficacy of minimally invasive thoracic discectomy. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1708-1713.	1.5	33
86	Occipitocervical Fixation. <i>Neurosurgery</i> , 2016, 79, 549-560.	1.1	32
87	Endogenous stem cell proliferation induced by intravenous hedgehog agonist administration after contusion in the adult rat spinal cord. <i>Journal of Neurosurgery: Spine</i> , 2009, 10, 171-176.	1.7	31
88	Pediatric multilevel spine injuries: an institutional experience. <i>Child's Nervous System</i> , 2011, 27, 1095-1100.	1.1	31
89	The Role of microRNA Markers in the Diagnosis, Treatment, and Outcome Prediction of Spinal Cord Injury. <i>Frontiers in Surgery</i> , 2016, 3, 56.	1.4	29
90	New spinal robotic technologies. <i>Frontiers of Medicine</i> , 2019, 13, 723-729.	3.4	29

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91	Prediction calculator for nonroutine discharge and length of stay after spine surgery. <i>Spine Journal</i> , 2020, 20, 1154-1158.	1.3	29
92	Minimally Invasive Single-Position Lateral Interbody Fusion With Robotic Bilateral Percutaneous Pedicle Screw Fixation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 16, E121-E121.	0.8	28
93	Atlantoaxial stabilization with the use of C1-C3 lateral mass screw fixation. <i>Journal of Neurosurgery: Spine</i> , 2006, 5, 172-177.	1.7	27
94	Stem cell biology and its therapeutic applications in the setting of spinal cord injury. <i>Neurosurgical Focus</i> , 2008, 24, E20.	2.3	27
95	Prospective Comparison of Microsurgical, Tubular-Based Endoscopic, and Endoscopically Assisted Dissectomies: Clinical Effectiveness and Complications in Railway Workers. <i>World Neurosurgery</i> , 2016, 90, 273-280.	1.3	27
96	Ensuring navigation integrity using robotics in spine surgery. <i>Journal of Robotic Surgery</i> , 2020, 14, 177-183.	1.8	27
97	Epidemiology of Concussion in the National Football League, 2015-2019. <i>Sports Health</i> , 2021, 13, 423-430.	2.7	27
98	The effects of intrathecal hypotension on tissue perfusion and pathophysiological outcome after acute spinal cord injury. <i>Neurosurgical Focus</i> , 2008, 25, E12.	2.3	26
99	The role of obesity in the biomechanics and radiological changes of the spine: an in vitro study. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 615-623.	1.7	26
100	Biomechanical and Endplate Effects on Nutrient Transport in the Intervertebral Disc. <i>World Neurosurgery</i> , 2017, 99, 395-402.	1.3	26
101	Internal decompression of the acutely contused spinal cord: Differential effects of irrigation only versus biodegradable scaffold implantation. <i>Biomaterials</i> , 2018, 185, 284-300.	11.4	26
102	First spine surgery utilizing real-time image-guided robotic assistance. <i>Computer Assisted Surgery</i> , 2019, 24, 13-17.	1.3	26
103	Cervical Spine Injuries in Children: Attention to Radiographic Differences and Stability Compared to Those in the Adult Patient. <i>Seminars in Pediatric Neurology</i> , 2009, 16, 42-58.	2.0	25
104	A study of probable benefit of a bioresorbable polymer scaffold for safety and neurological recovery in patients with complete thoracic spinal cord injury: 6-month results from the INSPIRE study. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 808-817.	1.7	25
105	Three-dimensional assessment of robot-assisted pedicle screw placement accuracy and instrumentation reliability based on a preplanned trajectory. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 519-528.	1.7	25
106	Subdural hematoma from a Type I spinal arteriovenous malformation. <i>Journal of Neurosurgery: Spine</i> , 1999, 90, 255-257.	1.7	24
107	Transfacet screw placement for posterior fixation of C-7. <i>Journal of Neurosurgery: Spine</i> , 2008, 9, 200-206.	1.7	24
108	Augmented Reality in Spine Surgery: A Narrative Review. <i>HSS Journal</i> , 2021, 17, 351-358.	1.7	24

