

Timothy R Smith

List of Publications by Year in descending order

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Version: 2024-02-01

267
papers

6,247
citations

76326

40
h-index

118850

62
g-index

270
all docs

270
docs citations

270
times ranked

7829
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy and safety of flexible versus rigid endoscopic third ventriculostomy in pediatric and adult populations: a systematic review and meta-analysis. <i>Neurosurgical Review</i> , 2022, 45, 199-216.	2.4	3
2	Association of venous thromboembolism following pediatric traumatic spinal injuries with injury severity and longer hospital stays. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 153-159.	1.7	3
3	Decreased Incidence of CSF Leaks after Skull Base Fractures in the 21st Century: An Institutional Report. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, 059-065.	0.8	5
4	The Epidemiology of Central Nervous System Tumors. <i>Hematology/Oncology Clinics of North America</i> , 2022, 36, 23-42.	2.2	15
5	Surgery vs. Biopsy in the Treatment of Butterfly Glioblastoma: A Systematic Review and Meta-Analysis. <i>Cancers</i> , 2022, 14, 314.	3.7	5
6	Passive Data Use for Ethical Digital Public Health Surveillance in a Postpandemic World. <i>Journal of Medical Internet Research</i> , 2022, 24, e30524.	4.3	4
7	Alcohol intake and risk of pituitary adenoma. <i>Cancer Causes and Control</i> , 2022, 33, 353-361.	1.8	2
8	Short-term outcomes associated with temozolomide or PCV chemotherapy for 1p/19q-codeleted WHO grade 3 oligodendrogliomas: A national evaluation. <i>Neuro-Oncology Practice</i> , 2022, 9, 201-207.	1.6	3
9	International practice variation in perioperative laboratory testing in glioblastoma patients—a retrospective cohort study. <i>Acta Neurochirurgica</i> , 2022, 164, 385-392.	1.7	1
10	Tumor-Associated Macrophages/Microglia in Glioblastoma Oncolytic Virotherapy: A Double-Edged Sword. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1808.	4.1	15
11	Statins and Gliomas: A Systematic Review of the Preclinical Studies and Meta-Analysis of the Clinical Literature. <i>Drugs</i> , 2022, 82, 293-310.	10.9	9
12	Spinal level and cord involvement in the prediction of sepsis development after vertebral fracture repair for traumatic spinal injury. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 292-298.	1.7	0
13	Practice Variation in Perioperative Steroid Dosing for Brain Tumor Patients: An International Survey. <i>World Neurosurgery</i> , 2022, 159, e431-e441.	1.3	8
14	Early Detection and Management of Venous Thrombosis in Skull Base Surgery: Role of Routine Doppler Ultrasound Monitoring. <i>Neurosurgery</i> , 2022, 91, 115-122.	1.1	1
15	Oral Contraceptive and Menopausal Hormone Therapy Use and Risk of Pituitary Adenoma: Cohort and Case-Control Analyses. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e1402-e1412.	3.6	3
16	Effect of awake craniotomy in glioblastoma in eloquent areas (GLIOMAP): a propensity score-matched analysis of an international, multicentre, cohort study. <i>Lancet Oncology</i> , 2022, 23, 802-817.	10.7	31
17	Complications and cosmetic outcomes of materials used in cranioplasty following decompressive craniectomy—a systematic review, pairwise meta-analysis, and network meta-analysis. <i>Acta Neurochirurgica</i> , 2022, 164, 3075-3090.	1.7	8
18	Survival Prediction After Neurosurgical Resection of Brain Metastases: A Machine Learning Approach. <i>Neurosurgery</i> , 2022, Publish Ahead of Print, .	1.1	1

