

Nathan A Shlobin

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

1,311
citations

471371

17
h-index

454834

30
g-index

116
all docs

116
docs citations

116
times ranked

1442
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequent neurologic manifestations and encephalopathy associated morbidity in Covid-19 patients. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 2221-2230.	1.7	362
2	Using artificial intelligence (AI) to predict postoperative surgical site infection: A retrospective cohort of 4046 posterior spinal fusions. <i>Clinical Neurology and Neurosurgery</i> , 2020, 192, 105718.	0.6	48
3	A Systematic Review of Complications Following Minimally Invasive Spine Surgery Including Transforaminal Lumbar Interbody Fusion. <i>Current Reviews in Musculoskeletal Medicine</i> , 2019, 12, 328-339.	1.3	35
4	Social Media in Neurosurgery: A Systematic Review. <i>World Neurosurgery</i> , 2021, 149, 38-50.	0.7	34
5	Informed consent in neurosurgery: a systematic review. <i>Neurosurgical Focus</i> , 2020, 49, E6.	1.0	33
6	Neuroprotective Effects and Treatment Potential of Incretin Mimetics in a Murine Model of Mild Traumatic Brain Injury. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 356.	1.8	29
7	Cerebrospinal Fluid-Venous Fistulas: A Systematic Review and Examination of Individual Patient Data. <i>Neurosurgery</i> , 2021, 88, 931-941.	0.6	28
8	Role of Thrombin in Central Nervous System Injury and Disease. <i>Biomolecules</i> , 2021, 11, 562.	1.8	27
9	Artificial Intelligence Applications in Pediatric Brain Tumor Imaging: A Systematic Review. <i>World Neurosurgery</i> , 2022, 157, 99-105.	0.7	27
10	Cervical spine manifestations of rheumatoid arthritis: a review. <i>Neurosurgical Review</i> , 2021, 44, 1957-1965.	1.2	26
11	A Bibliographic Analysis of the Most Cited Articles in Global Neurosurgery. <i>World Neurosurgery</i> , 2020, 144, e195-e203.	0.7	25
12	Patient Education in Neurosurgery: Part 2 of a Systematic Review. <i>World Neurosurgery</i> , 2021, 147, 190-201.e1.	0.7	24
13	Ethical considerations and patient safety concerns for cancelling non-urgent surgeries during the COVID-19 pandemic: a review. <i>Patient Safety in Surgery</i> , 2021, 15, 19.	1.1	22
14	Artificial Intelligence for Large-Vessel Occlusion Stroke: A Systematic Review. <i>World Neurosurgery</i> , 2022, 159, 207-220.e1.	0.7	21
15	Patient Education in Neurosurgery: Part 1 of a Systematic Review. <i>World Neurosurgery</i> , 2021, 147, 202-214.e1.	0.7	20
16	Online Ratings of Neurosurgeons. <i>Neurosurgery</i> , 2018, 83, 1143-1152.	0.6	19
17	Drivers for the comorbidity of type 2 diabetes mellitus and epilepsy: A scoping review. <i>Epilepsy and Behavior</i> , 2020, 106, 107043.	0.9	19
18	Contribution of a positive psychology-based conceptual framework in reducing physician burnout and improving well-being: a systematic review. <i>BMC Medical Education</i> , 2021, 21, 593.	1.0	19