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109	Surgical management of coccidioidomycosis of the spine. <i>Journal of Neurosurgery: Spine</i> , 2011, 15, 441-446.	1.7	23
110	Biomechanical evaluation of a metal-on-metal cervical intervertebral disc prosthesis. <i>Spine Journal</i> , 2013, 13, 1640-1649.	1.3	23
111	Percutaneous Vertebroplasty for Thyroid Cancer Metastases to the Spine. <i>Thyroid</i> , 2010, 20, 555-560.	4.5	22
112	Comparative Analysis of Isocentric 3-dimensional C-arm Fluoroscopy and Biplanar Fluoroscopy for Anterior Screw Fixation in Odontoid Fractures. <i>Journal of Spinal Disorders and Techniques</i> , 2013, 26, 189-193.	1.9	22
113	Case report of an epidural cervical <i>Onchocerca lupi</i> infection in a 13-year-old boy. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 16, 217-221.	1.3	22
114	Comparison of CT versus MRI measurements of transverse atlantal ligament integrity in craniovertebral junction injuries. Part 1: A clinical study. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 897-902.	1.7	22
115	The efficacy and risks of preoperative embolization of spinal tumors. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 859-864.	3.3	22
116	Learning curves in robot-assisted spine surgery: a systematic review and proposal of application to residency curricula. <i>Neurosurgical Focus</i> , 2022, 52, E3.	2.3	22
117	Technique of thoracic pedicle screw fixation for trauma. <i>Operative Techniques in Neurosurgery</i> , 2004, 7, 22-30.	0.1	21
118	New Clinical-Pathological Classification of Intraspinal Injury Following Traumatic Acute Complete Thoracic Spinal Cord Injury. <i>Neurosurgery</i> , 2017, 64, 105-109.	1.1	21
119	Spinal Coccidioidomycosis: A Current Review of Diagnosis and Management. <i>World Neurosurgery</i> , 2017, 108, 69-75.	1.3	21
120	Systematic review and meta-analysis of the clinical utility of Enhanced Recovery After Surgery pathways in adult spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 325-347.	1.7	21
121	Avulsion Fracture of the Foramen Magnum Treated with Occiput-to-C1 Fusion: Technical Case Report. <i>Neurosurgery</i> , 2005, 57, E600-E600.	1.1	19
122	Neurosurgical implications of mannitol accumulation within a meningioma and its peritumoral region demonstrated by magnetic resonance spectroscopy. <i>Journal of Neurosurgery</i> , 2008, 108, 1010-1013.	1.6	19
123	Trajectory analysis and pullout strength of self-centering lumbar pedicle screws. <i>Journal of Neurosurgery: Spine</i> , 2009, 10, 486-491.	1.7	19
124	A prospective randomized double-blind controlled trial to evaluate the efficacy of an analgesic epidural paste following lumbar decompressive surgery. <i>Journal of Neurosurgery: Spine</i> , 1999, 90, 191-197.	1.7	18
125	Moving toward the petroclival region: a model for quantitative and anatomical analysis of tumor shift. <i>Journal of Neurosurgery</i> , 2007, 107, 797-804.	1.6	18
126	Manganese-Enhanced Magnetic Resonance Imaging in Experimental Spinal Cord Injury. <i>Neurosurgery</i> , 2010, 66, 131-136.	1.1	18



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127	Basilar artery thrombosis after reduction of cervical spondyloptosis: a cautionary report. <i>Journal of Neurosurgery: Spine</i> , 2012, 16, 492-496.	1.7	18
128	Time to recovery predicted by the severity of postoperative C5 palsy. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 191-199.	1.7	18
129	Endogenous stem cell proliferation after central nervous system injury: alternative therapeutic options. <i>Neurosurgical Focus</i> , 2005, 19, 1-6.	2.3	17
130	Segmental spinal dysgenesis: report of four cases and proposed management strategy. <i>Child's Nervous System</i> , 2007, 23, 359-364.	1.1	17
131	Endoscopic resection of intrathoracic tumors: experience with and long-term results for 26 patients. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 377-381.	1.7	17
132	Clinical Outcome After Vertebral Artery Injury Following Blunt Cervical Spine Trauma. <i>World Neurosurgery</i> , 2013, 80, 399-404.	1.3	17
133	Pharmacophysiology of bone and spinal fusion. <i>Spine Journal</i> , 2013, 13, 1359-1369.	1.3	17
134	Microsurgical anatomy of the arterial basket of the conus medullaris. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 672-676.	1.7	17
135	Cellular and paracellular transplants for spinal cord injury: a review of the literature. <i>Child's Nervous System</i> , 2011, 27, 237-243.	1.1	16
136	Delayed subarachnoid hemorrhage following failed odontoid screw fixation. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 715-718.	1.7	16
137	Facet Joint Fixation and Anterior, Direct Lateral, and Transforaminal Lumbar Interbody Fusions for Treatment of Degenerative Lumbar Disc Diseases: Retrospective Cohort Study of a New Minimally Invasive Technique. <i>World Neurosurgery</i> , 2018, 114, e959-e968.	1.3	16
138	Minimally invasive therapeutic ultrasound: Ultrasound-guided ultrasound ablation in neuro-oncology. <i>Ultrasonics</i> , 2020, 108, 106210.	3.9	16
139	The Legacy of Hephaestus: The First Craniotomy. <i>Neurosurgery</i> , 2010, 67, 881-884.	1.1	15
140	Pediatric occipitocervical fixation: radiographic criteria, surgical technique, and clinical outcomes based on experience of a single surgeon. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 452-462.	1.3	15
141	Diagnostic and therapeutic values of intraoperative electrophysiological neuromonitoring during resection of intradural extramedullary spinal tumors: a single-center retrospective cohort and meta-analysis. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 839-849.	1.7	15
142	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> , 2020, 140, e373-e380.	1.3	15
143	Ultrasound in Traumatic Spinal Cord Injury: A Wide-Open Field. <i>Neurosurgery</i> , 2021, 89, 372-382.	1.1	15
144	Subaxial cervical juxtafacet cysts: single institution surgical experience and literature review. <i>Acta Neurochirurgica</i> , 2013, 155, 299-308.	1.7	14

