

Evan Luther

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

1,310
citations

430874

18
h-index

454955

30
g-index

110
all docs

110
docs citations

110
times ranked

1459
citing authors

#	ARTICLE	IF	CITATIONS
1	Transradial versus transfemoral access for anterior circulation mechanical thrombectomy: comparison of technical and clinical outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 874-878.	3.3	112
2	The prognostic significance of CDKN2A homozygous deletion in IDH-mutant lower-grade glioma and glioblastoma: a systematic review of the contemporary literature. <i>Journal of Neuro-Oncology</i> , 2020, 148, 221-229.	2.9	68
3	Letter: Academic Neurosurgery Department Response to COVID-19 Pandemic: The University of Miami/Jackson Memorial Hospital Model. <i>Neurosurgery</i> , 2020, 87, E63-E65.	1.1	68
4	The Role of Laser Interstitial Thermal Therapy in Surgical Neuro-Oncology: Series of 100 Consecutive Patients. <i>Neurosurgery</i> , 2020, 87, 266-275.	1.1	66
5	Telemedicine in Neurosurgery: Lessons Learned from a Systematic Review of the Literature for the COVID-19 Era and Beyond. <i>Neurosurgery</i> , 2021, 88, E1-E12.	1.1	57
6	Lower complication rates associated with transradial versus transfemoral flow diverting stent placement. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 91-95.	3.3	54
7	Long-Term Outcomes of Mechanical Thrombectomy for Stroke: A Meta-Analysis. <i>Scientific World Journal, The</i> , 2019, 2019, 1-9.	2.1	44
8	Treatment and diagnosis of cerebral aneurysms in the post-International Subarachnoid Aneurysm Trial (ISAT) era: trends and outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 682-687.	3.3	42
9	Endothelial dysfunction in cerebral aneurysms. <i>Neurosurgical Focus</i> , 2019, 47, E3.	2.3	39
10	Survival benefit of lobectomy for glioblastoma: moving towards radical supramaximal resection. <i>Journal of Neuro-Oncology</i> , 2020, 148, 501-508.	2.9	37
11	Myelomeningocele-associated hydrocephalus: nationwide analysis and systematic review. <i>Neurosurgical Focus</i> , 2019, 47, E5.	2.3	35
12	Minimally invasive resection of intracranial lesions using tubular retractors: a large, multi-surgeon, multi-institutional series. <i>Journal of Neuro-Oncology</i> , 2020, 149, 35-44.	2.9	29
13	Radical Laser Interstitial Thermal Therapy Ablation Volumes Increase Progression-Free Survival in Biopsy-Proven Radiation Necrosis. <i>World Neurosurgery</i> , 2020, 136, e646-e659.	1.3	28
14	Augmented reality head-mounted display-based incision planning in cranial neurosurgery: a prospective pilot study. <i>Neurosurgical Focus</i> , 2021, 51, E3.	2.3	26
15	Hospital teaching status associated with reduced inpatient mortality and perioperative complications in surgical neuro-oncology. <i>Journal of Neuro-Oncology</i> , 2020, 146, 389-396.	2.9	24
16	Optical Coherence Tomography. <i>Stroke</i> , 2018, 49, 1044-1050.	2.0	23
17	Brain Tumor Surgery is Safe in Octogenarians and Nonagenarians: A Single-Surgeon 741 Patient Series. <i>World Neurosurgery</i> , 2019, 132, e185-e192.	1.3	22
18	Implementation of a radial long sheath protocol for radial artery spasm reduces access site conversions in neurointerventions. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 547-551.	3.3	21