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19	Transcranial Doppler Ultrasound Evidence of Active Cerebral Embolization in COVID-19. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105542.	0.7	18
20	Folate fortification and supplementation in prevention of folate-sensitive neural tube defects: a systematic review of policy. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 294-310.	0.8	16
21	Educating the Next Generation of Global Neurosurgeons: Competencies, Skills, and Resources for Medical Students Interested in Global Neurosurgery. <i>World Neurosurgery</i> , 2021, 155, 150-159.	0.7	16
22	Ethical Considerations in the Implantation of Neuromodulatory Devices. <i>Neuromodulation</i> , 2022, 25, 222-231.	0.4	16
23	Letter: The World Health Organization's Intersectoral Global Action Plan on Epilepsy and Other Neurological Disorders 2022-2031. <i>Neurosurgery</i> , 2022, 90, e201-e203.	0.6	15
24	Ethical considerations in the surgical and neuromodulatory treatment of epilepsy. <i>Epilepsy and Behavior</i> , 2022, 127, 108524.	0.9	13
25	Deep Learning for Outcome Prediction in Neurosurgery: A Systematic Review of Design, Reporting, and Reproducibility. <i>Neurosurgery</i> , 2022, 90, 16-38.	0.6	13
26	Classifying epilepsy pragmatically: Past, present, and future. <i>Journal of the Neurological Sciences</i> , 2021, 427, 117515.	0.3	12
27	Social Media as a Tool for Patient Education in Neurosurgery: An Overview. <i>World Neurosurgery</i> , 2022, 161, 127-134.	0.7	12
28	Persistent viral RNA shedding of SARS-CoV-2 is associated with delirium incidence and six-month mortality in hospitalized COVID-19 patients. <i>GeroScience</i> , 2022, 44, 1241-1254.	2.1	12
29	Global Epidemiology of Craniosynostosis: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2022, 164, 413-423.e3.	0.7	12
30	Global Neurosurgery in the Context of Global Public Health Practice—A Literature Review of Case Studies. <i>World Neurosurgery</i> , 2022, 165, 20-26.	0.7	11
31	Surgical Management of Chronic Subdural Hematoma in Older Adults: A Systematic Review. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1454-1462.	1.7	10
32	Abnormal movements in hospitalized COVID-19 patients: A case series. <i>Journal of the Neurological Sciences</i> , 2021, 423, 117377.	0.3	10
33	Impact of COVID-19 on Neurosurgery in Brazil's Health System: The Reality of a Developing Country Affected by the Pandemic. <i>World Neurosurgery</i> , 2021, 155, e142-e149.	0.7	10
34	The Relationship Between Limited English Proficiency and Outcomes in Stroke Prevention, Management, and Rehabilitation: A Systematic Review. <i>Frontiers in Neurology</i> , 2022, 13, 790553.	1.1	10
35	State of the Evidence for Proximal Junctional Kyphosis Prevention in Adult Spinal Deformity Surgery: A Systematic Review of Current Literature. <i>World Neurosurgery</i> , 2022, 161, 179-189.e1.	0.7	10
36	Treatment of pediatric cerebral venous sinus thromboses: the role of anticoagulation. <i>Child's Nervous System</i> , 2020, 36, 2621-2633.	0.6	9

