

# Timothy Witham

## List of Publications by Year in descending order

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277  
papers

8,949  
citations

31976  
53  
h-index

62596  
80  
g-index

283  
all docs

283  
docs citations

283  
times ranked

7255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy of Free-Hand Pedicle Screws in the Thoracic and Lumbar Spine: Analysis of 6816 Consecutive Screws. <i>Neurosurgery</i> , 2011, 68, 170-178.	1.1	240
2	RECURRENT DISC HERNIATION AND LONG-TERM BACK PAIN AFTER PRIMARY LUMBAR DISCECTOMY. <i>Neurosurgery</i> , 2009, 64, 338-345.	1.1	226
3	Vertebroplasty and kyphoplasty for the treatment of vertebral compression fractures: an evidenced-based review of the literature. <i>Spine Journal</i> , 2009, 9, 501-508.	1.3	222
4	Surgery Insight: current management of epidural spinal cord compression from metastatic spine disease. <i>Nature Clinical Practice Neurology</i> , 2006, 2, 87-94.	2.5	217
5	Comprehensive assessment of hemorrhage risks and outcomes after stereotactic brain biopsy. <i>Journal of Neurosurgery</i> , 2001, 94, 545-551.	1.6	192
6	RECURRENT LUMBAR DISC HERNIATION AFTER SINGLE-LEVEL LUMBAR DISCECTOMY. <i>Neurosurgery</i> , 2009, 65, 574-578.	1.1	174
7	Factors associated with progression-free survival and long-term neurological outcome after resection of intramedullary spinal cord tumors: analysis of 101 consecutive cases. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 591-599.	1.7	171
8	A New Subarachnoid Hemorrhage Grading System Based on the Glasgow Coma Scale: A Comparison with the Hunt and Hess and World Federation of Neurological Surgeons Scales in a Clinical Series. <i>Neurosurgery</i> , 1997, 41, 140-148.	1.1	161
9	Long-Term Clinical Outcomes Following En Bloc Resections for Sacral Chordomas and Chondrosarcomas. <i>Spine</i> , 2009, 34, 2233-2239.	2.0	149
10	The biomechanics of pedicle screw augmentation with cement. <i>Spine Journal</i> , 2015, 15, 1432-1445.	1.3	129
11	Short-term Progressive Spinal Deformity Following Laminoplasty Versus Laminectomy for Resection of Intradural Spinal Tumors. <i>Neurosurgery</i> , 2010, 66, 1005-1012.	1.1	127
12	PREDICTORS OF AMBULATORY FUNCTION AFTER DECOMPRESSIVE SURGERY FOR METASTATIC EPIDURAL SPINAL CORD COMPRESSION. <i>Neurosurgery</i> , 2008, 62, 683-692.	1.1	117
13	Risk of infection following posterior instrumented lumbar fusion for degenerative spine disease in 817 consecutive cases. <i>Journal of Neurosurgery: Spine</i> , 2014, 20, 45-52.	1.7	117
14	Incidence of spinal deformity after resection of intramedullary spinal cord tumors in children who underwent laminectomy compared with laminoplasty. <i>Journal of Neurosurgery: Pediatrics</i> , 2008, 1, 57-62.	1.3	113
15	Recurrent back and leg pain and cyst reformation after surgical resection of spinal synovial cysts: systematic review of reported postoperative outcomes. <i>Spine Journal</i> , 2010, 10, 820-826.	1.3	112
16	The Impact of Obesity on Short- and Long-term Outcomes After Lumbar Fusion. <i>Spine</i> , 2015, 40, 56-61.	2.0	109
17	Use of S2-Alar-iliac Screws Associated With Less Complications Than Iliac Screws in Adult Lumbosacropelvic Fixation. <i>Spine</i> , 2017, 42, E142-E149.	2.0	109
18	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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19	Techniques and accuracy of thoracolumbar pedicle screw placement. World Journal of Orthopedics, 2014, 5, 112.	1.8	103
20	Incidence and Prognostic Factors of C5 Palsy. Neurosurgery, 2014, 74, 595-605.	1.1	98
21	The efficacy of minimally invasive discectomy compared with open discectomy: a meta-analysis of prospective randomized controlled trials. Journal of Neurosurgery: Spine, 2012, 16, 452-462.	1.7	95
22	Surgical Management of Metastatic Spinal Tumors. Cancer Control, 2012, 19, 122-128.	1.8	90
23	Ability of electromyographic monitoring to determine the presence of malpositioned pedicle screws in the lumbosacral spine: analysis of 2450 consecutively placed screws. Journal of Neurosurgery: Spine, 2011, 15, 130-135.	1.7	87
24	Augmented reality-assisted pedicle screw insertion: a cadaveric proof-of-concept study. Journal of Neurosurgery: Spine, 2019, 31, 139-146.	1.7	85
25	Factors Associated With Recurrent Back Pain and Cyst Recurrence After Surgical Resection of One Hundred Ninety-Five Spinal Synovial Cysts. Spine, 2010, 35, 1044-1053.	2.0	84
26	Morbidity and Survival after 1,3-bis(2-chloroethyl)-1-Nitrosourea Wafer Implantation for Recurrent Glioblastoma: A Retrospective Case-matched Cohort Series. Neurosurgery, 1999, 45, 17-22.	1.1	83
27	Long-term back pain after a single-level discectomy for radiculopathy: incidence and health care cost analysis. Journal of Neurosurgery: Spine, 2010, 12, 178-182.	1.7	81
28	Propionibacterium acnes biofilm is present in intervertebral discs of patients undergoing microdiscectomy. PLoS ONE, 2017, 12, e0174518.	2.5	81
29	A Proposed Grading System for Intramedullary Spinal Cord Tumors in Children. Neurosurgery, 2007, 61, 202-203.	1.1	78
30	Epidemiology and Demographics for Primary Vertebral Tumors. Neurosurgery Clinics of North America, 2008, 19, 1-4.	1.7	78
31	Trans-foraminal versus posterior lumbar interbody fusion: comparison of surgical morbidity. Neurological Research, 2011, 33, 38-42.	1.3	77
32	Adjacent Segment Disease After Anterior Cervical Discectomy and Fusion in a Large Series. Neurosurgery, 2014, 74, 139-146.	1.1	77
33	Autologous glioma cell vaccine admixed with interleukin-4 gene transfected fibroblasts in the treatment of recurrent glioblastoma: preliminary observations in a patient with a favorable response to therapy. Journal of Neuro-Oncology, 2003, 64, 13-20.	2.9	74
34	Growth factor-eluting technologies for bone tissue engineering. Drug Delivery and Translational Research, 2016, 6, 184-194.	5.8	73
35	Surgical treatment of cervical spondylotic myelopathy with anterior compression: a review of 67 cases. Journal of Neurosurgery: Spine, 2008, 9, 152-157.	1.7	70
36	The Impact of Provider Volume on the Outcomes After Surgery for Lumbar Spinal Stenosis. Neurosurgery, 2012, 70, 1346-1354.	1.1	70