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19	Stimulated Raman Histology for Rapid Intraoperative Diagnosis of Gliomas. <i>World Neurosurgery</i> , 2021, 150, e135-e143.	1.3	21
20	Effects of Body Mass Index on Perioperative Outcomes in Patients Undergoing Anterior Cervical Discectomy and Fusion Surgery. <i>Neurospine</i> , 2021, 18, 79-86.	2.9	20
21	Early Changes to Neurosurgery Resident Training During the COVID-19 Pandemic at a Large U.S. Academic Medical Center. <i>World Neurosurgery</i> , 2020, 144, e926-e933.	1.3	20
22	Resection versus biopsy in the treatment of multifocal glioblastoma: a weighted survival analysis. <i>Journal of Neuro-Oncology</i> , 2020, 148, 155-164.	2.9	19
23	Navigating radial artery loops in neurointerventions. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 1027-1031.	3.3	19
24	Hair-sparing technique using absorbable intradermal barbed suture versus traditional closure methods in supratentorial craniotomies for tumor. <i>Acta Neurochirurgica</i> , 2020, 162, 719-727.	1.7	17
25	Prolonged Heightened Blood Pressure Following Mechanical Thrombectomy for Acute Stroke is Associated with Worse Outcomes. <i>Neurocritical Care</i> , 2020, 32, 198-205.	2.4	16
26	Multiple Iterations of Magnetic Resonance-Guided Laser Interstitial Thermal Ablation of Brain Metastases: Single Surgeon's Experience and Review of the Literature. <i>Operative Neurosurgery</i> , 2020, 19, 195-204.	0.8	16
27	Central Neurocytoma Treatment Modalities: A Systematic Review Assessing the Outcomes of Combined Maximal Safe Resection and Radiotherapy with Gross Total Resection. <i>World Neurosurgery</i> , 2020, 137, e176-e182.	1.3	15
28	Incidence of high grade gliomas presenting as radiographically non-enhancing lesions: experience in 111 surgically treated non-enhancing gliomas with tissue diagnosis. <i>Journal of Neuro-Oncology</i> , 2020, 147, 671-679.	2.9	15
29	Magnetic resonance-guided laser interstitial thermal therapy for posterior fossa neoplasms. <i>Journal of Neuro-Oncology</i> , 2020, 149, 533-542.	2.9	14
30	Bilateral Transradial Access for Complex Posterior Circulation Interventions. <i>World Neurosurgery</i> , 2020, 139, 101-105.	1.3	14
31	Forming the Simmons Catheter for Cerebral Angiography and Neurointerventions via the Transradial Approach—Techniques and Operative Videos. <i>World Neurosurgery</i> , 2021, 147, e351-e353.	1.3	14
32	National Trends and Correlates of Dysphagia After Anterior Cervical Discectomy and Fusion Surgery. <i>Neurospine</i> , 2021, 18, 147-154.	2.9	14
33	A Cohort Study on Prognostic Factors for Laser Interstitial Thermal Therapy Success in Newly Diagnosed Glioblastoma. <i>Neurosurgery</i> , 2021, 89, 496-503.	1.1	14
34	Laser Ablation for Cerebral Metastases. <i>Neurosurgery Clinics of North America</i> , 2020, 31, 537-547.	1.7	13
35	Upper extremity transvenous access for neuroendovascular procedures: an international multicenter case series. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 357-362.	3.3	13
36	Manual reduction of a radial artery loop under direct fluoroscopic visualization. <i>BMJ Case Reports</i> , 2021, 14, 1-4.	0.5	13

