

# Nicholas Theodore

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Implementation of an Automated Text Message-Based System for Tracking Patient-Reported Outcomes in Spine Surgery: An Overview of the Concept and Our Early Experience. <i>World Neurosurgery</i> , 2022, 158, e746-e753.	1.3	3
2	Management of Glioblastoma Metastatic to the Vertebral Spine. <i>World Neurosurgery</i> , 2022, 161, 52-53.	1.3	1
3	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
4	Fifty years later: the "rule of Spence" is finally ready for retirement. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 149-156.	1.7	0
5	Pearls and pitfalls of posterior superior iliac spine reference frame placement for spinal navigation: cadaveric series. <i>Journal of Neurosurgery Case Lessons</i> , 2022, 3, .	0.3	0
6	Risk factors for surgical intervention in patients with primary spinal infection on initial presentation. <i>Journal of Neurosurgery: Spine</i> , 2022, , 1-9.	1.7	2
7	Advances in monitoring for acute spinal cord injury: a narrative review of current literature. <i>Spine Journal</i> , 2022, 22, 1372-1387.	1.3	10
8	Automated prediction of the Thoracolumbar Injury Classification and Severity Score from CT using a novel deep learning algorithm. <i>Neurosurgical Focus</i> , 2022, 52, E5.	2.3	8
9	Trends in Intraoperative Assessment of Spinal Alignment: A Survey of Spine Surgeons in the United States. <i>Global Spine Journal</i> , 2022, 12, 82S-86S.	2.3	2
10	Acute Implantation of a Bioresorbable Polymer Scaffold in Patients With Complete Thoracic Spinal Cord Injury: 24-Month Follow-up From the INSPIRE Study. <i>Neurosurgery</i> , 2022, 90, 668-675.	1.1	11
11	Endoscope-Assisted Retroperitoneal Prepsoas Approach to Lumbar Intervertebral Disk Decompression. Technical Note. <i>Operative Neurosurgery</i> , 2022, 23, 67-73.	0.8	3
12	Adoption of awake spine surgery trends from a national registry over 14 years. <i>Spine Journal</i> , 2022, 22, 1601-1609.	1.3	9
13	Surgeon specialty effect on early outcomes of elective posterior spinal fusion for adolescent idiopathic scoliosis: a propensity-matched analysis of 965 patients. <i>European Spine Journal</i> , 2022, 31, 2355-2361.	2.2	2
14	Ultrasound monitoring of microcirculation: An original study from the laboratory bench to the clinic. <i>Microcirculation</i> , 2022, 29, .	1.8	9
15	Multimodal interventions to optimize spinal cord perfusion in patients with acute traumatic spinal cord injuries: a systematic review. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 729-739.	1.7	7
16	Robot-assisted atlantoaxial fixation: illustrative cases. <i>Journal of Neurosurgery Case Lessons</i> , 2022, 3, .	0.3	1
17	Use of electromyography to predict likelihood of recovery following C5 palsy after posterior cervical spine surgery. <i>Spine Journal</i> , 2021, 21, 387-396.	1.3	4
18	First Report of Pharmacogenomic Profiling in an Outpatient Spine Setting: Preliminary Results from a Pilot Study. <i>World Neurosurgery</i> , 2021, 145, e21-e31.	1.3	4