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19	Telemedicine and the right to health: A neurosurgical perspective. <i>Journal of Clinical Neuroscience</i> , 2022, 102, 71-74.	1.5	0
20	Survival prediction of glioblastoma patientsâ€™are we there yet? A systematic review of prognostic modeling for glioblastoma and its clinical potential. <i>Neurosurgical Review</i> , 2021, 44, 2047-2057.	2.4	25
21	Minimally invasive versus open surgery for the correction of adult degenerative scoliosis: a systematic review. <i>Neurosurgical Review</i> , 2021, 44, 659-668.	2.4	9
22	Endoscopic third ventriculostomy versus ventriculoperitoneal shunt in pediatric and adult population: a systematic review and meta-analysis. <i>Neurosurgical Review</i> , 2021, 44, 1227-1241.	2.4	16
23	Randomized Phase II and Biomarker Study of Pembrolizumab plus Bevacizumab versus Pembrolizumab Alone for Patients with Recurrent Glioblastoma. <i>Clinical Cancer Research</i> , 2021, 27, 1048-1057.	7.0	129
24	Can mHealth interventions improve quality of life of cancer patients? A systematic review and meta-analysis. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 157, 103123.	4.4	59
25	Postoperative Day 1 Morning Cortisol Value as a Biomarker to Predict Long-term Remission of Cushing Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e94-e102.	3.6	9
26	Artificial Intelligence and Healthcare Ethics. , 2021, , 315-326.		0
27	The epidemiology and management patterns of pediatric pituitary tumors in the United States. <i>Pituitary</i> , 2021, 24, 412-419.	2.9	9
28	Seizure outcome in patients with cavernous malformation after early surgery. <i>Epilepsy and Behavior</i> , 2021, 115, 107662.	1.7	9
29	Simplified Universal Grading of Lumbar Spine MRI Degenerative Findings: Inter-Reader Agreement of Non-Radiologist Spine Experts. <i>Pain Medicine</i> , 2021, 22, 1485-1495.	1.9	4
30	Improved outcomes associated with maximal extent of resection for butterfly glioblastoma: insights from institutional and national data. <i>Acta Neurochirurgica</i> , 2021, 163, 1883-1894.	1.7	11
31	Surgical and Peri-Operative Considerations for Brain Metastases. <i>Frontiers in Oncology</i> , 2021, 11, 662943.	2.8	15
32	The Current Landscape of Oncolytic Herpes Simplex Viruses as Novel Therapies for Brain Malignancies. <i>Viruses</i> , 2021, 13, 1158.	3.3	16
33	Patterns of Interaction Between Diffuse Low-Grade Glioma and Pregnancy: An Institutional Case Series. <i>World Neurosurgery</i> , 2021, 150, e236-e252.	1.3	4
34	Neurosurgical resection for locally recurrent brain metastasis. <i>Neuro-Oncology</i> , 2021, 23, 2085-2094.	1.2	7
35	Expandable Versus Static Cages in Minimally Invasive Lumbar Interbody Fusion: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2021, 151, e607-e614.	1.3	10
36	The Impact of Age and Severity on Dementia After Traumatic Brain Injury: A Comparison Study. <i>Neurosurgery</i> , 2021, 89, 810-818.	1.1	10