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37	Treatment strategies for patients with concurrent blunt cerebrovascular and traumatic brain injury. <i>Journal of Clinical Neuroscience</i> , 2021, 88, 243-250.	1.5	12
38	Perioperative Complications in Endoscopic Endonasal versus Transcranial Resections of Adult Craniopharyngiomas. <i>World Neurosurgery</i> , 2021, 152, e729-e737.	1.3	12
39	Prognosticating survival of pineal parenchymal tumors of intermediate differentiation (PPTID) by grade. <i>Journal of Neuro-Oncology</i> , 2021, 155, 165-172.	2.9	10
40	The role of neutrophil-to-lymphocyte ratio in predicting overall survival in patients undergoing laser interstitial thermal therapy for glioblastoma. <i>Journal of Clinical Neuroscience</i> , 2020, 72, 108-113.	1.5	9
41	Age of diagnosis clinically differentiates atypical teratoid/rhabdoid tumors diagnosed below age of 3 years: a database study. <i>Child's Nervous System</i> , 2021, 37, 1077-1085.	1.1	9
42	Neuro-oncology practice guidelines from a high-volume surgeon at the COVID-19 epicenter. <i>Journal of Clinical Neuroscience</i> , 2021, 85, 1-5.	1.5	9
43	Rapid Intraoperative Diagnosis of Meningiomas using Stimulated Raman Histology. <i>World Neurosurgery</i> , 2021, 150, e108-e116.	1.3	9
44	Robotic guidance platform for laser interstitial thermal ablation and stereotactic needle biopsies: a single center experience. <i>Journal of Robotic Surgery</i> , 2022, 16, 549-557.	1.8	9
45	When "Peripheral" Becomes "Central": Primary and Secondary Malignant Intracerebral Nerve Sheath Tumor: A Case Report and a Systematic Review. <i>Neurosurgery</i> , 2021, 88, 1074-1087.	1.1	8
46	Stimulated Raman Histology for Intraoperative Guidance in the Resection of a Recurrent Atypical Spheno-orbital Meningioma: A Case Report and Review of Literature. <i>Cureus</i> , 2019, 11, e5905.	0.5	8
47	Systematic Review of Epigenetic Therapies for Treatment of IDH-mutant Glioma. <i>World Neurosurgery</i> , 2022, 162, 47-56.	1.3	8
48	Complete Regression of a Solitary Cholangiocarcinoma Brain Metastasis Following Laser Interstitial Thermal Therapy. <i>World Neurosurgery</i> , 2020, 144, 94-98.	1.3	7
49	The Focused Neurosurgical Examination During Telehealth Visits: Guidelines During the COVID-19 Pandemic and Beyond. <i>Cureus</i> , 2021, 13, e13503.	0.5	7
50	Supralesional Ablation Volumes Are Feasible in the Posterior Fossa and May Provide Enhanced Symptomatic Relief. <i>Operative Neurosurgery</i> , 2021, 21, 418-425.	0.8	7
51	Salvage craniotomy for treatment-refractory symptomatic cerebral radiation necrosis. <i>Neuro-Oncology Practice</i> , 2020, 7, 94-102.	1.6	6
52	Endoscopic third ventriculostomy inpatient failure rates compared with shunting in post-hemorrhagic hydrocephalus of prematurity. <i>Child's Nervous System</i> , 2020, 36, 559-568.	1.1	6
53	Rare Tumor-to-Tumor Metastases Involving Lung Adenocarcinoma to Petroclival Meningiomas. <i>World Neurosurgery</i> , 2020, 144, 125-135.	1.3	6
54	Contemporary outcomes of diffuse leptomeningeal glioneuronal tumor in pediatric patients: A case series and literature review. <i>Clinical Neurology and Neurosurgery</i> , 2022, 218, 107265.	1.4	6

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55	Treatment-Associated Stroke in Patients Undergoing Endovascular Therapy in the ARUBA Trial. <i>Stroke</i> , 2021, 52, e710-e714.	2.0	5
56	Iatrogenic Direct Carotid-cavernous Fistula Following Mechanical Thrombectomy: A Case Report and Review of the Literature. <i>Cureus</i> , 2020, 12, e7524.	0.5	5
57	Current experimental therapies for atypical and malignant meningiomas. <i>Journal of Neuro-Oncology</i> , 2021, 153, 203-210.	2.9	4
58	Incidence and Clinical Outcomes of Hypothyroidism in Patients Undergoing Spinal Fusion. <i>Cureus</i> , 2021, 13, e17099.	0.5	4
59	The Emerging Relevance of H3K27 Trimethylation Loss in Meningioma: A Systematic Review of Recurrence and Overall Survival with Meta-Analysis. <i>World Neurosurgery</i> , 2022, 163, 87-95.e1.	1.3	4
60	Traumatic brain injury and subsequent brain tumor development: a systematic review of the literature. <i>Neurosurgical Review</i> , 2022, 45, 3003-3018.	2.4	4
61	Multifocal Intracranial Ganglioglioma in a Sexagenarian: Case Report and Review of the Current Literature. <i>World Neurosurgery</i> , 2020, 138, 498-503.	1.3	3
62	The Use of Endoscopic Third Ventriculostomy as Treatment for Idiopathic Intracranial Hypertension: Case Report and a Review of Previously Reported Cases. <i>World Neurosurgery</i> , 2020, 141, 373-376.	1.3	3
63	Medical Adjuvants in the Treatment of Surgically Refractory Arteriovenous Malformations of the Head and Face: Case Report and Review of Literature. <i>Cerebrovascular Diseases</i> , 2021, 50, 493-499.	1.7	3
64	In Reply: Telemedicine in Neurosurgery: Lessons Learned From a Systematic Review of the Literature for the COVID-19 Era and Beyond. <i>Neurosurgery</i> , 2021, 89, E193-E193.	1.1	3
65	Giant, symptomatic mixed vascular malformation containing a cavernoma, developmental venous anomaly, and capillary telangiectasia in a 19-month-old infant. <i>Child's Nervous System</i> , 2022, 38, 1005-1009.	1.1	3
66	Repair of isthmic pars interarticularis fractures: a literature review of conventional and minimally invasive techniques. <i>Journal of Neurosurgical Sciences</i> , 2019, 63, 318-329.	0.6	3
67	Interplay between vascular hemodynamics and the glymphatic system in the pathogenesis of idiopathic normal pressure hydrocephalus, exploring novel neuroimaging diagnostics. <i>Neurosurgical Review</i> , 2022, 45, 1255-1261.	2.4	3
68	The utility of congenital cardiac status to predict endoscopic third ventriculostomy and ventriculoperitoneal shunt failure in hydrocephalic infants. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 29, 528-535.	1.3	3
69	Radial Access Techniques. <i>Neurosurgery Clinics of North America</i> , 2022, 33, 149-159.	1.7	3
70	Percutaneous Instrumentation of a Complex Lumbar Spine Fracture with Bilateral Pedicle Dissociation: Case Report and Technical Note. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2018, 79, 416-423.	0.8	2
71	Utilizing systematic reviews and meta-analyses effectively to evaluate brain tumor biomarkers. <i>Biomarkers in Medicine</i> , 2020, 14, 817-820.	1.4	2
72	Fusiform Dilatation of the Internal Carotid Artery in Childhood-Onset Craniopharyngioma: A Systematic Review. <i>World Neurosurgery</i> , 2022, 162, 77-84.	1.3	2

