

Elad I Levy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5367018/publications.pdf>

Version: 2024-02-01

236
papers

24,197
citations

41323

49
h-index

7944

149
g-index

239
all docs

239
docs citations

239
times ranked

13192
citing authors

#	ARTICLE	IF	CITATIONS
1	Endovascular thrombectomy after large-vessel ischaemic stroke: a meta-analysis of individual patient data from five randomised trials. <i>Lancet, The</i> , 2016, 387, 1723-1731.	6.3	5,331
2	Stent-Retriever Thrombectomy after Intravenous t-PA vs. t-PA Alone in Stroke. <i>New England Journal of Medicine</i> , 2015, 372, 2285-2295.	13.9	4,255
3	Thrombectomy 6 to 24 Hours after Stroke with a Mismatch between Deficit and Infarct. <i>New England Journal of Medicine</i> , 2018, 378, 11-21.	13.9	3,936
4	Solitaire flow restoration device versus the Merci Retriever in patients with acute ischaemic stroke (SWIFT): a randomised, parallel-group, non-inferiority trial. <i>Lancet, The</i> , 2012, 380, 1241-1249.	6.3	1,213
5	Pipeline for Uncoilable or Failed Aneurysms: Results from a Multicenter Clinical Trial. <i>Radiology</i> , 2013, 267, 858-868.	3.6	937
6	Hemodynamic Morphologic Discriminants for Intracranial Aneurysm Rupture. <i>Stroke</i> , 2011, 42, 144-152.	1.0	612
7	Aspiration thrombectomy versus stent retriever thrombectomy as first-line approach for large vessel occlusion (COMPASS): a multicentre, randomised, open label, blinded outcome, non-inferiority trial. <i>Lancet, The</i> , 2019, 393, 998-1008.	6.3	365
8	Long-Term Clinical and Angiographic Outcomes Following Pipeline Embolization Device Treatment of Complex Internal Carotid Artery Aneurysms: Five-Year Results of the Pipeline for Uncoilable or Failed Aneurysms Trial. <i>Neurosurgery</i> , 2017, 80, 40-48.	0.6	346
9	Conscious Sedation Versus General Anesthesia During Endovascular Therapy for Acute Anterior Circulation Stroke. <i>Stroke</i> , 2010, 41, 1175-1179.	1.0	316
10	WINGSPAN IN-STENT RESTENOSIS AND THROMBOSIS. <i>Neurosurgery</i> , 2007, 61, 644-651.	0.6	246
11	Analysis of Workflow and Time to Treatment and the Effects on Outcome in Endovascular Treatment of Acute Ischemic Stroke: Results from the SWIFT PRIME Randomized Controlled Trial. <i>Radiology</i> , 2016, 279, 888-897.	3.6	238
12	First Food and Drug Administration-Approved Prospective Trial of Primary Intracranial Stenting for Acute Stroke. <i>Stroke</i> , 2009, 40, 3552-3556.	1.0	227
13	Safety and Efficacy of Solitaire Stent Thrombectomy. <i>Stroke</i> , 2016, 47, 798-806.	1.0	209
14	Predictors and clinical relevance of hemorrhagic transformation after endovascular therapy for anterior circulation large vessel occlusion strokes: a multicenter retrospective analysis of 1122 patients. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 16-21.	2.0	165
15	Aneurysm Study of Pipeline in an Observational Registry (ASPIRe). <i>Interventional Neurology</i> , 2016, 5, 89-99.	1.8	162
16	Pipeline for uncoilable or failed aneurysms: 3-year follow-up results. <i>Journal of Neurosurgery</i> , 2017, 127, 81-88.	0.9	162
17	Ischemic core and hypoperfusion volumes predict infarct size in <sc>SWIFT PRIME</sc>. <i>Annals of Neurology</i> , 2016, 79, 76-89.	2.8	155
18	Time to endovascular reperfusion and degree of disability in acute stroke. <i>Annals of Neurology</i> , 2015, 78, 584-593.	2.8	151