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19	The development of Smart Hospital Assistant: integrating artificial intelligence and a voice-user interface for improved surgical outcomes. , 2021, 11601, .		2
20	Systematic review and meta-analysis of the clinical utility of Enhanced Recovery After Surgery pathways in adult spine surgery. Journal of Neurosurgery: Spine, 2021, 34, 325-347.	1.7	21
21	90449 Can Ultrasound detect changes to spinal cord blood flow before and after injury?. Journal of Clinical and Translational Science, 2021, 5, 6-6.	0.6	0
22	Bow Hunter's Syndrome. World Neurosurgery, 2021, 148, 127-128.	1.3	7
23	Dataset of the first report of pharmacogenomics profiling in an outpatient spine setting. Data in Brief, 2021, 35, 106832.	1.0	0
24	Epidemiology of Concussion in the National Football League, 2015-2019. Sports Health, 2021, 13, 423-430.	2.7	27
25	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. Journal of Neurosurgery: Spine, 2021, 34, 808-817.	1.7	25
26	Robotics in Spine Surgery and Spine Surgery Training. Operative Neurosurgery, 2021, 21, 35-40.	0.8	12
27	Ultrasound in Traumatic Spinal Cord Injury: A Wide-Open Field. Neurosurgery, 2021, 89, 372-382.	1.1	15
28	Web-Based Calculator Predicts Surgical-Site Infection After Thoracolumbar Spine Surgery. World Neurosurgery, 2021, 151, e571-e578.	1.3	5
29	Augmented Reality in Spine Surgery: A Narrative Review. HSS Journal, 2021, 17, 351-358.	1.7	24
30	Predictors of an academic career among fellowship-trained spinal neurosurgeons. Journal of Neurosurgery: Spine, 2021, , 1-8.	1.7	6
31	Surgical Decompression for Cervical Spondylotic Myelopathy in Patients with Associated Hypertension: A Single-Center Retrospective Cohort and Systematic Review of the Literature. World Neurosurgery, 2021, 155, e119-e130.	1.3	2
32	Does the Specialty of the Surgeon Performing Elective Anterior/Lateral Lumbar Interbody Fusion for Degenerative Spine Disease Correlate with Early Perioperative Outcomes?. World Neurosurgery, 2021, 155, e111-e118.	1.3	5
33	Surgical Stabilization for Patients with Mechanical Back Pain Secondary to Metastatic Spinal Disease is Associated with Improved Objective Mobility Metrics: Preliminary Analysis in a Cohort of 26 Patients. World Neurosurgery, 2021, 153, e28-e35.	1.3	1
34	Posterior Vertebral Column Subtraction Osteotomy for Recurrent Tethered Cord Syndrome: A Multicenter, Retrospective Analysis. Neurosurgery, 2021, 88, 637-647.	1.1	11
35	Spine Image Guidance and Robotics: Exposure, Education, Training, and the Learning Curve. International Journal of Spine Surgery, 2021, 15, S28-S37.	1.5	5
36	Neuroprotective Role of Acidosis in Ischemia: Review of the Preclinical Evidence. Molecular Neurobiology, 2021, 58, 6684-6696.	4.0	4

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37	Innovations in Robotics and Navigation. <i>International Journal of Spine Surgery</i> , 2021, 15, S7-S9.	1.5	0
38	Traumatic sacral dermoid cyst rupture with intracranial subarachnoid seeding of lipid particles: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2021, 2, .	0.3	1
39	Ensuring navigation integrity using robotics in spine surgery. <i>Journal of Robotic Surgery</i> , 2020, 14, 177-183.	1.8	27
40	Pedicle, vascularized occipital bone graft to supplement atlantoaxial arthrodesis for the treatment of pseudoarthrosis. <i>Journal of Clinical Neuroscience</i> , 2020, 74, 205-209.	1.5	9
41	Spinal cord float back is not an independent predictor of postoperative C5 palsy in patients undergoing posterior cervical decompression. <i>Spine Journal</i> , 2020, 20, 266-275.	1.3	10
42	Horner Syndrome After Anterior Cervical Discectomy and Fusion: Case Series and Systematic Review. <i>World Neurosurgery</i> , 2020, 133, e68-e75.	1.3	6
43	The effect of renin-angiotensin system blockers on spinal cord dysfunction and imaging features of spinal cord compression in patients with symptomatic cervical spondylosis. <i>Spine Journal</i> , 2020, 20, 519-529.	1.3	5
44	Assessment of a Triage Protocol for Emergent Neurosurgical Cases at a Single Institution. <i>World Neurosurgery</i> , 2020, 135, e386-e392.	1.3	2
45	The F2RaD Score: A Novel Prediction Score and Calculator Tool to Identify Patients at Risk of Postoperative C5 Palsy. <i>Operative Neurosurgery</i> , 2020, 19, 582-588.	0.8	5
46	Low-Intensity Pulsed Ultrasound as a Potential Adjuvant Therapy to Promote Spinal Fusion. <i>Journal of Ultrasound in Medicine</i> , 2020, 40, 2005-2017.	1.7	3
47	Radiographic and clinical outcomes of silicate-substituted calcium phosphate (SiCaP) bone grafts in spinal fusion: Systematic review and meta-analysis. <i>Journal of Clinical Neuroscience</i> , 2020, 81, 353-366.	1.5	5
48	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
49	Impact of COVID-19 on an Academic Neurosurgery Department: The Johns Hopkins Experience. <i>World Neurosurgery</i> , 2020, 139, e877-e884.	1.3	85
50	Minimally invasive therapeutic ultrasound: Ultrasound-guided ultrasound ablation in neuro-oncology. <i>Ultrasonics</i> , 2020, 108, 106210.	3.9	16
51	Degenerative Cervical Spondylosis. <i>New England Journal of Medicine</i> , 2020, 383, 159-168.	27.0	127
52	Robotic Spine Surgery: Current State in Minimally Invasive Surgery. <i>Global Spine Journal</i> , 2020, 10, 34S-40S.	2.3	47
53	Utility of Posterior Longitudinal Ligament Resection During Anterior Cervical Decompression for Radiculopathy. <i>World Neurosurgery</i> , 2020, 137, e425-e429.	1.3	3
54	Robot-Assisted versus Freehand Instrumentation in Short-Segment Lumbar Fusion: Experience with Real-Time Image-Guided Spinal Robot. <i>World Neurosurgery</i> , 2020, 136, e635-e645.	1.3	44