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145	Introduction: the rise of the robots in spinal surgery. <i>Neurosurgical Focus</i> , 2018, 45, Intro.	2.3	14
146	Minimally Invasive Transforaminal Interbody Fusion With Robotically Assisted Bilateral Pedicle Screw Fixation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 16, E86-E87.	0.8	14
147	Investigational growth factors utilized in animal models of spinal fusion: Systematic review. <i>World Journal of Orthopedics</i> , 2019, 10, 176-191.	1.8	14
148	Spinal Surgery: The Past Century and the Next. <i>Neurosurgery</i> , 2000, 46, 767-777.	1.1	13
149	Osteosarcoma of the Temporal Fossa with Hemorrhagic Presentation: Case Report. <i>Neurosurgery</i> , 2000, 47, 447-451.	1.1	13
150	Multimodality Management of Vertebral Artery Injury Sustained During Cervical or Craniocervical Surgery. <i>Operative Neurosurgery</i> , 2013, 73, ons271-ons282.	0.8	13
151	The Role of Bone Morphogenetic Proteins 2, 7, and 14 in Approaches for Intervertebral Disk Restoration. <i>World Neurosurgery</i> , 2015, 84, 871-873.	1.3	13
152	Biomechanics of transvertebral screw fixation in the thoracic spine: an in vitro study. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 187-192.	1.7	13
153	Spinal cord compression from traumatic anterior cervical pseudomeningoceles. <i>Journal of Neurosurgery: Spine</i> , 2006, 5, 254-258.	1.7	12
154	Cervical Spinal Cord Infarction After Cervical Spine Decompressive Surgery. <i>World Neurosurgery</i> , 2014, 81, 810-817.	1.3	12
155	Persistent Outpatient Hypertension Is Independently Associated with Spinal Cord Dysfunction and Imaging Characteristics of Spinal Cord Damage among Patients with Cervical Spondylosis. <i>World Neurosurgery</i> , 2015, 84, 351-357.	1.3	12
156	Known component 3D image reconstruction for improved intraoperative imaging in spine surgery: A clinical pilot study. <i>Medical Physics</i> , 2019, 46, 3483-3495.	3.0	12
157	Preoperative Clinical and Radiographic Variables Predict Postoperative C5 Palsy. <i>World Neurosurgery</i> , 2019, 127, e585-e592.	1.3	12
158	The effect of bioactive glasses on spinal fusion: A cross-disciplinary systematic review and meta-analysis of the preclinical and clinical data. <i>Journal of Clinical Neuroscience</i> , 2020, 78, 34-46.	1.5	12
159	Robotics in Spine Surgery and Spine Surgery Training. <i>Operative Neurosurgery</i> , 2021, 21, 35-40.	0.8	12
160	Pott Disease in a 13-Month-Old: Case Report. <i>Neurosurgery</i> , 2011, 68, E1485-E1490.	1.1	11
161	History of the current understanding and management of tethered spinal cord. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 78-87.	1.7	11
162	Biomechanical Effects of an Oblique Lumbar PEEK Cage and Posterior Augmentation. <i>World Neurosurgery</i> , 2019, 126, e975-e981.	1.3	11

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