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37	Smartphone GPS signatures of patients undergoing spine surgery correlate with mobility and current gold standard outcome measures. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 796-806.	1.7	13
38	Alcohol intake and risk of glioma: results from three prospective cohort studies. <i>European Journal of Epidemiology</i> , 2021, 36, 965-974.	5.7	5
39	Deep Learning for Adjacent Segment Disease at Preoperative MRI for Cervical Radiculopathy. <i>Radiology</i> , 2021, 301, 664-671.	7.3	10
40	Body Habitus Across the Lifespan and Risk of Pituitary Adenoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1591-1602.	3.6	8
41	Team-Based Decision-Making in Traumatic Brain Injury. , 2021, , 285-294.		0
42	Single- versus Dual-Attending Surgeon Approach for Spine Deformity: A Systematic Review and Meta-Analysis. <i>Operative Neurosurgery</i> , 2021, 20, 233-241.	0.8	8
43	Mobile health and neurocognitive domains evaluation through smartphones: A meta-analysis. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 212, 106484.	4.7	5
44	Predictors of thoracic and lumbar spine injuries in patients with TBI: A nationwide analysis. <i>Injury</i> , 2021, , .	1.7	0
45	Leptomeningeal disease in neurosurgical brain metastases patients: A systematic review and meta-analysis. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab162.	0.7	7
46	Adult sports-related traumatic spinal injuries: do different activities predispose to certain injuries?. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-7.	1.7	3
47	Predictors and early survival outcomes of maximal resection in WHO grade II 1p/19q-codeleted oligodendrogliomas. <i>Neuro-Oncology</i> , 2020, 22, 369-380.	1.2	13
48	Recurrence of Rathke's cleft cysts based on gross total resection of cyst wall: a meta-analysis. <i>Neurosurgical Review</i> , 2020, 43, 957-966.	2.4	22
49	Adult spinal deformity surgery: a systematic review of venous thromboprophylaxis and incidence of venous thromboembolic events. <i>Neurosurgical Review</i> , 2020, 43, 923-930.	2.4	3
50	An Online Calculator for the Prediction of Survival in Glioblastoma Patients Using Classical Statistics and Machine Learning. <i>Neurosurgery</i> , 2020, 86, E184-E192.	1.1	75
51	A prospective study of tea and coffee intake and risk of glioma. <i>International Journal of Cancer</i> , 2020, 146, 2442-2449.	5.1	15
52	Adverse events after clipping of unruptured intracranial aneurysms: the NSQIP unruptured aneurysm scale. <i>Journal of Neurosurgery</i> , 2020, 132, 1123-1132.	1.6	1
53	Gender Differences in Preoperative Opioid Use in Spine Surgery Patients: A Systematic Review and Meta-analysis. <i>Pain Medicine</i> , 2020, 21, 3292-3300.	1.9	3
54	A National Surgical Quality Improvement Program Analysis of Postoperative Major and Minor Complications in Patients with Spinal Metastatic Disease. <i>World Neurosurgery</i> , 2020, 140, e203-e211.	1.3	5

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55	Long-Term Opioid Prescriptions After Spine Surgery: A Meta-Analysis of Prevalence and Risk Factors. <i>World Neurosurgery</i> , 2020, 141, e894-e920.	1.3	22
56	Commentary: Cottonoid Sliders: A Simple and Cost-Effective Tool for Retractorless Intracranial Surgery. <i>Operative Neurosurgery</i> , 2020, 19, E432-E433.	0.8	0
57	Impact of insurance on hospital course and readmission after resection of benign meningioma. <i>Journal of Neuro-Oncology</i> , 2020, 149, 131-140.	2.9	6
58	Socioeconomic Disparities Associated With <i>MGMT</i> Promoter Methylation Testing for Patients With Glioblastoma. <i>JAMA Oncology</i> , 2020, 6, 1972.	7.1	22
59	Programmed Death Receptor Ligand One Expression May Independently Predict Survival in Patients With Non-Small Cell Lung Carcinoma Brain Metastases Receiving Immunotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 258-267.	0.8	11
60	Pearls for Interpreting Neurosurgical Systematic Reviews and Meta-Analyses: Lessons From a Collaborative Effort. <i>Neurosurgery</i> , 2020, 87, 435-441.	1.1	12
61	Central Nervous System-Involving Eccrine Gland Carcinoma: A Clinicopathologic Case Series and Literature Review. <i>World Neurosurgery</i> , 2020, 138, e17-e25.	1.3	3
62	Criteria for success after surgery for cervical radiculopathy—estimates for a substantial amount of improvement in core outcome measures. <i>Spine Journal</i> , 2020, 20, 1413-1421.	1.3	10
63	The diagnosis and management of primary and iatrogenic soft tissue sarcomas of the sella. <i>Pituitary</i> , 2020, 23, 558-572.	2.9	3
64	Automating Clinical Chart Review: An Open-Source Natural Language Processing Pipeline Developed on Free-Text Radiology Reports From Patients With Glioblastoma. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 25-34.	2.1	15
65	The safety and efficacy of steroid treatment for acute spinal cord injury: A Systematic Review and meta-analysis. <i>Heliyon</i> , 2020, 6, e03414.	3.2	36
66	Subtype switching in breast cancer brain metastases: a multicenter analysis. <i>Neuro-Oncology</i> , 2020, 22, 1173-1181.	1.2	65
67	Systemic therapy following craniotomy in patients with a solitary breast cancer brain metastasis. <i>Breast Cancer Research and Treatment</i> , 2020, 180, 147-155.	2.5	5
68	Artificial intelligence for management of patients with intracranial neoplasms. , 2020, , 203-230.		0
69	Reduction versus In Situ Fusion for Adult High-Grade Spondylolisthesis: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2020, 138, 512-520.e2.	1.3	15
70	Brief Preoperative Screening for Frailty and Cognitive Impairment Predicts Delirium after Spine Surgery. <i>Anesthesiology</i> , 2020, 133, 1184-1191.	2.5	78
71	Deep learning for natural language processing of free-text pathology reports: a comparison of learning curves. <i>BMJ Innovations</i> , 2020, 6, 192-198.	1.7	5
72	Contemporary assessment of extent of resection in molecularly defined categories of diffuse low-grade glioma: a volumetric analysis. <i>Journal of Neurosurgery</i> , 2020, 133, 1291-1301.	1.6	35