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55	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
56	Prediction calculator for nonroutine discharge and length of stay after spine surgery. <i>Spine Journal</i> , 2020, 20, 1154-1158.	1.3	29
57	Automatic analysis of global spinal alignment from simple annotation of vertebral bodies. <i>Journal of Medical Imaging</i> , 2020, 7, 1.	1.5	3
58	Time to recovery predicted by the severity of postoperative C5 palsy. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 191-199.	1.7	18
59	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
60	Oxysterols as promising small molecules for bone tissue engineering: Systematic review. <i>World Journal of Orthopedics</i> , 2020, 11, 328-344.	1.8	7
61	Retroperitoneal approach for the treatment of diaphragmatic crus syndrome: technical note. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 114-119.	1.7	1
62	Critical Care Management for Patients with Spinal Cord Injury. <i>Current Clinical Neurology</i> , 2020, , 169-183.	0.2	0
63	SpineCloud: image analytics for predictive modeling of spine surgery outcomes. <i>Journal of Medical Imaging</i> , 2020, 7, 1.	1.5	8
64	Operative Management of Idiopathic Spinal Cord Herniation: Case Series and Novel Technique for Repair of Recurrent Herniation. <i>Operative Neurosurgery</i> , 2019, 16, 415-423.	0.8	6
65	New spinal robotic technologies. <i>Frontiers of Medicine</i> , 2019, 13, 723-729.	3.4	29
66	Commentary: Simulation of Dural Repair in Minimally Invasive Spine Surgery With the Use of a Perfusion-Based Cadaveric Model. <i>Operative Neurosurgery</i> , 2019, 17, E231-E233.	0.8	0
67	Use of Recombinant Human Bone Morphogenetic Protein-2 at the C1-C2 Lateral Articulation without Posterior Structural Bone Graft in Posterior Atlantoaxial Fusion in Adult Patients. <i>World Neurosurgery</i> , 2019, 123, e69-e76.	1.3	3
68	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
69	A retrospective cohort analysis of the effects of renin-angiotensin system inhibitors on spinal fusion in ACDF patients. <i>Spine Journal</i> , 2019, 19, 1354-1361.	1.3	1
70	Preoperative Clinical and Radiographic Variables Predict Postoperative C5 Palsy. <i>World Neurosurgery</i> , 2019, 127, e585-e592.	1.3	12
71	Biomechanical Effects of an Oblique Lumbar PEEK Cage and Posterior Augmentation. <i>World Neurosurgery</i> , 2019, 126, e975-e981.	1.3	11
72	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

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73	Unusual Cause of Trigeminal Neuralgia: First Report of Intracranial Migration of Spinal Cord Stimulator. <i>World Neurosurgery</i> , 2019, 128, 47-49.	1.3	3
74	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
75	First spine surgery utilizing real-time image-guided robotic assistance. <i>Computer Assisted Surgery</i> , 2019, 24, 13-17.	1.3	26
76	Healing of type II odontoid fracture without surgery in an octogenarian " Case report and literature review. <i>Journal of Clinical Neuroscience</i> , 2019, 64, 23-24.	1.5	1
77	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
78	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
79	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
80	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
81	Protocol for Urgent and Emergent Cases at a Large Academic Level 1 Trauma Center. <i>Cureus</i> , 2019, 11, e3973.	0.5	7
82	Daniel Ruge: the first neurosurgeon to serve as physician to the president. <i>Journal of Neurosurgery</i> , 2019, 131, 311-317.	1.6	1
83	Misplacement of Stent Into Epidural Venous Plexus With Resultant Cauda Equina Syndrome and Open Surgical Treatment: A Case Report. <i>Operative Neurosurgery</i> , 2018, 15, E23-E26.	0.8	1
84	Biomechanical Analysis of an Expandable Lumbar Interbody Spacer. <i>World Neurosurgery</i> , 2018, 114, e616-e623.	1.3	4
85	Anatomic Basis for Minimally Invasive Resection of Intradural Extramedullary Lesions in Thoracic Spine. <i>World Neurosurgery</i> , 2018, 109, e770-e777.	1.3	10
86	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
87	National Football League Head, Neck and Spine Committee's Concussion Diagnosis and Management Protocol: 2017-18 season. <i>British Journal of Sports Medicine</i> , 2018, 52, 894-902.	6.7	51
88	Posterior Reversible Encephalopathic Syndrome in the Setting of Induced Elevated Mean Arterial Pressure in Patients With Spinal Cord Injury. <i>Neurosurgery</i> , 2018, 83, 16-21.	1.1	4
89	Circumferential dural resection technique and reconstruction for the removal of giant calcified transdural herniated thoracic discs. <i>Journal of Neurosurgery: Spine</i> , 2018, 28, 167-172.	1.7	5
90	Pedicle screw accuracy assessment in ExcelsiusGPSA® robotic spine surgery: evaluation of deviation from pre-planned trajectory. <i>Chinese Neurosurgical Journal</i> , 2018, 4, 23.	0.9	44