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73	Effect of Hispanic Status in Mechanical Thrombectomy Outcomes After Ischemic Stroke: Insights From STAR. <i>Stroke</i> , 2021, 52, e715-e719.	2.0	2
74	Predictors of Balloon Guide Catheter Assistance Success in Stent-retrieval Thrombectomy for an Anterior Circulation Acute Ischemic Stroke. <i>Cureus</i> , 2019, 11, e5350.	0.5	2
75	Augmented Reality for Enhancing Image-Guided Neurosurgery: Superimposing the Future onto the Present. <i>World Neurosurgery</i> , 2022, 157, 235-236.	1.3	2
76	Rupture of a de novo dural AV fistula following adult cerebral AVM resection. <i>BMJ Case Reports</i> , 2021, 14, e246758.	0.5	2
77	Intracranial aneurysms in the infant population: an institutional case series and individual participant data meta-analysis. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, , 1-11.	1.3	2
78	Heterotopic Bone Formation 20 Years After Gunshot Wound to the Cervical Spine: A Rare Cause of Progressive Cervical Myelopathy in a Previously Asymptomatic Patient. <i>World Neurosurgery</i> , 2019, 132, 197-201.	1.3	1
79	Use of Cervical Disk Arthroplasty to Treat Noncontiguous Cervical Disk Herniations. <i>World Neurosurgery</i> , 2020, 133, 163-166.	1.3	1
80	Recurrent Syncope Caused by a Dural Arteriovenous Fistula. <i>Neurologist</i> , 2021, 26, 62-65.	0.7	1
81	Recurrent adult pilocytic astrocytoma presenting with intraventricular and leptomeningeal spread. , 2021, 12, 359.		1
82	Is endoscopic resection a useful technique for a cavernous sinus sellar cavernoma? A case report and literature review. <i>British Journal of Neurosurgery</i> , 2021, , 1-8.	0.8	1
83	Using smartphone-based accelerometers to gauge postoperative outcomes in patients with NPH: Implications for ambulatory monitoring. , 2021, 12, 464.		1
84	Building a Brain Tumor Practice: Objective Analysis of Referral Patterns and Implications for the Growth of a Subspecialty Surgical Program. <i>Cureus</i> , 2020, 12, e10416.	0.5	1
85	Commentary: Bilateral "Rescue Strip" Technique for Endoscopic Endonasal Approaches to the Clivus. <i>Operative Neurosurgery</i> , 2021, 20, E116-E117.	0.8	1
86	Staged embolisation of a giant torcular dural sinus malformation in a neonate. <i>BMJ Case Reports</i> , 2021, 14, e244216.	0.5	1
87	Distinct survival and clinical profile of infantile glioblastoma: insights from a national database. <i>Child's Nervous System</i> , 2022, 38, 85-94.	1.1	1
88	Transcortical resection of a giant bilobed falx meningioma. <i>British Journal of Neurosurgery</i> , 2022, , 1-4.	0.8	1
89	Rare Event Captured with Intracranial Pressure Monitor: Malignant Spike in Intracranial Pressure During Delayed Chest Closure in Heart-Transplant Patient with Ischemic Stroke. <i>World Neurosurgery</i> , 2018, 114, 301-304.	1.3	0
90	In Reply to the Letter to the Editor Regarding "Early Changes to Neurosurgery Resident Training During the COVID-19 Pandemic at a Large United States Academic Medical Center". <i>World Neurosurgery</i> , 2021, 146, 423.	1.3	0