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73	Decreased Rate of CSF Leaks after Skull Base Fractures in the 21st Century: A Two-Institution Experience. , 2020, 81, .		0
74	Socioeconomic disparities in <i>MGMT</i> promoter methylation testing for glioblastoma patients.. Journal of Clinical Oncology, 2020, 38, 7029-7029.	1.6	0
75	Morbidity after traumatic spinal injury in pediatric and adolescent sports-related trauma. Journal of Neurosurgery: Spine, 2020, 32, 642-648.	1.7	5
76	Divergence in the epidemiological estimates of traumatic brain injury in the United States: comparison of two national databases. Journal of Neurosurgery, 2020, , 1-10.	1.6	1
77	Timing of surgery in traumatic brachial plexus injury: a systematic review. Journal of Neurosurgery, 2019, 130, 1333-1345.	1.6	40
78	Oversight and Ethical Regulation of Conflicts of Interest in Neurosurgery in the United States. Neurosurgery, 2019, 84, 305-312.	1.1	5
79	The prevalence of complications associated with lumbar and thoracic spinal deformity surgery in the elderly population: a meta-analysis. Journal of Spine Surgery, 2019, 5, 223-235.	1.2	16
80	The Safety and Efficacy of Tranexamic Acid in Adult Spinal Deformity Surgery: A Systematic Review and Meta-Analysis. Drugs, 2019, 79, 1679-1688.	10.9	14
81	The neurocognitive evaluation in the butterfly glioma patient. A systematic review. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2019, 18, 100512.	0.3	2
82	Advanced Age Is Not a Universal Predictor of Poorer Outcome in Patients Undergoing Neurosurgery. World Neurosurgery, 2019, 130, e375-e382.	1.3	2
83	Surgical resection of granular cell tumor of the sellar region: three indications. Pituitary, 2019, 22, 633-639.	2.9	6
84	Firearm Injuries Cause Disproportionate Mortality in Pediatric Traumatic Brain Injury. Neurosurgery, 2019, 66, 310-340.	1.1	0
85	Twenty Years of Opioids Prescriptions in Spine Patients: The Experience of Two Academic Hospitals in Massachusetts. Neurosurgery, 2019, 66, 310-707.	1.1	0
86	Predictive Score of Adverse Events After Carotid Endarterectomy: The NSQIP Registry Carotid Endarterectomy Scale. Journal of the American Heart Association, 2019, 8, e013412.	3.7	15
87	Traumatic Spinal Injuries Cause Disproportionate Morbidity in Sports-Related Pediatric Trauma. Neurosurgery, 2019, 66, 310-346.	1.1	0
88	Common genetic variations of deiodinase genes and prognosis of brain tumor patients. Endocrine, 2019, 66, 563-572.	2.3	10
89	Long-Term Durability of Open Surgical versus Endovascular Repair of Intracranial Aneurysms: A Systematic Review and Meta-Analysis. World Neurosurgery, 2019, 132, e820-e833.	1.3	12
90	Natural Language Processing for Automated Quantification of Brain Metastases Reported in Free-Text Radiology Reports. JCO Clinical Cancer Informatics, 2019, 3, 1-9.	2.1	28