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37	Endoscopic Image-Guided Transcervical Odontoidectomy. <i>Neurosurgery</i> , 2012, 70, 351-360.	1.1	70
38	Impact of Smoking on Complication and Pseudarthrosis Rates After Single- and 2-Level Posterolateral Fusion of the Lumbar Spine. <i>Spine</i> , 2014, 39, 1765-1770.	2.0	65
39	Total en bloc spondylectomy for locally aggressive and primary malignant tumors of the lumbar spine. <i>European Spine Journal</i> , 2016, 25, 4080-4087.	2.2	65
40	Long-term patient outcomes after posterior cervical foraminotomy: an analysis of 151 cases. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 727-731.	1.7	64
41	Transthoracic Surgical Treatment for Centrally Located Thoracic Disc Herniations Presenting With Myelopathy. <i>Journal of Spinal Disorders and Techniques</i> , 2010, 23, 79-88.	1.9	63
42	Prevalence of <i>Propionibacterium acnes</i> in Intervertebral Discs of Patients Undergoing Lumbar Microdiscectomy: A Prospective Cross-Sectional Study. <i>PLoS ONE</i> , 2016, 11, e0161676.	2.5	63
43	Long-term clinical outcomes following 3- and 4-level anterior cervical discectomy and fusion. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 885-891.	1.7	61
44	Clinical Accuracy, Technical Precision, and Workflow of the First in Human Use of an Augmented-Reality Head-Mounted Display Stereotactic Navigation System for Spine Surgery. <i>Operative Neurosurgery</i> , 2021, 20, 300-309.	0.8	60
45	Evaluation of factors associated with postoperative infection following sacral tumor resection. <i>Journal of Neurosurgery: Spine</i> , 2008, 9, 593-599.	1.7	58
46	Incidence and Clinical Significance of Vascular Encroachment Resulting From Freehand Placement of Pedicle Screws in the Thoracic and Lumbar Spine. <i>Spine</i> , 2014, 39, 683-687.	2.0	58
47	Adjacent Segment Disease After Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2014, 39, 120-126.	2.0	58
48	Glioma-associated hyaluronan induces apoptosis in dendritic cells via inducible nitric oxide synthase: implications for the use of dendritic cells for therapy of gliomas. <i>Cancer Research</i> , 2002, 62, 2583-91.	0.9	58
49	Impact of resident participation on morbidity and mortality in neurosurgical procedures: an analysis of 16,098 patients. <i>Journal of Neurosurgery</i> , 2015, 122, 955-961.	1.6	57
50	Spinal pelvic reconstruction after total sacrectomy for en bloc resection of a giant sacral chordoma. <i>Journal of Neurosurgery: Spine</i> , 2005, 3, 501-506.	1.7	56
51	Preoperative Radiographic Factors and Surgeon Experience Are Associated With Cortical Breach of C2 Pedicle Screws. <i>Journal of Spinal Disorders and Techniques</i> , 2010, 23, 9-14.	1.9	56
52	The epidemiology of spinal tuberculosis in the United States: an analysis of 2002-2011 data. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 507-512.	1.7	56
53	Thoracic vertebrectomy and spinal reconstruction via anterior, posterior, or combined approaches: clinical outcomes in 91 consecutive patients with metastatic spinal tumors. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 272-284.	1.7	55
54	Epidural steroid injection resulting in epidural hematoma in a patient despite strict adherence to anticoagulation guidelines. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 358-364.	1.7	55