#	ARTICLE	IF	CITATIONS
19	Stent-assisted Intracranial Recanalization for Acute Stroke: Early Results. <i>Neurosurgery</i> , 2006, 58, 458-463.	0.6	150
20	Early Postmarket Results After Treatment of Intracranial Aneurysms With the Pipeline Embolization Device. <i>Neurosurgery</i> , 2012, 71, 1080-1088.	0.6	145
21	Transradial Cerebral Angiography: An Alternative Route. <i>Neurosurgery</i> , 2002, 51, 335-342.	0.6	130
22	Clinical and Procedural Predictors of Outcomes From the Endovascular Treatment of Posterior Circulation Strokes. <i>Stroke</i> , 2016, 47, 782-788.	1.0	130
23	Radiosurgery for Childhood Intracranial Arteriovenous Malformations. <i>Neurosurgery</i> , 2000, 47, 834-842.	0.6	123
24	Mechanical Thrombectomy for Isolated M2 Occlusions: A Post Hoc Analysis of the STAR, SWIFT, and SWIFT PRIME Studies. <i>American Journal of Neuroradiology</i> , 2016, 37, 667-672.	1.2	116
25	Thrombus density predicts successful recanalization with Solitaire stent retriever thrombectomy in acute ischemic stroke: Table A1. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 104-107.	2.0	115
26	Cost-Effectiveness of Solitaire Stent Retriever Thrombectomy for Acute Ischemic Stroke. <i>Stroke</i> , 2017, 48, 379-387.	1.0	115
27	Utilization of Pipeline embolization device for treatment of ruptured intracranial aneurysms: US multicenter experience. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 808-815.	2.0	113
28	Use of Platelet Function Testing Before Pipeline Embolization Device Placement. <i>Stroke</i> , 2017, 48, 1322-1330.	1.0	109
29	The safety of Pipeline flow diversion in fusiform vertebrobasilar aneurysms: a consecutive case series with longer-term follow-up from a single US center. <i>Journal of Neurosurgery</i> , 2016, 125, 111-119.	0.9	102
30	Staged stent-assisted angioplasty for symptomatic intracranial vertebrobasilar artery stenosis. <i>Journal of Neurosurgery</i> , 2002, 97, 1294-1301.	0.9	101
31	Predictive Value of RAPID Assessed Perfusion Thresholds on Final Infarct Volume in SWIFT PRIME (Solitaire With the Intention for Thrombectomy as Primary Endovascular Treatment). <i>Stroke</i> , 2017, 48, 932-938.	1.0	94
32	Treatment of Distal Anterior Circulation Aneurysms With the Pipeline Embolization Device. <i>Neurosurgery</i> , 2016, 79, 14-22.	0.6	89
33	Comparison of periprocedure complications resulting from direct stent placement compared with those due to conventional and staged stent placement in the basilar artery. <i>Journal of Neurosurgery</i> , 2003, 99, 653-660.	0.9	87
34	Risk Factors for Ischemic Complications following Pipeline Embolization Device Treatment of Intracranial Aneurysms: Results from the IntraPED Study. <i>American Journal of Neuroradiology</i> , 2016, 37, 1673-1678.	1.2	84
35	Rupture of Intracranial Aneurysms during Endovascular Coiling: Management and Outcomes. <i>Neurosurgery</i> , 2001, 49, 807-813.	0.6	83
36	Direct carotid artery puncture access for endovascular treatment of acute ischemic stroke: technical aspects, advantages, and limitations. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 108-113.	2.0	80