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91	Commentary: An Update of Neuroanesthesia for Intraoperative Brain Mapping Craniotomy. <i>Neurosurgery</i> , 2021, 90, .	1.1	0
92	Commentary: Total Petrosectomy for the Total Resection of Sphenopetroclival Meningioma: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E24-E25.	0.8	0
93	Commentary: The Infratemporal Retro-Eustachian Transposition of the Temporoparietal Fascial Flap for Clival Reconstruction After Endoscopic Endonasal Approach: An Anatomic Conceptual Technique. <i>Operative Neurosurgery</i> , 2021, 21, E171-E172.	0.8	0
94	Commentary: Concomitant Embolization and Microsurgical Resection of a Giant, Hypervascular Skull Base Meningioma: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E99-E100.	0.8	0
95	Commentary: Early Experience With Virtual and Synchronized Augmented Reality Platform for Preoperative Planning and Intraoperative Navigation: A Case Series. <i>Operative Neurosurgery</i> , 2021, 21, E300-E301.	0.8	0
96	Commentary: Infra-Occipital Supra-Tentorial Approach for Resection of Low-Grade Tumor of the Left Lingual Gyrus: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E259-E260.	0.8	0
97	Commentary: Interposition Grafting of the Facial Nerve After Resection of a Large Facial Nerve Schwannoma: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E342-E343.	0.8	0
98	Commentary: Transcondylar Odontoid Resection and Stabilization for Craniovertebral Degenerative Compression: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E431-E432.	0.8	0
99	Commentary: Resection of a Medulla Oblongata Hemangioblastoma: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E436-E437.	0.8	0
100	Transient ipsilateral mydriasis following carotid artery stenting. <i>British Journal of Neurosurgery</i> , 2021, , 1-4.	0.8	0
101	Commentary: Resection of a Dumbbell-Shaped Facial Nerve Schwannoma With Preservation of Facial Nerve Function Through the Extended Middle Fossa Approach: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E532-E533.	0.8	0
102	Republished: Manual reduction of a radial artery loop under direct fluoroscopic visualization. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2021-017665.rep.	3.3	0
103	Commentary: Glomus Vagale Tumor Resection: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 20, E58-E59.	0.8	0
104	Commentary: Syringomyelia From Extramedullary Compression: Resolution After Microsurgical Resection of a High-Cervical Spine Schwannoma: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2022, 22, e40-e41.	0.8	0
105	Radial Long Sheath Angioplasty for Proximal Severe Flow-Limiting Radial Artery Spasm Using the Dotter Technique. <i>World Neurosurgery</i> , 2022, 160, 16-21.	1.3	0
106	Perioperative Complications in Endoscopic Endonasal versus Transcranial Resections of Adult Craniopharyngiomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, .	0.8	0
107	506â€¦Evaluating Traditional and Non-Traditional Eloquent Areas in Patients with Brain Tumors: Large-scale Network Analysis Using a Machine Learning-Based Platform. <i>Neurosurgery</i> , 2022, 68, 127-127.	1.1	0
108	Iatrogenic radial arteriovenous fistula closure via intraluminal compression in a patient with fibromuscular dysplasia. <i>BMJ Case Reports</i> , 2022, 15, e248085.	0.5	0

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109	A multiparametric pharmacogenomic strategy for drug repositioning predicts therapeutic efficacy for glioblastoma cell lines. <i>Neuro-Oncology Advances</i> , 2022, 4, vdab192.	0.7	0
110	Use of an External Ventricular Drain for Treatment of a Thoracolumbar Cerebrospinal Fluid Leak: A Case Report and Review of Literature. <i>Cureus</i> , 2022, 14, e24066.	0.5	0