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55	Smoking as an independent predictor of reoperation after lumbar laminectomy: a study of 500 cases. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 288-293.	1.7	55
56	Survival of patients with high grade glioma treated with intrathecal thiotriethylenephosphoramidate for ependymal or leptomeningeal gliomatosis. , 1999, 86, 1347-1353.		54
57	Spinal Instrumentation in Patients with Primary Spinal Infections Does Not Lead to Greater Recurrent Infection Rates: An Analysis of 118 Cases. <i>World Neurosurgery</i> , 2014, 82, e807-e814.	1.3	53
58	Outcomes following surgical intervention for impending and gross instability caused by multiple myeloma in the spinal column. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 301-309.	1.7	53
59	Intracranial hemorrhage after spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2013, 19, 370-380.	1.7	51
60	The cost-effectiveness of interbody fusions versus posterolateral fusions in 137 patients with lumbar spondylolisthesis. <i>Spine Journal</i> , 2015, 15, 492-498.	1.3	51
61	S2-Alar-Iliac Screws are Associated with Lower Rate of Symptomatic Screw Prominence than Iliac Screws: Radiographic Analysis of Minimal Distance from Screw Head to Skin. <i>World Neurosurgery</i> , 2016, 93, 253-260.	1.3	50
62	PREDICTORS OF AMBULATORY FUNCTION AFTER SURGICAL RESECTION OF INTRAMEDULLARY SPINAL CORD TUMORS. <i>Neurosurgery</i> , 2007, 61, 99-106.	1.1	49
63	Comparison Between S2-Alar-Iliac Screw Fixation and Iliac Screw Fixation in Adult Deformity Surgery: Reoperation Rates and Spinopelvic Parameters. <i>Global Spine Journal</i> , 2017, 7, 672-680.	2.3	49
64	Safety of spinal decompression using an ultrasonic bone curette compared with a high-speed drill: outcomes in 337 patients. <i>Journal of Neurosurgery: Spine</i> , 2013, 18, 627-633.	1.7	48
65	Maintenance of bowel, bladder, and motor functions after sacrectomy. <i>Spine Journal</i> , 2015, 15, 222-229.	1.3	48
66	Sacropelvic Fixation. <i>Spine</i> , 2011, 36, E618-E621.	2.0	46
67	The impact of insurance status on outcomes after surgery for spinal metastases. <i>Cancer</i> , 2012, 118, 4833-4841.	4.1	45
68	Safety and efficacy of pedicle screw placement using intraoperative computed tomography: consecutive series of 1148 pedicle screws. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 320-328.	1.7	45
69	TRANSLAMINAR VERSUS PEDICLE SCREW FIXATION OF C2. <i>Operative Neurosurgery</i> , 2009, 64, ons343-ons349.	0.8	44
70	Soft-tissue reconstruction after total en bloc sacrectomy. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 571-581.	1.7	43
71	Posterolateral fusion with interbody for lumbar spondylolisthesis is associated with less repeat surgery than posterolateral fusion alone. <i>Clinical Neurology and Neurosurgery</i> , 2015, 138, 117-123.	1.4	43
72	Diagnosis and management of sacral tumors. <i>Journal of Neurosurgery: Spine</i> , 2009, 10, 244-256.	1.7	41