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37	Completion Corpus Callosotomy with Stereotactic Radiosurgery for Drug-Resistant, Intractable Epilepsy. <i>World Neurosurgery</i> , 2020, 143, 440-444.	0.7	9
38	Acute-care hospital reencounters in COVID-19 patients. <i>GeroScience</i> , 2021, 43, 2041-2053.	2.1	9
39	Letter: Operationalizing Global Neurosurgery Research in Neurosurgical Journals. <i>Neurosurgery</i> , 2021, 89, E171-E172.	0.6	9
40	Commentary: Preferred Reporting Items for Systematic Reviews and Meta-Analyses 2020 Statement: What Neurosurgeons Should Know. <i>Neurosurgery</i> , 2021, 89, E267-E268.	0.6	9
41	Global incidence proportion of intraventricular haemorrhage of prematurity: a meta-analysis of studies published 2010–2020. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2022, 107, 513-519.	1.4	9
42	Effects of the physician payments sunshine act on the patient experience and perception of care amongst neurosurgeons: A comparative study of online PRW ratings and industry payments. <i>Clinical Neurology and Neurosurgery</i> , 2019, 176, 127-132.	0.6	8
43	Characteristics of Global Neurosurgery Sessions: A Retrospective Analysis of Major International Neurosurgical Conferences. <i>World Neurosurgery</i> , 2021, 150, e790-e793.	0.7	8
44	Recent Trends in Medicare Utilization and Reimbursement for Lumbar Fusion Procedures: 2000–2019. <i>World Neurosurgery</i> , 2022, 165, e191-e196.	0.7	8
45	Vertebral artery dissections with and without cervical spine fractures: Analysis of 291 patients. <i>Clinical Neurology and Neurosurgery</i> , 2020, 197, 106184.	0.6	7
46	Spontaneous Spinal Cerebrospinal Fluid Leak: Review and Management Algorithm. <i>World Neurosurgery</i> , 2021, 150, 133-139.	0.7	7
47	Flow Diversion of Posterior Circulation Aneurysms: Systematic Review of Disaggregated Individual Patient Data. <i>American Journal of Neuroradiology</i> , 2021, 42, 1827-1833.	1.2	7
48	The Current State of Neurosurgery in Somaliland. <i>World Neurosurgery</i> , 2021, 153, 44-51.	0.7	7
49	Diversity in Neurosurgical Recruitment and Training in the United States: A Systematic Review. <i>World Neurosurgery</i> , 2022, 162, 111-117.e1.	0.7	7
50	Chiropractic associated vertebral artery dissection: An analysis of 34 patients amongst a cohort of 310. <i>Clinical Neurology and Neurosurgery</i> , 2021, 206, 106665.	0.6	6
51	Predictors of an academic career among fellowship-trained spinal neurosurgeons. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-8.	0.9	6
52	Surgical Stabilization of a Cervical Fracture in a Patient with Ankylosing Spondylitis in the Sitting Position. <i>Cureus</i> , 2020, 12, e6625.	0.2	6
53	Management of Lambdoid Craniosynostosis: A Comprehensive and Systematic Review. <i>Pediatric Neurosurgery</i> , 2022, 57, 1-16.	0.4	6
54	Intradural Cauda Equina Metastases: A Systematic Review of Clinico-radiological Features, Management, and Treatment Outcomes. <i>Anticancer Research</i> , 2022, 42, 1661-1669.	0.5	6

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55	Current Principles in the Management of Drug-Resistant Epilepsy. <i>CNS Drugs</i> , 2022, 36, 555-568.	2.7	6
56	Health Literacy in Neurosurgery: A Scoping Review. <i>World Neurosurgery</i> , 2022, 166, 71-87.	0.7	6
57	An Assessment of Global Neurotrauma Prevention and Care Delivery: The Provider Perspective. <i>World Neurosurgery</i> , 2021, 156, e183-e191.	0.7	5
58	Adoption of Advanced Microneurosurgical Technologies: An International Survey. <i>World Neurosurgery</i> , 2022, 157, e473-e483.	0.7	5
59	The role of medical school prestige and location in neurosurgery residency placement: An analysis of data from 2016 to 2020. <i>Clinical Neurology and Neurosurgery</i> , 2021, 210, 106980.	0.6	5
60	Use of Tranexamic Acid for Elective Resection of Intracranial Neoplasms: A Systematic Review. <i>World Neurosurgery</i> , 2022, 160, e209-e219.	0.7	5
61	Bony fixation in the era of spinal robotics: A systematic review and meta-analysis. <i>Journal of Clinical Neuroscience</i> , 2022, 97, 62-74.	0.8	5
62	The role of preoperative embolization in the treatment of spinal metastases from renal cell carcinoma. <i>Clinical Neurology and Neurosurgery</i> , 2022, 215, 107181.	0.6	5
63	Establishing collaborations in global neurosurgery: The role of InterSurgeon. <i>Journal of Clinical Neuroscience</i> , 2022, 100, 164-168.	0.8	5
64	Ethical Considerations in Surgical Decompression for Stroke. <i>Stroke</i> , 2022, 53, 2673-2682.	1.0	5
65	Using Functionality Rather than Elective Nature to Characterize Neurosurgeries During Pandemic Triage. <i>American Journal of Bioethics</i> , 2020, 20, 196-198.	0.5	4
66	Incidence of catheter-associated right atrial thrombus detected by transthoracic echocardiogram. <i>Echocardiography</i> , 2021, 38, 435-439.	0.3	4
67	It Is Time to Increase Representation of Medical Students' Perspectives in Opinion Articles. <i>Academic Medicine</i> , 2021, 96, 776-777.	0.8	4
68	A National Survey Evaluating the Impact of the COVID-19 Pandemic on Students Pursuing Careers in Neurosurgery. <i>NeuroSci</i> , 2021, 2, 320-333.	0.4	4
69	Virtual Neurosurgery Education for Medical Students without Home Residency Programs: A Survey of 2020 Virtual Neurosurgery Training Camp Attendees. <i>World Neurosurgery</i> , 2021, , .	0.7	4
70	Evaluation of Surgical Cleavage Plane by Preoperative Magnetic Resonance Imaging Findings in Adult Intracranial Meningiomas. <i>Life</i> , 2022, 12, 473.	1.1	4
71	Impact of Resident Participation During Surgery on Neurosurgical Outcomes: A Meta-Analysis. <i>World Neurosurgery</i> , 2020, 142, 1-12.	0.7	3
72	A Call for Studies Examining the Management of Chronic Subdural Hematoma in Older Adult Cohorts. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, e158-e158.	1.7	3