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91	Computed Tomography Angiography Versus Digital Subtraction Angiography for Postclipping Aneurysm Obliteration Detection. <i>Stroke</i> , 2019, 50, 381-388.	2.0	28
92	International practice variation in postoperative imaging of chronic subdural hematoma patients. <i>Journal of Neurosurgery</i> , 2019, 131, 1912-1919.	1.6	10
93	Glioma incidence and survival variations by county-level socioeconomic measures. <i>Cancer</i> , 2019, 125, 3390-3400.	4.1	68
94	Trends in High-Impact Neurosurgical Randomized Controlled Trials Published in General Medical Journals: A Systematic Review. <i>World Neurosurgery</i> , 2019, 129, e158-e170.	1.3	2
95	Surgical Outcomes of Endoscopic Versus Open Resection for Primary Sinonasal Malignancy: A Meta-analysis. <i>American Journal of Rhinology and Allergy</i> , 2019, 33, 608-616.	2.0	12
96	Passive data collection and use in healthcare: A systematic review of ethical issues. <i>International Journal of Medical Informatics</i> , 2019, 129, 242-247.	3.3	57
97	Adverse Events After Microvascular Decompression: A National Surgical Quality Improvement Program Analysis. <i>World Neurosurgery</i> , 2019, 128, e884-e894.	1.3	16
98	Development of machine learning algorithms for prediction of prolonged opioid prescription after surgery for lumbar disc herniation. <i>Spine Journal</i> , 2019, 19, 1764-1771.	1.3	75
99	Response by Smith and Gupta to Letter Regarding Article, "Computed Tomography Angiography Versus Digital Subtraction Angiography for Postclipping Aneurysm Obliteration Detection: A Meta-Analysis". <i>Stroke</i> , 2019, 50, e159.	2.0	0
100	Prognostic Value of Brain Metastasis-Free Interval in Patients with Breast Cancer Brain Metastases. <i>World Neurosurgery</i> , 2019, 128, e157-e164.	1.3	5
101	Survival and prognostic factors in surgically treated brain metastases. <i>Journal of Neuro-Oncology</i> , 2019, 143, 359-367.	2.9	35
102	Neurological toxicities associated with chimeric antigen receptor T-cell therapy. <i>Brain</i> , 2019, 142, 1334-1348.	7.6	166
103	Digital Phenotyping in Patients with Spine Disease: A Novel Approach to Quantifying Mobility and Quality of Life. <i>World Neurosurgery</i> , 2019, 126, e241-e249.	1.3	39
104	Predicting Non-Routine Discharge After Elective Spine Surgery: External Validation of Machine Learning Algorithms Using Institutional Data. <i>Neurosurgery</i> , 2019, 84, E270-E270.	1.1	0
105	Randomized controlled trials comparing surgery to non-operative management in neurosurgery: a systematic review. <i>Acta Neurochirurgica</i> , 2019, 161, 627-634.	1.7	18
106	Endocrine function and gland volume after endoscopic transsphenoidal surgery for nonfunctional pituitary macroadenomas. <i>Journal of Neurosurgery</i> , 2019, 131, 1142-1151.	1.6	18
107	In Reply to the Letter to the Editor Regarding "The Effectiveness of Antiepileptic Medications as Prophylaxis of Early Seizure in Patients with Traumatic Brain Injury Compared with Placebo or No Treatment: A Systematic Review and Meta-Analysis". <i>World Neurosurgery</i> , 2019, 131, 307.	1.3	0
108	Retrospective Analysis of Perioperative Variables Associated With Postoperative Delirium and Other Adverse Outcomes in Older Patients After Spine Surgery. <i>Journal of Neurosurgical Anesthesiology</i> , 2019, 31, 385-391.	1.2	33