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73	Prolonged survival following aggressive treatment for metastatic breast cancer in the spine. <i>Clinical and Experimental Metastasis</i> , 2014, 31, 47-55.	3.3	41
74	Unruptured cerebral aneurysm producing a thunderclap headache. <i>American Journal of Emergency Medicine</i> , 2000, 18, 88-90.	1.6	40
75	Development of postoperative C5 palsy is associated with wider posterior decompressions: an analysis of 41 patients. <i>Spine Journal</i> , 2014, 14, 2861-2867.	1.3	40
76	Clinical and surgical outcomes after lumbar laminectomy: An analysis of 500 patients. , 2015, 6, 190.		40
77	The Clinical Significance of Pneumorachis: A Case Report and Review of the Literature. <i>Journal of Trauma</i> , 2010, 68, 736-744.	2.3	39
78	Assessing underlying bone quality in spine surgery patients: a narrative review of dual-energy X-ray absorptiometry (DXA) and alternatives. <i>Spine Journal</i> , 2021, 21, 321-331.	1.3	39
79	Local delivery of OncoGel delays paresis in rat metastatic spinal tumor model. <i>Journal of Neurosurgery: Spine</i> , 2007, 7, 194-198.	1.7	37
80	Quantitative 3D imaging of the cranial microvascular environment at single-cell resolution. <i>Nature Communications</i> , 2021, 12, 6219.	12.8	37
81	Factors Associated With Improved Outcomes Following Decompressive Surgery for Prostate Cancer Metastatic to the Spine. <i>Neurosurgery</i> , 2013, 73, 657-666.	1.1	36
82	Adjacent segment disease after anterior cervical discectomy and fusion: Incidence and clinical outcomes of patients requiring anterior versus posterior repeat cervical fusion. , 2014, 5, 74.		36
83	Accuracy of C2 pedicle screw placement using the anatomic freehand technique. <i>Clinical Neurology and Neurosurgery</i> , 2014, 125, 24-27.	1.4	36
84	Assuring Optimal Physiologic Craniocervical Alignment and Avoidance of Swallowing-related Complications After Occipitocervical Fusion by Preoperative Halo Vest Placement. <i>Journal of Spinal Disorders and Techniques</i> , 2009, 22, 170-176.	1.9	34
85	Risk factors for wound-related reoperations in patients with metastatic spine tumor. <i>Journal of Neurosurgery: Spine</i> , 2018, 28, 663-668.	1.7	34
86	The Characterization of Tumor Apoptosis after Experimental Radiosurgery. <i>Stereotactic and Functional Neurosurgery</i> , 2005, 83, 17-24.	1.5	33
87	Reconstruction of Extensive Defects From Posterior En Bloc Resection of Sacral Tumors With Human Acellular Dermal Matrix and Gluteus Maximus Myocutaneous Flaps. <i>Neurosurgery</i> , 2011, 69, 1240-1247.	1.1	33
88	CT Fluoroscopically Guided Percutaneous Placement of Transiliosacral Rod for Sacral Insufficiency Fracture: Case Report and Technique. <i>American Journal of Neuroradiology</i> , 2007, 28, 1451-1454.	2.4	32
89	Iatrogenic Spondylolisthesis Following Open Lumbar Laminectomy: Case Series and Review of the Literature. <i>World Neurosurgery</i> , 2018, 113, e383-e390.	1.3	32
90	Total L-5 spondylectomy and reconstruction of the lumbosacral junction. <i>Journal of Neurosurgery: Spine</i> , 2007, 7, 103-111.	1.7	30