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91	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
92	Technique: open lumbar decompression and fusion with the Excelsius GPS robot. <i>Neurosurgical Focus</i> , 2018, 45, V6.	2.3	37
93	Introduction: the rise of the robots in spinal surgery. <i>Neurosurgical Focus</i> , 2018, 45, Intro.	2.3	14
94	Immediate improvement of intraoperative monitoring signals following CSF release for cervical spine stenosis: Case report. <i>Journal of Clinical Neuroscience</i> , 2018, 53, 235-237.	1.5	3
95	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
96	Tumoral calcinosis of the craniovertebral junction as a cause of dysphagia with treatment by transoral decompression: case report. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 567-571.	1.7	5
97	Biomechanical and Endplate Effects on Nutrient Transport in the Intervertebral Disc. <i>World Neurosurgery</i> , 2017, 99, 395-402.	1.3	26
98	New Clinical-Pathological Classification of Intraspinial Injury Following Traumatic Acute Complete Thoracic Spinal Cord Injury. <i>Neurosurgery</i> , 2017, 64, 105-109.	1.1	21
99	Spinal Coccidioidomycosis: A Current Review of Diagnosis and Management. <i>World Neurosurgery</i> , 2017, 108, 69-75.	1.3	21
100	In Reply: Occipitocervical fixation: A single surgeon's experience with 120 patients. <i>Neurosurgery</i> , 2017, 80, E265-E265.	1.1	0
101	Editorial: Personalized Medicine and Neurosurgery. <i>Frontiers in Surgery</i> , 2017, 4, 19.	1.4	2
102	Halo Vest Immobilization. , 2017, , 9-16.		1
103	Upper Cervical and Occipitocervical Arthrodesis. , 2017, , 458-471.e3.		0
104	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
105	Genetic Alterations in Intervertebral Disc Disease. <i>Frontiers in Surgery</i> , 2016, 3, 59.	1.4	81
106	Genetics Underlying an Individualized Approach to Adult Spinal Disorders. <i>Frontiers in Surgery</i> , 2016, 3, 61.	1.4	5
107	First Human Implantation of a Bioresorbable Polymer Scaffold for Acute Traumatic Spinal Cord Injury. <i>Neurosurgery</i> , 2016, 79, E305-E312.	1.1	90
108	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

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109	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
110	Novel Concepts in Spine Pathophysiology. <i>Spine</i> , 2016, 41, S25-S26.	2.0	1
111	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
112	Monsters and the case of L. Joseph: Andr� Feil's thesis on the origin of the Klippel-Feil syndrome and a social transformation of medicine. <i>Neurosurgical Focus</i> , 2016, 41, E3.	2.3	4
113	Pediatric occipitocervical fusion: long-term radiographic changes in curvature, growth, and alignment. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 644-652.	1.3	9
114	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
115	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
116	Occipitocervical Fixation. <i>Neurosurgery</i> , 2016, 79, 549-560.	1.1	32
117	Effects of Anterior Plating on Clinical Outcomes of Anterior Lumbar Interbody Fusion. <i>Clinical Spine Surgery</i> , 2016, 29, 300-304.	1.3	4
118	CT/MRI Fusion for Vascular Mapping and Navigated Resection of a Paraspinal Tumor. <i>World Neurosurgery</i> , 2016, 89, 732.e7-732.e12.	1.3	4
119	Biomechanics of a flexible sublaminar connector in long-segment thoracic fixation. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 340-346.	1.7	3
120	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
121	Comparison of CT versus MRI measurements of transverse atlantal ligament integrity in craniovertebral junction injuries. Part 2: A new CT-based alternative for assessing transverse ligament integrity. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 903-909.	1.7	10
122	Football and Chronic Traumatic Encephalopathy: How Much Evidence Actually Exists?. <i>World Neurosurgery</i> , 2016, 89, 720-721.	1.3	5
123	History of the current understanding and management of tethered spinal cord. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 78-87.	1.7	11
124	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
125	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
126	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