#	ARTICLE	IF	CITATIONS
37	Transradial cerebral angiography: an alternative route. <i>Neurosurgery</i> , 2002, 51, 335-40; discussion 340-2.	0.6	71
38	Pipeline embolization of posterior circulation aneurysms: a multicenter study of 131 aneurysms. <i>Journal of Neurosurgery</i> , 2019, 130, 923-935.	0.9	69
39	Predictors of Incomplete Occlusion following Pipeline Embolization of Intracranial Aneurysms: Is It Less Effective in Older Patients?. <i>American Journal of Neuroradiology</i> , 2017, 38, 2295-2300.	1.2	66
40	Wide-neck bifurcation aneurysms of the middle cerebral artery and basilar apex treated by endovascular techniques: a multicentre, core lab adjudicated study evaluating safety and durability of occlusion (BRANCH). <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 31-36.	2.0	66
41	Overview of Mechanical Thrombectomy Techniques. <i>Neurosurgery</i> , 2019, 85, S60-S67.	0.6	66
42	Results of Stent-Assisted vs Non-Stent-Assisted Endovascular Therapies in 489 Cerebral Aneurysms. <i>Neurosurgery</i> , 2013, 72, 232-239.	0.6	64
43	Relationships Between Imaging Assessments and Outcomes in Solitaire With the Intention for Thrombectomy as Primary Endovascular Treatment for Acute Ischemic Stroke. <i>Stroke</i> , 2015, 46, 2786-2794.	1.0	64
44	Midterm Clinical and Angiographic Follow-Up for the First Food and Drug Administration-Approved Prospective, Single-Arm Trial of Primary Stenting for Stroke: SARIS (Stent-Assisted Recanalization for) Tj ETQq0 0 0ngBT /Overlock 10 TF	0.6	62
45	High-fidelity virtual stenting: modeling of flow diverter deployment for hemodynamic characterization of complex intracranial aneurysms. <i>Journal of Neurosurgery</i> , 2015, 123, 832-840.	0.9	62
46	Relationship of Grit and Resilience to Burnout Among U.S. Neurosurgery Residents. <i>World Neurosurgery</i> , 2020, 134, e224-e236.	0.7	61
47	A proposed grading system for endovascular treatment of cerebral arteriovenous malformations: Buffalo score. , 2015, 6, 3.		60
48	Acute Ischemic Stroke and Infections. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2011, 20, 1-9.	0.7	58
49	Pipeline Embolization Device with or without Adjunctive Coil Embolization: Analysis of Complications from the IntrePED Registry. <i>American Journal of Neuroradiology</i> , 2016, 37, 1127-1131.	1.2	56
50	Transradial Stenting of the Cervical Internal Carotid Artery: Technical Case Report. <i>Neurosurgery</i> , 2003, 53, 448-452.	0.6	55
51	Is Bridging with Intravenous Thrombolysis of Any Benefit in Endovascular Therapy for Acute Ischemic Stroke?. <i>World Neurosurgery</i> , 2014, 82, e453-e458.	0.7	50
52	Hemodynamic morphological discriminant models for intracranial aneurysm rupture remain stable with increasing sample size. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 104-110.	2.0	50
53	Training Standards in Neuroendovascular Surgery: Program Accreditation and Practitioner Certification. <i>Stroke</i> , 2017, 48, 2318-2325.	1.0	48
54	Brainstem Infarction after Delayed Thrombolysis of a Stented Vertebral Artery Fusiform Aneurysm: Case Report. <i>Neurosurgery</i> , 2002, 51, 1280-1285.	0.6	47

#	ARTICLE	IF	CITATIONS
55	Rupture Resemblance Score (RRS): toward risk stratification of unruptured intracranial aneurysms using hemodynamic morphological discriminants. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 490-495.	2.0	47
56	Assessment of computed tomography perfusion software in predicting spatial location and volume of infarct in acute ischemic stroke patients: a comparison of Sphere, Vitrea, and RAPID. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 130-135.	2.0	47
57	Prospective randomized trial of venous angioplasty in MS (PREMiSe). <i>Neurology</i> , 2014, 83, 441-449.	1.5	43
58	Endovascular treatment of cerebral venous thrombosis: Contemporary multicenter experience. <i>Interventional Neuroradiology</i> , 2015, 21, 520-526.	0.7	40
59	Risk of Branch Occlusion and Ischemic Complications with the Pipeline Embolization Device in the Treatment of Posterior Circulation Aneurysms. <i>American Journal of Neuroradiology</i> , 2018, 39, 1303-1309.	1.2	39
60	The Pipeline embolization device for treatment of intracranial aneurysms. <i>Expert Review of Medical Devices</i> , 2014, 11, 137-150.	1.4	38
61	Outcomes in patients with acute ischemic stroke from proximal intracranial vessel occlusion and NIHSS score below 8. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 413-417.	2.0	38
62	Assessment of a Bayesian Vitrea CT Perfusion Analysis to Predict Final Infarct and Penumbra Volumes in Patients with Acute Ischemic Stroke: A Comparison with RAPID. <i>American Journal of Neuroradiology</i> , 2020, 41, 206-212.	1.2	38
63	Radial first or patient first: a case series and meta-analysis of transradial versus transfemoral access for acute ischemic stroke intervention. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 687-692.	2.0	38
64	Mandatory Change From Surgical Skull Caps to Bouffant Caps Among Operating Room Personnel Does Not Reduce Surgical Site Infections in Class I Surgical Cases: A Single-Center Experience With More Than 15 000 Patients. <i>Neurosurgery</i> , 2018, 82, 548-554.	0.6	37
65	Efficacy of Stent-Retriever Thrombectomy in Magnetic Resonance Imaging Versus Computed Tomographic Perfusion Selected Patients in SWIFT PRIME Trial (Solitaire FR With the Intention for) <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 1560-1566.	1.0	36
66	Increased Perviousness on CT for Acute Ischemic Stroke is Associated with Fibrin/Platelet-Rich Clots. <i>American Journal of Neuroradiology</i> , 2021, 42, 57-64.	1.2	36
67	Recent Endovascular Stroke Trials and Their Impact on Stroke Systems of Care. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2645-2655.	1.2	33
68	Safety and Efficacy of the Sofia (6F) PLUS Distal Access Reperfusion Catheter in the Endovascular Treatment of Acute Ischemic Stroke. <i>Neurosurgery</i> , 2018, 82, 312-321.	0.6	32
69	Endovascular thrombectomy in pediatric patients with large vessel occlusion. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 729-732.	2.0	32
70	In vivo model of intracranial stent implantation: a pilot study to examine the histological response of cerebral vessels after randomized implantation of heparin-coated and uncoated endoluminal stents in a blinded fashion. <i>Journal of Neurosurgery</i> , 2003, 98, 544-553.	0.9	31
71	Traumatic pseudoaneurysms of the superficial temporal artery: Case series, anatomy, and multidisciplinary treatment considerations. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1529-1532.	0.8	31
72	Carotid and Vertebral Dissection Imaging. <i>Current Pain and Headache Reports</i> , 2016, 20, 68.	1.3	31