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109	Iatrogenic Inner Ear Dehiscence After Lateral Skull Base Surgery: Therapeutic Dilemma and Treatment Options. <i>Otology and Neurotology</i> , 2019, 40, e399-e404.	1.3	5
110	Treatment and survival of osteosarcoma and Ewing sarcoma of the skull: a SEER database analysis. <i>Acta Neurochirurgica</i> , 2019, 161, 317-325.	1.7	27
111	The Effectiveness of Antiepileptic Medications as Prophylaxis of Early Seizure in Patients with Traumatic Brain Injury Compared with Placebo or No Treatment: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2019, 122, 433-440.	1.3	42
112	Predicting Readmission and Reoperation for Benign Cranial Nerve Neoplasms: A Nationwide Analysis. <i>World Neurosurgery</i> , 2019, 121, e223-e229.	1.3	4
113	Outcomes of intraparenchymal hemorrhage after direct oral anticoagulant or vitamin K antagonist therapy: A systematic review and meta-analysis. <i>Journal of Clinical Neuroscience</i> , 2019, 62, 188-194.	1.5	1
114	Proposal and Validation of a Simple Grading Scale (TRANSSPHER Grade) for Predicting Gross Total Resection of Nonfunctioning Pituitary Macroadenomas After Transsphenoidal Surgery. <i>Operative Neurosurgery</i> , 2019, 17, 460-469.	0.8	28
115	The Misclassification of Diffuse Gliomas: Rates and Outcomes. <i>Clinical Cancer Research</i> , 2019, 25, 2656-2663.	7.0	42
116	Treatment and survival differences across tumor sites in malignant peripheral nerve sheath tumors: a SEER database analysis and review of the literature. <i>Neuro-Oncology Practice</i> , 2019, 6, 134-143.	1.6	15
117	Neurosurgical Resection and Stereotactic Radiation Versus Stereotactic Radiation Alone in Patients with a Single or Solitary Brain Metastasis. <i>World Neurosurgery</i> , 2019, 122, e1557-e1561.	1.3	17
118	Fertility after transsphenoidal surgery in patients with prolactinomas: A meta-analysis. <i>Clinical Neurology and Neurosurgery</i> , 2019, 176, 53-60.	1.4	12
119	Cost-Benefit Analysis of Transitional Care in Neurosurgery. <i>Neurosurgery</i> , 2019, 85, 672-679.	1.1	15
120	A nationwide analysis of 30-day adverse events, unplanned readmission, and length of hospital stay after peripheral nerve surgery in extremities and the brachial plexus. <i>Microsurgery</i> , 2019, 39, 115-123.	1.3	10
121	Preoperative laboratory testing before pediatric neurosurgery: an NSQIP-Pediatrics analysis. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 92-103.	1.3	5
122	Spindle cell oncocytoma of the pituitary gland. <i>Journal of Neurosurgery</i> , 2019, 131, 517-525.	1.6	20
123	Predicting nonroutine discharge after elective spine surgery: external validation of machine learning algorithms. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 742-747.	1.7	41
124	Predicting Readmission and Reoperation for Vestibular Schwannoma: A Nationwide Analysis. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, .	0.8	0
125	Abstract 637: A prospective study of tea and coffee intake and risk of glioma. , 2019, , .		0
126	Quality improvement in neurology: Neuro-Oncology Quality Measurement Set. <i>Neuro-Oncology</i> , 2018, 20, 531-537.	1.2	5