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127	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
128	The efficacy and risks of preoperative embolization of spinal tumors. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 859-864.	3.3	22
129	Extensive traumatic anterior skull base fractures with cerebrospinal fluid leak: classification and repair techniques using combined vascularized tissue flaps. <i>Journal of Neurosurgery</i> , 2016, 124, 647-656.	1.6	43
130	The Influence of Common Medical Conditions on the Outcome of Anterior Lumbar Interbody Fusion. <i>Clinical Spine Surgery</i> , 2016, 29, 285-290.	1.3	10
131	Manganese-enhanced MRI Offers Correlation with Severity of Spinal Cord Injury in Experimental Models. <i>Open Neuroimaging Journal</i> , 2016, 10, 139-147.	0.2	8
132	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
133	Microsurgical anatomy of the arterial basket of the conus medullaris. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 672-676.	1.7	17
134	Acute management of traumatic cervical spinal cord injury. <i>Practical Neurology</i> , 2015, 15, 266-272.	1.1	43
135	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
136	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
137	Surgical efficacy of minimally invasive thoracic discectomy. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1708-1713.	1.5	33
138	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
139	The microanatomy of spinal cord injury: A review. <i>Clinical Anatomy</i> , 2015, 28, 27-36.	2.7	78
140	Radiographic Assessment of Thoracolumbar Fractures based on Axial Zones. <i>Journal of Spinal Disorders and Techniques</i> , 2014, 27, 59-63.	1.9	1
141	Cervical Spinal Cord Infarction After Cervical Spine Decompressive Surgery. <i>World Neurosurgery</i> , 2014, 81, 810-817.	1.3	12
142	Concussion: Neurosurgery's Mission in Social Awareness. <i>World Neurosurgery</i> , 2014, 81, 213-214.	1.3	0
143	Pediatric Craniovertebral Junction Trauma. <i>Advances and Technical Standards in Neurosurgery</i> , 2014, 40, 333-353.	0.5	10
144	Radiofrequency Ablation of an Unusual Vertebral Body Osteoid Osteoma Contiguous with the Intervertebral Disc. <i>Journal of Vascular and Interventional Radiology</i> , 2013, 24, 1756-1758.	0.5	1

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145	Subaxial cervical juxtafacet cysts: single institution surgical experience and literature review. <i>Acta Neurochirurgica</i> , 2013, 155, 299-308.	1.7	14
146	Cerebral Herniation as a Complication of Chest Tube Drainage of Cerebrospinal Fluid After Injury to the Spine. <i>World Neurosurgery</i> , 2013, 79, 798.e17-798.e19.	1.3	8
147	Clinical Outcome After Vertebral Artery Injury Following Blunt Cervical Spine Trauma. <i>World Neurosurgery</i> , 2013, 80, 399-404.	1.3	17
148	Pharmacophysiology of bone and spinal fusion. <i>Spine Journal</i> , 2013, 13, 1359-1369.	1.3	17
149	Biomechanical evaluation of a metal-on-metal cervical intervertebral disc prosthesis. <i>Spine Journal</i> , 2013, 13, 1640-1649.	1.3	23
150	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
151	Management of Acute Traumatic Central Cord Syndrome (ATCCS). <i>Neurosurgery</i> , 2013, 72, 195-204.	1.1	77
152	Initial Closed Reduction of Cervical Spinal Fracture-Dislocation Injuries. <i>Neurosurgery</i> , 2013, 72, 73-83.	1.1	101
153	Letter to the Editor: Occipitocervical fusion. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 12, 532-533.	1.3	4
154	Pharmacological Therapy for Acute Spinal Cord Injury. <i>Neurosurgery</i> , 2013, 72, 93-105.	1.1	329
155	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
156	Management of Acute Combination Fractures of the Atlas and Axis in Adults. <i>Neurosurgery</i> , 2013, 72, 151-158.	1.1	45
157	Management of Isolated Fractures of the Atlas in Adults. <i>Neurosurgery</i> , 2013, 72, 127-131.	1.1	84
158	Clinical Assessment Following Acute Cervical Spinal Cord Injury. <i>Neurosurgery</i> , 2013, 72, 40-53.	1.1	63
159	Radiographic Assessment. <i>Neurosurgery</i> , 2013, 72, 54-72.	1.1	78
160	The Acute Cardiopulmonary Management of Patients With Cervical Spinal Cord Injuries. <i>Neurosurgery</i> , 2013, 72, 84-92.	1.1	243
161	Multimodality Management of Vertebral Artery Injury Sustained During Cervical or Craniocervical Surgery. <i>Operative Neurosurgery</i> , 2013, 73, ons271-ons282.	0.8	13
162	Management of Pediatric Cervical Spine and Spinal Cord Injuries. <i>Neurosurgery</i> , 2013, 72, 205-226.	1.1	85