#	ARTICLE	IF	CITATIONS
73	Transverse venous stenting for the treatment of idiopathic intracranial hypertension, or pseudotumor cerebri. <i>Neurosurgical Focus</i> , 2018, 45, E11.	1.0	31
74	Prospective Acute Ischemic Stroke Outcomes After Endovascular Therapy: A Real-World Experience. <i>World Neurosurgery</i> , 2010, 74, 455-464.	0.7	30
75	Endovascular therapy of extracranial carotid artery pseudoaneurysms: case series and literature review. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 682-689.	2.0	30
76	Assessment of an Artificial Intelligence Algorithm for Detection of Intracranial Hemorrhage. <i>World Neurosurgery</i> , 2021, 150, e209-e217.	0.7	30
77	Acute M2 Bifurcation Stenting for Cerebral Infarction: Lessons Learned from the Heart: Technical Case Report. <i>Neurosurgery</i> , 2006, 58, E588-E588.	0.6	29
78	Use of the Microangiographic Fluoroscope for Coiling of Intracranial Aneurysms. <i>Neurosurgery</i> , 2011, 69, 1131-1138.	0.6	29
79	The impact of general anesthesia, baseline ASPECTS, time to treatment, and IV tPA on intracranial hemorrhage after neurothrombectomy: pooled analysis of the SWIFT PRIME, SWIFT, and STAR trials. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 2-6.	2.0	28
80	Ischemic Stroke After Treatment of Intraprocedural Thrombosis During Stent-Assisted Coiling and Flow Diversion. <i>Stroke</i> , 2017, 48, 1098-1100.	1.0	26
81	Better Outcomes and Reduced Hospitalization Cost are Associated with Ultra-Early Treatment of Ruptured Intracranial Aneurysms: A US Nationwide Data Sample Study. <i>Neurosurgery</i> , 2018, 82, 497-505.	0.6	26
82	Clot perviousness is associated with first pass success of aspiration thrombectomy in the COMPASS trial. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 509-514.	2.0	26
83	Minimizing SARS-CoV-2 exposure when performing surgical interventions during the COVID-19 pandemic. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 643-647.	2.0	26
84	Neck Remnants and the Risk of Aneurysm Rupture After Endovascular Treatment With Coiling or Stent-Assisted Coiling: Much Ado About Nothing?. <i>Neurosurgery</i> , 2019, 84, 421-427.	0.6	25
85	Aneurysm characteristics, coil packing, and post-coiling hemodynamics affect long-term treatment outcome. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 706-713.	2.0	25
86	Large Vessel Occlusion in Acute Ischemic Stroke Patients: A Dual-Center Estimate Based on a Broad Definition of Occlusion Site. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104504.	0.7	23
87	Trends in academic productivity in the COVID-19 era: analysis of neurosurgical, stroke neurology, and neurointerventional literature. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 1049-1052.	2.0	23
88	Transradial middle meningeal artery embolization for chronic subdural hematoma using Onyx: case series. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, neurintsurg-2020-016185.	2.0	23
89	Endovascular therapy of wake-up strokes in the modern era of stent retriever thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 240-243.	2.0	22
90	Transition to Transradial Access for Mechanical Thrombectomy—Lessons Learned and Comparison to Transfemoral Access in a Single-Center Case Series. <i>Operative Neurosurgery</i> , 2020, 19, 701-707.	0.4	22