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91	Lumbopelvic Reconstruction After Combined L5 Spondylectomy and Total Sacrectomy for En Bloc Resection of a Malignant Fibrous Histiocytoma. <i>Neurosurgery</i> , 2010, 67, E498-E502.	1.1	30
92	Treatment of Spinal Synovial Cysts. <i>World Neurosurgery</i> , 2013, 79, 375-380.	1.3	30
93	Improving medical student recruitment to neurosurgery. <i>Journal of Neurosurgery</i> , 2020, 133, 848-854.	1.6	30
94	7-Hydroxystaurosporine-induced Apoptosis in 9L Glioma Cells Provides an Effective Antigen Source for Dendritic Cells and Yields a Potent Vaccine Strategy in an Intracranial Glioma Model. <i>Neurosurgery</i> , 2002, 50, 1327-1335.	1.1	29
95	Vertebral Bone Quality Score and Postoperative Lumbar Lordosis Associated with Need for Reoperation After Lumbar Fusion. <i>World Neurosurgery</i> , 2020, 140, e247-e252.	1.3	29
96	Prediction calculator for nonroutine discharge and length of stay after spine surgery. <i>Spine Journal</i> , 2020, 20, 1154-1158.	1.3	29
97	Morbidity and Survival after 1,3-bis(2-chloroethyl)-1-Nitrosourea Wafer Implantation for Recurrent Glioblastoma: A Retrospective Case-matched Cohort Series. <i>Neurosurgery</i> , 1999, 45, 17.	1.1	29
98	Clinical accuracy and initial experience with augmented reality-assisted pedicle screw placement: the first 205 screws. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 351-357.	1.7	28
99	Adjacent-segment disease in 511 cases of posterolateral instrumented lumbar arthrodesis: floating fusion versus distal construct including the sacrum. <i>Journal of Neurosurgery: Spine</i> , 2014, 20, 380-386.	1.7	27
100	Automatic Localization of Target Vertebrae in Spine Surgery. <i>Spine</i> , 2015, 40, E476-E483.	2.0	27
101	Incidence of Adjacent Segment Disease Requiring Reoperation After Lumbar Laminectomy Without Fusion. <i>Neurosurgery</i> , 2016, 78, 192-199.	1.1	27
102	Synovial Cyst as a Marker for Lumbar Instability: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2019, 122, e1059-e1068.	1.3	27
103	Letter to the Editor "Changes to Neurosurgery Resident Education Since Onset of the COVID-19 Pandemic". <i>World Neurosurgery</i> , 2020, 139, 734-740.	1.3	27
104	7-Hydroxystaurosporine-induced Apoptosis in 9L Glioma Cells Provides an Effective Antigen Source for Dendritic Cells and Yields a Potent Vaccine Strategy in an Intracranial Glioma Model. <i>Neurosurgery</i> , 2002, 50, 1327-1335.	1.1	26
105	Surgical management of cervical spondylotic myelopathy with laminectomy and instrumented fusion. <i>Neurological Research</i> , 2009, 31, 1097-1101.	1.3	26
106	Prognostic factors associated with pain palliation after spine stereotactic body radiation therapy. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 620-629.	1.7	26
107	Giant destructive myxopapillary ependymomas of the sacrum. <i>Journal of Neurosurgery: Spine</i> , 2010, 12, 154-159.	1.7	25
108	The incidence of adjacent segment disease after lumbar discectomy: A study of 751 patients. <i>Journal of Clinical Neuroscience</i> , 2017, 35, 42-46.	1.5	25