#	ARTICLE	IF	CITATIONS
163	Treatment of Subaxial Cervical Spinal Injuries. Neurosurgery, 2013, 72, 187-194.	1.1	65
164	Os Odontoideum. Neurosurgery, 2013, 72, 159-169.	1.1	63
165	Occipital Condyle Fractures. Neurosurgery, 2013, 72, 106-113.	1.1	44
166	Prehospital Cervical Spinal Immobilization After Trauma. Neurosurgery, 2013, 72, 22-34.	1.1	125
167	Management of Isolated Fractures of the Axis in Adults. Neurosurgery, 2013, 72, 132-150.	1.1	93
168	Guidelines for the Management of Acute Cervical Spine and Spinal Cord Injuries. Neurosurgery, 2013, 60, 82-91.	1.1	466
169	Transportation of Patients With Acute Traumatic Cervical Spine Injuries. Neurosurgery, 2013, 72, 35-39.	1.1	37
170	The Diagnosis and Management of Traumatic Atlanto-occipital Dislocation Injuries. Neurosurgery, 2013, 72, 114-126.	1.1	83
171	Management of Vertebral Artery Injuries Following Non-Penetrating Cervical Trauma. Neurosurgery, 2013, 72, 234-243.	1.1	68
172	Spinal Cord Injury Without Radiographic Abnormality (SCIWORA). Neurosurgery, 2013, 72, 227-233.	1.1	70
173	Deep Venous Thrombosis and Thromboembolism in Patients With Cervical Spinal Cord Injuries. Neurosurgery, 2013, 72, 244-254.	1.1	68
174	Nutritional Support After Spinal Cord Injury. Neurosurgery, 2013, 72, 255-259.	1.1	43
175	Subaxial Cervical Spine Injury Classification Systems. Neurosurgery, 2013, 72, 170-186.	1.1	66
176	Basilar artery thrombosis after reduction of cervical spondyloptosis: a cautionary report. Journal of Neurosurgery: Spine, 2012, 16, 492-496.	1.7	18
177	Non-pharmacological experimental treatments for spinal cord injury: a review. Child's Nervous System, 2012, 28, 2041-2045.	1.1	6
178	Genetics of the Degenerated Intervertebral Disc. World Neurosurgery, 2012, 77, 491-501.	1.3	90
179	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
180	Injuries to the Cervical Spine. , 2012, , 397-411.		2

#	ARTICLE	IF	CITATIONS
181	Regarding: Long-term Results of Percutaneous Lumbar Decompression mild for Spinal Stenosis. Pain Practice, 2012, 12, 252-252.	1.9	6
182	Dysphagia After Anterior Cervical Spine Surgery: Incidence and Risk Factors. World Neurosurgery, 2012, 77, 183-187.	1.3	114
183	A Phase I/IIa Clinical Trial of a Recombinant Rho Protein Antagonist in Acute Spinal Cord Injury. Journal of Neurotrauma, 2011, 28, 787-796.	3.4	236
184	Biomechanical Contribution of the Rib Cage to Thoracic Stability. Spine, 2011, 36, E1686-E1693.	2.0	73
185	A Novel Technique of Odontoidoplasty and C1 Arch Reconstruction: Anatomical and Biomechanical Basis. Operative Neurosurgery, 2011, 68, ons103-ons113.	0.8	5
186	Aplasia of the Anterior Arch of Atlas Associated With Multiple Congenital Disorders. Neurosurgery, 2011, 69, E1317-E1320.	1.1	9
187	Delayed Presentation of Traumatic Cerebral and Dural Arteriovenous Fistulae After a BB Gun Accident in a Pediatric Patient: Case Report. Neurosurgery, 2011, 68, E1750-E1755.	1.1	8
188	Pott Disease in a 13-Month-Old: Case Report. Neurosurgery, 2011, 68, E1485-E1490.	1.1	11
189	Cellular and paracellular transplants for spinal cord injury: a review of the literature. Child's Nervous System, 2011, 27, 237-243.	1.1	16
190	Pediatric cervical spine injuries: a comprehensive review. Child's Nervous System, 2011, 27, 705-717.	1.1	53
191	Pediatric multilevel spine injuries: an institutional experience. Child's Nervous System, 2011, 27, 1095-1100.	1.1	31
192	Chemical priming for spinal cord injury: a review of the literature. Part I "factors involved. Child's Nervous System, 2011, 27, 1297-1306.	1.1	5
193	Chemical priming for spinal cord injury: a review of the literature part II "potential therapeutics. Child's Nervous System, 2011, 27, 1307-1316.	1.1	7
194	Absence of MRI soft tissue abnormalities in severe spinal cord injury in children: case-based update. Child's Nervous System, 2011, 27, 1369-1373.	1.1	8
195	Delayed subarachnoid hemorrhage following failed odontoid screw fixation. Journal of Neurosurgery: Spine, 2011, 14, 715-718.	1.7	16
196	Blood supply and vascular reactivity of the spinal cord under normal and pathological conditions. Journal of Neurosurgery: Spine, 2011, 15, 238-251.	1.7	180
197	Tumoral calcinosis presenting as a deformity of the thoracic spine. Journal of Neurosurgery: Pediatrics, 2011, 8, 584-587.	1.3	5
198	Surgical management and outcome of schwannomas in the craniocervical region. Journal of Neurosurgery, 2011, 114, 1257-1267.	1.6	47