#	ARTICLE	IF	CITATIONS
91	Proximal versus Distal Protection During Carotid Artery Stenting: Analysis of the Two Treatment Approaches and Associated Clinical Outcomes. <i>World Neurosurgery</i> , 2014, 81, 543-548.	0.7	21
92	Endovascular management of adjacent tandem intracranial aneurysms: Utilization of stent-assisted coiling and flow diversion. <i>Acta Neurochirurgica</i> , 2015, 157, 379-387.	0.9	21
93	Artificial Intelligence for Large-Vessel Occlusion Stroke: A Systematic Review. <i>World Neurosurgery</i> , 2022, 159, 207-220.e1.	0.7	21
94	Endovascular Management and Treatment of Acute Ischemic Stroke. <i>Neurosurgery Clinics of North America</i> , 2014, 25, 583-592.	0.8	20
95	Design and Physical Properties of 3-Dimensional Printed Models Used for Neurointervention: A Systematic Review of the Literature. <i>Neurosurgery</i> , 2020, 87, E445-E453.	0.6	20
96	Mechanical thrombectomy versus intravenous thrombolysis for distal large-vessel occlusion: a systematic review and meta-analysis of observational studies. <i>Neurosurgical Focus</i> , 2021, 51, E5.	1.0	20
97	Safety and Pharmacokinetics of Sirolimus-eluting Stents in the Canine Cerebral Vasculature: 180 Day Assessment. <i>Neurosurgery</i> , 2006, 59, 925-934.	0.6	19
98	Correlation between cerebral blood volume values and outcomes in endovascular therapy for acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 705-708.	2.0	19
99	Correlation between Clinical Outcomes and Baseline CT and CT Angiographic Findings in the SWIFT PRIME Trial. <i>American Journal of Neuroradiology</i> , 2017, 38, 2270-2276.	1.2	19
100	The Pipeline Embolization Device: Changes in Practice and Reduction of Complications in the Treatment of Anterior Circulation Aneurysms in a Multicenter Cohort. <i>Neurosurgery</i> , 2020, 86, 266-271.	0.6	19
101	Assessment of distal access catheter performance during neuroendovascular procedures: measuring force in three-dimensional patient specific phantoms. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 619-622.	2.0	18
102	Flow Diversion after Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery Clinics of North America</i> , 2017, 28, 375-388.	0.8	17
103	A First-in-Human Evaluation of a Novel Mesh-Covered Stent for Treatment of Carotid Stenosis in Patients at High Risk for Endarterectomy. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 2396-2404.	1.1	17
104	Ostium Ratio and Neck Ratio Could Predict the Outcome of Sidewall Intracranial Aneurysms Treated with Flow Diverters. <i>American Journal of Neuroradiology</i> , 2019, 40, 288-294.	1.2	17
105	Transradial access for flow diversion of intracranial aneurysms: Case series. <i>Interventional Neuroradiology</i> , 2021, 27, 68-74.	0.7	17
106	Endovascular coil embolization of a very small ruptured aneurysm using a novel microangiographic technique: technical note. <i>Journal of NeuroInterventional Surgery</i> , 2013, 5, e2-e2.	2.0	16
107	Feasibility, Safety, and Periprocedural Complications of Pipeline Embolization for Intracranial Aneurysm Treatment Under Conscious Sedation. <i>Operative Neurosurgery</i> , 2015, 11, 426-430.	0.4	16
108	Semi-automated measurement of vascular tortuosity and its implications for mechanical thrombectomy performance. <i>Neuroradiology</i> , 2021, 63, 381-389.	1.1	16