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109	Augmented reality-mediated stereotactic navigation for execution of en bloc lumbar spondylectomy osteotomies. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 700-705.	1.7	25
110	ADJUVANT TREATMENT WITH LOCALLY DELIVERED ONCOGEL DELAYS THE ONSET OF PARESIS AFTER SURGICAL RESECTION OF EXPERIMENTAL SPINAL COLUMN METASTASIS. <i>Neurosurgery</i> , 2009, 65, 193-200.	1.1	24
111	Novel therapeutic targets in chordoma. <i>Expert Opinion on Therapeutic Targets</i> , 2012, 16, 1139-1143.	3.4	24
112	Quantitative Study of Parathyroid Hormone (1-34) and Bone Morphogenetic Protein-2 on Spinal Fusion Outcomes in a Rabbit Model of Lumbar Dorsolateral Intertransverse Process Arthrodesis. <i>Spine</i> , 2014, 39, 347-355.	2.0	24
113	Analgesic therapy for major spine surgery. <i>Neurosurgical Review</i> , 2015, 38, 407-419.	2.4	24
114	Successful anterior fusion following posterior cervical fusion for revision of anterior cervical discectomy and fusion pseudarthrosis. <i>Journal of Clinical Neuroscience</i> , 2016, 24, 57-62.	1.5	24
115	Augmented Reality in Spine Surgery: A Narrative Review. <i>HSS Journal</i> , 2021, 17, 351-358.	1.7	24
116	Expression of a soluble transforming growth factor- $\beta$ 2 (TGF $\beta$ 2) receptor reduces tumorigenicity by regulating natural killer (NK) cell activity against 9L gliosarcoma in vivo. <i>Journal of Neuro-Oncology</i> , 2003, 64, 63-69.	2.9	23
117	Surgical Management of Cervical Spondylotic Myelopathy. <i>Neurosurgery Quarterly</i> , 2009, 19, 302-307.	0.1	23
118	Factors Associated with Life Expectancy in Patients with Metastatic Spine Disease from Adenocarcinoma of the Lung. <i>Global Spine Journal</i> , 2015, 5, 417-424.	2.3	23
119	Bone graft options for spinal fusion following resection of spinal column tumors: systematic review and meta-analysis. <i>Neurosurgical Focus</i> , 2017, 42, E16.	2.3	23
120	THORACIC KYPHOTIC DEFORMITY REDUCTION WITH A DISTRACTIBLE TITANIUM CAGE VIA AN ENTIRELY POSTERIOR APPROACH. <i>Operative Neurosurgery</i> , 2007, 60, 223-231.	0.8	22
121	The Impact of Weekend Hospital Admission on the Timing of Intervention and Outcomes After Surgery for Spinal Metastases. <i>Neurosurgery</i> , 2012, 70, 586-593.	1.1	22
122	Readmissions After Surgical Resection of Metastatic Tumors of the Spine at a Single Institution. <i>World Neurosurgery</i> , 2017, 101, 695-701.e1.	1.3	22
123	Epidemiologic, functional, and oncologic outcome analysis of spinal sarcomas treated surgically at a single institution over 10 years. <i>Spine Journal</i> , 2015, 15, 110-114.	1.3	21
124	REVISION SURGERY FOR CERVICAL SPONDYLOTIC MYELOPATHY. <i>Neurosurgery</i> , 2008, 63, 292-298.	1.1	20
125	Factors associated with improved survival following surgery for renal cell carcinoma spinal metastases. <i>Neurosurgical Focus</i> , 2016, 41, E13.	2.3	20
126	A systematic review of the use of expandable cages in the cervical spine. <i>Neurosurgical Review</i> , 2016, 39, 1-11.	2.4	20