#	ARTICLE	IF	CITATIONS
199	Surgical management of coccidioidomycosis of the spine. <i>Journal of Neurosurgery: Spine</i> , 2011, 15, 441-446.	1.7	23
200	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
201	Biomechanics of thoracic short versus long fixation after 3-column injury. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 226-234.	1.7	35
202	Cranio-cervical arterial dissections as sequelae of chiropractic manipulation: patterns of injury and management. <i>Journal of Neurosurgery</i> , 2011, 115, 1197-1205.	1.6	68
203	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
204	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
205	Feasible and Accurate Occipitotantal Transarticular Fixation. <i>Operative Neurosurgery</i> , 2010, 66, ons173-ons177.	0.8	1
206	In Vitro Biomechanical Analysis of a New Lumbar Low-Profile Locking Screw-Plate Construct Versus a Standard Top-Loading Cantilevered Pedicle Screw-Rod Construct. <i>Neurosurgery</i> , 2010, 66, E404-E406.	1.1	7
207	The Legacy of Hephaestus: The First Craniotomy. <i>Neurosurgery</i> , 2010, 67, 881-884.	1.1	15
208	Manganese-Enhanced Magnetic Resonance Imaging in Experimental Spinal Cord Injury. <i>Neurosurgery</i> , 2010, 66, 131-136.	1.1	18
209	Four-Level Anterior Cervical Discectomy and Fusion With Plate Fixation. <i>Neurosurgery</i> , 2010, 66, 639-647.	1.1	69
210	Atlas Fractures. <i>Neurosurgery</i> , 2010, 66, A60-A67.	1.1	110
211	Anterolateral C1-C2 Transarticular Fixation for Atlantoaxial Arthrodesis. <i>Operative Neurosurgery</i> , 2010, 67, ons38-ons42.	0.8	6
212	Placement of Percutaneous Thoracic Pedicle Screws Using NeuroNavigation. <i>World Neurosurgery</i> , 2010, 74, 606-610.	1.3	36
213	Percutaneous Vertebroplasty for Thyroid Cancer Metastases to the Spine. <i>Thyroid</i> , 2010, 20, 555-560.	4.5	22
214	Neuroblastoma-like schwannoma of lumbar spinal nerve root. <i>Journal of Neurosurgery: Spine</i> , 2010, 13, 82-86.	1.7	5
215	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
216	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

#	ARTICLE	IF	CITATIONS
217	Health care burden of cervical spine fractures in the United States: analysis of a nationwide database over a 10-year period. <i>Journal of Neurosurgery: Spine</i> , 2010, 13, 61-66.	1.7	48
218	Biomechanics of C-7 transfacet screw fixation. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 338-343.	1.7	9
219	Trajectory analysis and pullout strength of self-centering lumbar pedicle screws. <i>Journal of Neurosurgery: Spine</i> , 2009, 10, 486-491.	1.7	19
220	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
221	Primary thoracolumbar Ewing's sarcoma presenting as isolated epidural mass. <i>Spine Journal</i> , 2009, 9, e9-e14.	1.3	9
222	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
223	Biomechanical Effects of Laminoplasty Versus Laminectomy. <i>Spine</i> , 2009, 34, E573-E578.	2.0	44
224	Anterior Cervical Corpectomy and Fusion Accelerates Degenerative Disease at Adjacent Vertebral Segments. <i>SAS Journal</i> , 2008, 2, 23-27.	1.3	5
225	Transfacet screw placement for posterior fixation of C-7. <i>Journal of Neurosurgery: Spine</i> , 2008, 9, 200-206.	1.7	24
226	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
227	Microsurgical management of spinal schwannomas: evaluation of 128 cases. <i>Journal of Neurosurgery: Spine</i> , 2008, 9, 40-47.	1.7	78
228	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
229	Stem cell biology and its therapeutic applications in the setting of spinal cord injury. <i>Neurosurgical Focus</i> , 2008, 24, E20.	2.3	27
230	SAFETY AND ACCURACY OF BEDSIDE EXTERNAL VENTRICULAR DRAIN PLACEMENT. <i>Operative Neurosurgery</i> , 2008, 63, ONS162-ONS167.	0.8	77
231	THE UTILITY OF ONYX FOR PREOPERATIVE EMBOLIZATION OF CRANIAL AND SPINAL TUMORS. <i>Neurosurgery</i> , 2008, 62, 1204-1212.	1.1	79
232	Anterior Cervical Corpectomy and Fusion Accelerates Degenerative Disease at Adjacent Vertebral Segments. <i>International Journal of Spine Surgery</i> , 2008, 2, 23-27.	1.5	1
233	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
234	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