#	ARTICLE	IF	CITATIONS
109	Stent-assisted endoluminal revascularization for the treatment of intracranial atherosclerotic disease. <i>Neurological Research</i> , 2002, 24, 337-346.	0.6	15
110	Submaximal Angioplasty and Staged Stenting for Severe Posterior Circulation Intracranial Stenosis: A Technique in Evolution. <i>Neurocritical Care</i> , 2005, 2, 189-197.	1.2	15
111	Whole-Brain Computed Tomographic Perfusion Imaging in Acute Cerebral Venous Sinus Thrombosis. <i>Interventional Neurology</i> , 2015, 4, 104-112.	1.8	15
112	Treatment of ruptured intracranial aneurysms with the Woven EndoBridge device: a systematic review. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 366-370.	2.0	15
113	Onset to reperfusion time as a determinant of outcomes across a wide range of ASPECTS in endovascular thrombectomy: pooled analysis of the SWIFT, SWIFT PRIME, and STAR studies. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 240-245.	2.0	14
114	Nuisance bleeding complications in patients with cerebral aneurysm treated with Pipeline embolization device. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 247-250.	2.0	14
115	Learning curves for transradial access versus transfemoral access in diagnostic cerebral angiography: a case series. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 174-178.	2.0	14
116	Carotid and Vertebral Artery Disease. <i>Primary Care - Clinics in Office Practice</i> , 2013, 40, 135-151.	0.7	13
117	Direct access to the middle meningeal artery for embolization of complex dural arteriovenous fistula: a hybrid treatment approach. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, e24-e24.	2.0	13
118	Comparison of PED and FRED flow diverters for posterior circulation aneurysms: a propensity score matched cohort study. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 153-158.	2.0	13
119	Is Endovascular Therapy for Stroke Cost-Effective Globally? A Systematic Review of the Literature. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105557.	0.7	13
120	Automated Collateral Flow Assessment in Patients with Acute Ischemic Stroke Using Computed Tomography with Artificial Intelligence Algorithms. <i>World Neurosurgery</i> , 2021, 155, e748-e760.	0.7	13
121	Initial Clinical Experience with AView® A Clinical Computational Platform for Intracranial Aneurysm Morphology, Hemodynamics, and Treatment Management. <i>World Neurosurgery</i> , 2017, 108, 534-542.	0.7	12
122	One and done? The effect of number of Pipeline embolization devices on aneurysm treatment outcomes. <i>Interventional Neuroradiology</i> , 2020, 26, 147-155.	0.7	12
123	Size of ruptured intracranial aneurysms: a systematic review and meta-analysis. <i>Acta Neurochirurgica</i> , 2020, 162, 1353-1362.	0.9	12
124	Treatment of iatrogenic V2 segment vertebral artery pseudoaneurysm using Pipeline flow-diverting stent. , 2016, 7, 104.		12
125	Use of quantitative angiographic methods with a data-driven model to evaluate reperfusion status (mTICI) during thrombectomy. <i>Neuroradiology</i> , 2021, 63, 1429-1439.	1.1	11
126	Flow redirection endoluminal device (FRED) for treatment of intracranial aneurysms: A systematic review. <i>Interventional Neuroradiology</i> , 2022, 28, 347-357.	0.7	11