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127	Natural and Artificial Intelligence in Neurosurgery: A Systematic Review. <i>Neurosurgery</i> , 2018, 83, 181-192.	1.1	182
128	Thirty-Day Outcomes After Craniotomy for Primary Malignant Brain Tumors. <i>Neurosurgery</i> , 2018, 83, 1249-1259.	1.1	44
129	Quality improvement in neurology. <i>Neurology</i> , 2018, 90, 652-658.	1.1	7
130	Letter: Big Data Research in Neurosurgery: A Critical Look at This Popular New Study Design. <i>Neurosurgery</i> , 2018, 82, E186-E187.	1.1	2
131	Defining Innovation in Neurosurgery: Results from an International Survey. <i>World Neurosurgery</i> , 2018, 114, e1038-e1048.	1.3	9
132	A prognostic role for Low tri-iodothyronine syndrome in acute stroke patients: A systematic review and meta-analysis. <i>Clinical Neurology and Neurosurgery</i> , 2018, 169, 55-63.	1.4	26
133	Headache Resolution After Rathke Cleft Cyst Resection: A Meta-Analysis. <i>World Neurosurgery</i> , 2018, 111, e764-e772.	1.3	8
134	Coiling Versus Microsurgical Clipping in the Treatment of Unruptured Middle Cerebral Artery Aneurysms: A Meta-Analysis. <i>Neurosurgery</i> , 2018, 83, 879-889.	1.1	44
135	Geographic proximity to specialized pediatric neurosurgical care in the contiguous United States. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 21, 434-438.	1.3	22
136	Gross total resection of pituitary adenomas after endoscopic vs. microscopic transsphenoidal surgery: a meta-analysis. <i>Acta Neurochirurgica</i> , 2018, 160, 1005-1021.	1.7	82
137	Length of Thromboprophylaxis in Patients Operated on for a High-Grade Glioma: A Retrospective Study.. <i>World Neurosurgery</i> , 2018, 115, e723-e730.	1.3	10
138	Reoperation and readmission after clipping of an unruptured intracranial aneurysm: a National Surgical Quality Improvement Program analysis. <i>Journal of Neurosurgery</i> , 2018, 128, 756-767.	1.6	21
139	Pediatric Clival Chordoma: A Curable Disease that Conforms to Collins' Law. <i>Neurosurgery</i> , 2018, 82, 652-660.	1.1	18
140	Transitional care services: a quality and safety process improvement program in neurosurgery. <i>Journal of Neurosurgery</i> , 2018, 128, 1570-1577.	1.6	15
141	Venous thromboembolism and intracranial hemorrhage after craniotomy for primary malignant brain tumors: a National Surgical Quality Improvement Program analysis. <i>Journal of Neuro-Oncology</i> , 2018, 136, 135-145.	2.9	50
142	Machine Learning and Neurosurgical Outcome Prediction: A Systematic Review. <i>World Neurosurgery</i> , 2018, 109, 476-486.e1.	1.3	302
143	Cigarette smoking and outcomes after aneurysmal subarachnoid hemorrhage: a nationwide analysis. <i>Journal of Neurosurgery</i> , 2018, 129, 446-457.	1.6	30
144	Physiologic Growth Hormone Replacement Therapy and Craniopharyngioma Recurrence in Pediatric Patients: A Meta-Analysis. <i>World Neurosurgery</i> , 2018, 109, 487-496.e1.	1.3	34

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145	Presentation, Treatment, and Long-Term Outcome of Intracellar Chordoma: A Pooled Analysis of Institutional, SEER (Surveillance Epidemiology and End Results), and Published Data. <i>World Neurosurgery</i> , 2018, 109, e676-e683.	1.3	4
146	The endoscopic endonasal approach is not superior to the microscopic transcranial approach for anterior skull base meningiomas—a meta-analysis. <i>Acta Neurochirurgica</i> , 2018, 160, 59-75.	1.7	93
147	An introduction and overview of machine learning in neurosurgical care. <i>Acta Neurochirurgica</i> , 2018, 160, 29-38.	1.7	116
148	Quality of reporting and assessment of patient-reported health-related quality of life in patients with brain metastases: a systematic review. <i>Neuro-Oncology Practice</i> , 2018, 5, 214-222.	1.6	8
149	CMET-07. FRAILITY PREDICTS MORTALITY AFTER RESECTION OF BRAIN METASTASES. <i>Neuro-Oncology</i> , 2018, 20, vi55-vi55.	1.2	0
150	Cervical Spine Osteomyelitis: A Systematic Review of Instrumented Fusion in the Modern Era. <i>World Neurosurgery</i> , 2018, 120, e562-e572.	1.3	7
151	Management of metastatic melanoma: improved survival in a national cohort following the approvals of checkpoint blockade immunotherapies and targeted therapies. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 1833-1844.	4.2	52
152	The survival effect of valproic acid in glioblastoma and its current trend: a systematic review and meta-analysis. <i>Clinical Neurology and Neurosurgery</i> , 2018, 174, 149-155.	1.4	19
153	Dexamethasone Administration and Mortality in Patients with Brain Abscess: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2018, 115, 257-263.	1.3	16
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