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73	Vertebral Artery Dissections With Concurrent Intracranial Hemorrhage: A Case Series of 13 Patients Among a Cohort of 301. <i>World Neurosurgery</i> , 2021, 149, e1128-e1133.	0.7	3
74	Diversity and inclusion in neurosurgery. <i>Lancet Neurology</i> , The, 2021, 20, 419-420.	4.9	3
75	Characteristics and Predictors of Outcome of Pseudoaneurysms Associated With Vertebral Artery Dissections: A 310-Patient Case Series. <i>Operative Neurosurgery</i> , 2021, 20, 456-461.	0.4	3
76	Residency Program Director Perceptions of Resident Performance Between Graduates of Medical Schools With Pass/Fail Versus Tiered Grading System for Clinical Clerkships: A Meta-Analysis. <i>Academic Medicine</i> , 2021, 96, S216-S217.	0.8	3
77	Reducing Sudden Unexpected Death in Epilepsy: Considering Risk Factors, Pathophysiology and Strategies. <i>Current Treatment Options in Neurology</i> , 2021, 23, 1.	0.7	3
78	The Perceived Utility of 3 Online Resources for Medical Student Neurosurgery Education. <i>World Neurosurgery</i> , 2022, 163, 205-213.	0.7	3
79	Clinical Characteristics, Course, and Outcomes of Vertebral Artery Dissections in the Postpartum Period. <i>Neurosurgery</i> , 2021, 89, 792-799.	0.6	2
80	Traumatic and Spontaneous Vertebral Artery Dissections: An Analysis of Tertiary-Center 310 Patient Cohort. <i>Operative Neurosurgery</i> , 2021, 21, 343-350.	0.4	2
81	Advancing neuropalliative care. <i>Lancet Neurology</i> , The, 2021, 20, 886.	4.9	2
82	Reporting Policies in Neurosurgical Journals: A Meta-Science Study of the Current State and Case for Standardization. <i>World Neurosurgery</i> , 2021, 158, 11-23.	0.7	2
83	Towards a pragmatic epilepsy classification: Future considerations. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020, 79, 95-96.	0.9	2
84	Psychological comorbidities in pediatric neurosurgery: an opportunity to improve care. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 29, 358-359.	0.8	2
85	A Call to Include Medical Students on Editorial Boards of Medical Journals. <i>Academic Medicine</i> , 2022, 97, 168-170.	0.8	2
86	Identifying Barriers and Facilitators to the Improvement of Healthcare Delivery and Ethics in Two Cameroonian Neurosurgical Centers. <i>Frontiers in Surgery</i> , 2021, 8, 703867.	0.6	2
87	Neuropalliative care for the neurosurgeon: a primer. <i>Journal of Neurosurgery</i> , 2022, 137, 850-858.	0.9	2
88	Visual Outcomes After Treatment for Sporadic Optic Pathway Gliomas in Pediatric Patients: A Systematic Review. <i>World Neurosurgery</i> , 2022, 164, 436-449.e2.	0.7	2
89	Nonopioid Postoperative Pain Management in Neurosurgery. <i>Neurosurgery Clinics of North America</i> , 2022, , .	0.8	2
90	Increasing Equity in Medical Student Neurosurgery Education Through Distance Learning. <i>World Neurosurgery</i> , 2022, 163, 187-196.e8.	0.7	2