#	ARTICLE	IF	CITATIONS
127	Rapid learning curve for Solitaire FR stent retriever therapy: evidence from roll-in and randomised patients in the SWIFT trial. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 347-352.	2.0	10
128	Complete flow control using transient concurrent rapid ventricular pacing or intravenous adenosine and afferent arterial balloon occlusion during transvenous embolization of cerebral arteriovenous malformations: case series. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 324-330.	2.0	10
129	Brain Atrophy and Leukoaraiosis Correlate with Futile Stroke Thrombectomy. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105871.	0.7	10
130	Mapping access to endovascular stroke care in the USA and implications for transport models. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, neurintsurg-2020-016942.	2.0	10
131	Endovascular Treatment of Giant Intracranial Aneurysms: A Work in Progress. <i>World Neurosurgery</i> , 2014, 81, 671-675.	0.7	9
132	Non-galenic arteriovenous fistulas in adults: transarterial embolization and literature review. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 835-840.	2.0	9
133	Vascular Anatomy and Not Age is Responsible for Increased Risk of Complications in Symptomatic Elderly Patients Undergoing Carotid Artery Stenting. <i>World Neurosurgery</i> , 2019, 128, e513-e521.	0.7	9
134	Evaluation of a novel mesh-covered stent for treatment of carotid stenosis in patients at high risk for endarterectomy: 1-year results of the SCAFFOLD trial. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 121-127.	0.7	9
135	Effect of computed tomography perfusion post-processing algorithms on optimal threshold selection for final infarct volume prediction. <i>Neuroradiology Journal</i> , 2020, 33, 273-285.	0.6	9
136	Enhancing performance of a computed tomography perfusion software for improved prediction of final infarct volume in acute ischemic stroke patients. <i>Neuroradiology Journal</i> , 2021, 34, 222-237.	0.6	9
137	Continuous intraventricular vancomycin for treatment of ventriculitis using IRRAflow [®] : A case report. , 2021, 12, 583.		9
138	First U.S. Experience Using the Pipeline Flex Embolization Device with Shield Technology for Treatment of Intracranial Aneurysms. <i>World Neurosurgery</i> , 2022, 159, e184-e191.	0.7	9
139	A systematic review and meta-analysis of the Derivo Embolization Device: a novel surface-modified flow diverter for intracranial aneurysm treatment. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1125-1129.	2.0	9
140	Endovascular Treatment of Carotid Stenosis. <i>Neurosurgery Clinics of North America</i> , 2014, 25, 565-582.	0.8	8
141	Stent Retriever-Assisted Mechanical Thrombectomy for Acute Basilar Artery Occlusion. <i>Operative Neurosurgery</i> , 2016, 12, 250-259.	0.4	8
142	Experience with vertebral artery origin stenting and ostium dilatation: results of treatment and clinical outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 476-480.	2.0	8
143	Treatment of Anterior Circulation Aneurysms in the Internal Carotid Artery With Flow Diverters. <i>Neurosurgery</i> , 2020, 86, S55-S63.	0.6	8
144	Primary Stenting for Acute Ischemic Stroke Using the Enterprise Intracranial Stent: 2-Year Results of a Phase-I Trial. <i>Journal of Vascular and Interventional Neurology</i> , 2015, 8, 62-7.	1.1	8

#	ARTICLE	IF	CITATIONS
145	Transradial versus Transfemoral Approach for Neuroendovascular Procedures: A Survey of Patient Preferences and Perspectives. <i>World Neurosurgery</i> , 2022, 163, e623-e627.	0.7	8
146	Radiographic and clinical outcomes with particle or liquid embolic agents for middle meningeal artery embolization of nonacute subdural hematomas. <i>Interventional Neuroradiology</i> , 2023, 29, 683-690.	0.7	8
147	Stent-assisted basilar reconstruction for a traumatic vertebral dissection with a large basilar artery thrombosis. <i>Journal of NeuroInterventional Surgery</i> , 2011, 3, 47-49.	2.0	7
148	Risk of acute kidney injury associated with neuroimaging obtained during triage and treatment of patients with acute ischemic stroke symptoms. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 1231-1234.	2.0	7
149	Treatment of Tandem Internal Carotid Artery Aneurysms Using a Single Pipeline Embolization Device: Evaluation of Safety and Efficacy. <i>American Journal of Neuroradiology</i> , 2017, 38, 1605-1609.	1.2	7
150	Comaneci Device for Temporary Coiling Assistance for Treatment of Wide-Necked Aneurysms: Initial Case Series and Systematic Literature Review. <i>World Neurosurgery</i> , 2021, 149, e85-e91.	0.7	7
151	Repeat Flow Diversion for Cerebral Aneurysms Failing Prior Flow Diversion: Safety and Feasibility From Multicenter Experience. <i>Stroke</i> , 2022, 53, 1178-1189.	1.0	7
152	Toward clinical equipoise: the current case for carotid angioplasty and stent placement. <i>Neurosurgical Focus</i> , 2005, 18, 1-8.	1.0	6
153	Endovascular prevention and treatment of stroke related to extracranial carotid artery disease. <i>Journal of Cardiovascular Surgery</i> , 2017, 58, 35-48.	0.3	6
154	Safety and feasibility of ulnar artery access for neuroangiography and neurointervention: a case series. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 109-113.	2.0	6
155	Social Media Use Among Neurosurgery Trainees: A Survey of North American Training Programs. <i>World Neurosurgery</i> , 2021, 154, e605-e615.	0.7	6
156	Endovascular management of radial artery loop for neuroangiography: Case series. <i>Interventional Neuroradiology</i> , 2021, 27, 159101992098281.	0.7	6
157	Revascularization Outcome Prediction for A Direct Aspiration-First Pass Technique (ADAPT) from Pre-Treatment Imaging and Machine Learning. <i>Brain Sciences</i> , 2021, 11, 1321.	1.1	6
158	Acute isolated posterior cerebral artery stroke treated with mechanical thrombectomy: A single-center experience and review of the literature. <i>Interventional Neuroradiology</i> , 2023, 29, 10-19.	0.7	6
159	Carotid artery stenting in nonagenarians: are there benefits in surgically treating this high risk population?. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 182-187.	2.0	5
160	A Patient Dose-Reduction Technique for Neuroendovascular Image-Guided Interventions: Image-Quality Comparison Study. <i>American Journal of Neuroradiology</i> , 2018, 39, 734-741.	1.2	5
161	Flow-Pattern Details in an Aneurysm Model Using High-Speed 1000-Frames-per-Second Angiography. <i>American Journal of Neuroradiology</i> , 2019, 40, 1197-1200.	1.2	5
162	Investigation of convolutional neural networks using multiple computed tomography perfusion maps to identify infarct core in acute ischemic stroke patients. <i>Journal of Medical Imaging</i> , 2021, 8, 014505.	0.8	5