#	ARTICLE	IF	CITATIONS
235	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
236	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
237	Survivors of occipitatlantal dislocation injuries: imaging and clinical correlates. <i>Journal of Neurosurgery: Spine</i> , 2007, 6, 113-120.	1.7	120
238	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
239	Segmental spinal dysgenesis: report of four cases and proposed management strategy. <i>Child's Nervous System</i> , 2007, 23, 359-364.	1.1	17
240	Computed Tomographic Angiography for the Evaluation of Aneurysmal Subarachnoid Hemorrhage. <i>Academic Emergency Medicine</i> , 2006, 13, 486-492.	1.8	51
241	Pediatric subaxial cervical spine injuries: origins, management, and outcome in 51 patients. <i>Neurosurgical Focus</i> , 2006, 20, 1-7.	2.3	50
242	Spinal cord compression from traumatic anterior cervical pseudomeningoceles. <i>Journal of Neurosurgery: Spine</i> , 2006, 5, 254-258.	1.7	12
243	Complications of halo fixation in the elderly. <i>Journal of Neurosurgery: Spine</i> , 2006, 5, 46-49.	1.7	69
244	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
245	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
246	SCIWORA: An antiquated acronym. <i>Seminars in Spine Surgery</i> , 2005, 17, 46-48.	0.2	0
247	Endogenous stem cell proliferation after central nervous system injury: alternative therapeutic options. <i>Neurosurgical Focus</i> , 2005, 19, 1-6.	2.3	17
248	Adjacent Level Degeneration After Anterior Cervical Fusion: A Clinical Review. <i>Neurosurgery Clinics of North America</i> , 2005, 16, 575-587.	1.7	62
249	Cervical magnetic resonance imaging abnormalities not predictive of cervical spine instability in traumatically injured patients. <i>Journal of Neurosurgery: Spine</i> , 2004, 1, 39-42.	1.7	44
250	Anterior approaches for the management of thoracic spine fractures. <i>Operative Techniques in Neurosurgery</i> , 2004, 7, 31-41.	0.1	4
251	Image guidance in spinal surgery for trauma: Iso-C 3D. <i>Operative Techniques in Neurosurgery</i> , 2004, 7, 42-47.	0.1	5
252	Occipitatlantal and atlantoaxial dislocation. <i>Operative Techniques in Neurosurgery</i> , 2004, 7, 16-21.	0.1	2

#	ARTICLE	IF	CITATIONS
253	Technique of thoracic pedicle screw fixation for trauma. Operative Techniques in Neurosurgery, 2004, 7, 22-30.	0.1	21
254	Closure of long surgical incisions with a new formulation of 2-octylcyanoacrylate tissue adhesive versus commercially available methods. American Journal of Surgery, 2004, 188, 307-313.	1.8	90
255	Intraoperative Iso-C C-arm Navigation in Cervical Spinal Surgery. Spine, 2004, 29, 2856-2860.	2.0	85
256	Microsurgical management of vascular lesions affecting the spine and spinal cord. Operative Techniques in Neurosurgery, 2003, 6, 171-172.	0.1	0
257	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
258	Surgery and permanent 125 I seed paraspinal brachytherapy for malignant tumors with spinal cord compression. International Journal of Radiation Oncology Biology Physics, 2002, 54, 505-513.	0.8	36
259	Titanium Mesh Cage Interbody Fusion in the Thoracolumbar Spine. Techniques in Neurosurgery, 2001, 7, 119-126.	0.3	8
260	Spinal Surgery: The Past Century and the Next. Neurosurgery, 2000, 46, 767-777.	1.1	13
261	Pediatric cervical spine injuries: report of 102 cases and review of the literature. Journal of Neurosurgery: Spine, 2000, 92, 12-17.	1.7	118
262	Osteosarcoma of the Temporal Fossa with Hemorrhagic Presentation: Case Report. Neurosurgery, 2000, 47, 447-451.	1.1	13
263	Pediatric spine and spinal cord trauma. Child's Nervous System, 1999, 15, 743-750.	1.1	62
264	A prospective randomized double-blind controlled trial to evaluate the efficacy of an analgesic epidural paste following lumbar decompressive surgery. Journal of Neurosurgery: Spine, 1999, 90, 191-197.	1.7	18
265	Subdural hematoma from a Type I spinal arteriovenous malformation. Journal of Neurosurgery: Spine, 1999, 90, 255-257.	1.7	24
266	Endovascular treatment of basilar artery aneurysms. Critical Reviews in Neurosurgery: CR, 1998, 8, 50-60.	0.2	1
267	Triple anterior screw fixation of an acute combination atlas-axis fracture. Journal of Neurosurgery, 1997, 87, 96-99.	1.6	47
268	Unilateral posterior atlantoaxial transarticular screw fixation. Journal of Neurosurgery, 1997, 87, 851-855.	1.6	90