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127	A role for motor and somatosensory evoked potentials during anterior cervical discectomy and fusion for patients without myelopathy: Analysis of 57 consecutive cases. , 2011, 2, 133.		20
128	3D-printed oxygen-releasing scaffolds improve bone regeneration in mice. Biomaterials, 2022, 280, 121318.	11.4	20
129	l-Buthionine Sulfoximine Potentiates the Antitumor Effect of 4-Hydroperoxycyclophosphamide When Administered Locally in a Rat Glioma Model. Neurosurgery, 2001, 48, 392-400.	1.1	19
130	SURGICAL RESECTION PLUS ADJUVANT RADIOTHERAPY IS SUPERIOR TO SURGERY OR RADIOTHERAPY ALONE IN THE PREVENTION OF NEUROLOGICAL DECLINE IN A RAT METASTATIC SPINAL TUMOR MODEL. Neurosurgery, 2008, 63, 346-351.	1.1	19
131	Prevention of facial pressure ulcers using the Mayfield clamp for sacral tumor resection. Journal of Neurosurgery: Spine, 2011, 14, 85-87.	1.7	19
132	Surgical Outcomes in Patients with High Spinal Instability Neoplasm Score Secondary to Spinal Giant Cell Tumors. Global Spine Journal, 2016, 6, 21-28.	2.3	19
133	Spinal deformity after resection of cervical intramedullary spinal cord tumors in children. Child's Nervous System, 2008, 24, 735-739.	1.1	18
134	A Systematic Assessment of the Use of Platelet-Rich Plasma in Spinal Fusion. Annals of Biomedical Engineering, 2015, 43, 1057-1070.	2.5	18
135	Utility of the LevelCheck Algorithm for Decision Support in Vertebral Localization. Spine, 2016, 41, E1249-E1256.	2.0	18
136	Management of Cerebrospinal Fluid Leakage During Anterior Cervical Discectomy and Fusion and Its Effect on Spinal Fusion. World Neurosurgery, 2016, 89, 636-640.	1.3	18
137	Time to recovery predicted by the severity of postoperative C5 palsy. Journal of Neurosurgery: Spine, 2020, 32, 191-199.	1.7	18
138	The Role of Stereotactic Cyst Aspiration for Glial and Metastatic Brain Tumors. Canadian Journal of Neurological Sciences, 2000, 27, 229-235.	0.5	17
139	Biomechanical comparison between C-7 lateral mass and pedicle screws in subaxial cervical constructs. Journal of Neurosurgery: Spine, 2010, 13, 688-694.	1.7	17
140	Delayed onset of paralysis and slowed tumor growth following in situ placement of recombinant human bone morphogenetic protein 2 within spine tumors in a rat model of metastatic breast cancer. Journal of Neurosurgery: Spine, 2012, 16, 365-372.	1.7	17
141	The Use of Expandable Cages in Patients Undergoing Multilevel Corpectomies for Metastatic Tumors in the Cervical Spine. Orthopedics, 2010, 33, 87-92.	1.1	17
142	Title is missing!. Journal of Neuro-Oncology, 2003, 64, 13-20.	2.9	16
143	The role of spinal fusion in the treatment of cervical synovial cysts: a series of 17 cases and meta-analysis. Journal of Neurosurgery: Spine, 2014, 21, 919-928.	1.7	16
144	Relationship Between Type of Health Insurance and Time to Inpatient Rehabilitation Placement for Surgical Subspecialty Patients. American Journal of Medical Quality, 2001, 16, 212-215.	0.5	15

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145	Fractionated, single-port radiotherapy delays paresis in a metastatic spinal tumor model in rats. <i>Journal of Neurosurgery: Spine</i> , 2007, 7, 323-327.	1.7	15
146	Clay-shovelers' Fracture During Indoor Rock Climbing. <i>Orthopedics</i> , 2013, 36, e381-3.	1.1	15
147	Durotomy is associated with pseudoarthrosis following lumbar fusion. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 544-548.	1.5	15
148	Fusion following lateral mass reconstruction in the cervical spine. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 139-150.	1.7	15
149	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
150	Effects of Intraoperative Intrawound Antibiotic Administration on Spinal Fusion. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 1741-1749.	3.0	15
151	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
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