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91	Distance Learning for Medical Students without a Neurosurgery Interest Group. World Neurosurgery, 2022, 163, 197-204.e8.	0.7	2
92	Metabolic issues in people with epilepsy. Epilepsy and Behavior, 2020, 108, 107081.	0.9	1
93	Failures in Revascularization for Pediatric Moyamoya Disease and Syndrome: A Scoping Review. World Neurosurgery, 2021, 149, 204-214.e1.	0.7	1
94	Clinical Usefulness of Genetic Testing For Patients with Moyamoya Disease: A Systematic Review. World Neurosurgery, 2021, 152, 198-205.e1.	0.7	1
95	Surgical management of myelocystocele: a single-center experience with long-term functional outcomes. Journal of Neurosurgery: Pediatrics, 2022, 29, 488-496.	0.8	1
96	The need for a pragmatic seizure classification in clinical trials. Epilepsia, 2022, 63, 1279-1280.	2.6	1
97	Letter to the Editor. Excessive neurosurgical research involvement among interested neurosurgical trainees: strengths and shortcomings. Journal of Neurosurgery, 2022, , 1-2.	0.9	1
98	Utility of Virtual Spine Neurosurgery Education for Medical Students. World Neurosurgery, 2022, 163, 179-186.	0.7	1
99	The best neurosurgical non-required required reading: Social media. Journal of Clinical Neuroscience, 2022, 103, 1-3.	0.8	1
100	In Reply to the Letter to the Editor Regarding "Spontaneous Spinal Cerebrospinal Fluid Leak: Review and Management Algorithm". World Neurosurgery, 2021, 150, 252.	0.7	0
101	Commentary: Reporting Guidelines for Studies on Artificial Intelligence: What Neurosurgeons Should Know. Neurosurgery, 2021, 89, E316-E317.	0.6	0
102	Engaging Medical Students in Neurointervention: Rationale and Recruitment. World Neurosurgery, 2021, 154, 80-82.	0.7	0
103	Letter to the Editor Regarding Editor-in-Chief's August 2021 Letter on "Leadership". World Neurosurgery, 2021, 155, 205.	0.7	0
104	Letter to the Editor Regarding "Application of Remote Deep Brain Stimulation Programming for Parkinson Disease Patients". World Neurosurgery, 2021, 155, 199.	0.7	0
105	Letter to the Editor Regarding "Social Media Use Among Neurosurgery Trainees: A Survey of North American Training Programs". World Neurosurgery, 2021, 156, 151.	0.7	0
106	Medical Malpractice Litigation Involving Arteriovenous Malformations of the Central Nervous System. World Neurosurgery, 2022, 160, e601-e607.	0.7	0
107	Case-Control Studies in Neurosurgery: the Issue of Effect Estimates. World Neurosurgery, 2022, , .	0.7	0
108	A Call for a More Personalized Oath for Entering Medical Students. Academic Medicine, 2022, 97, 625-625.	0.8	0

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109	Clinical Trials of Microsurgery for Cerebral Aneurysms: Past and Future. <i>World Neurosurgery</i> , 2022, 161, 354-366.	0.7	0
110	Letter to the Editor: Neurosurgical Conferences Should Be Free for Medical Students: A Call to Action. <i>World Neurosurgery</i> , 2022, 161, 213.	0.7	0
111	Letter to the Editor Regarding “Editor-in-Chief’s April 2021 Letter on “The Humility Button””. <i>World Neurosurgery</i> , 2022, 161, 209-210.	0.7	0
112	Neurosurgical Education for Medical Students: A Scoping Review. <i>World Neurosurgery</i> , 2022, 163, 155-163.e6.	0.7	0
113	Community-engaged research: a powerful tool to reduce health disparities and improve outcomes in pediatric neurosurgery. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 30, 364-366.	0.8	0