#	ARTICLE	IF	CITATIONS
163	Walrus Balloon Guide Catheter for Stroke Intervention: Technical Considerations and Clinical Outcomes. <i>World Neurosurgery</i> , 2021, 152, e144-e148.	0.7	5
164	Factors Associated With Decreased Accuracy of Modified Thrombolysis in Cerebral Infarct Scoring Among Neurointerventionalists During Thrombectomy. <i>Stroke</i> , 2021, 52, e733-e738.	1.0	5
165	Intravenous alteplase has different effects on the efficacy of aspiration and stent retriever thrombectomy: analysis of the COMPASS trial. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 992-996.	2.0	5
166	Carotid artery revascularization using the Walrus balloon guide catheter: safety and feasibility from a US multicenter experience. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 709-717.	2.0	5
167	Stroke thrombectomy volume, rather than stroke center accreditation status of hospitals, is associated with mortality and discharge disposition. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 209-213.	2.0	5
168	Transvenous Embolization Technique for Brain Arteriovenous Malformations. <i>Neurosurgery Clinics of North America</i> , 2022, 33, 185-191.	0.8	5
169	Accredited Endovascular Surgical Neuroradiology Programs: Current Specialty Composition and Academic Impact Using the h Index. <i>World Neurosurgery</i> , 2019, 128, e923-e928.	0.7	4
170	Single-center experience of using high definition (Hi-Def) imaging during neurointervention treatment of intracranial aneurysms using flow diverters. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 897-901.	2.0	4
171	Make Clipping Great Again: Microsurgery for Cerebral Aneurysms by Dual-Trained Neurosurgeons. <i>World Neurosurgery</i> , 2020, 137, e454-e461.	0.7	4
172	Use of a convolutional neural network to identify infarct core using computed tomography perfusion parameters. , 2021, 11596, .		4
173	Comparison of effectiveness and outcomes among different thrombectomy techniques in acute basilar artery occlusion: a dual-center experience. <i>Neurosurgical Focus</i> , 2021, 51, E8.	1.0	4
174	Hyperacute Carotid Stent Thrombosis During Emergent Revascularization Treated with Intraarterial Eptifibatid After Systemic Administration of Recombinant Tissue Plasminogen Activator. <i>Journal of Vascular and Interventional Neurology</i> , 2015, 8, 50-5.	1.1	4
175	Rist Guide Catheter for Endovascular Procedures: Initial Case Series from a Single Center. <i>Interventional Neuroradiology</i> , 2023, 29, 108-113.	0.7	4
176	Gene expression profiles of ischemic stroke clots retrieved by mechanical thrombectomy are associated with disease etiology. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, e33-e40.	2.0	4
177	Successful Management of Post-Tumor Resection Middle Cerebral Artery Thrombosis With Stent-Assisted Angioplasty and Thrombolytic Therapy: Case Report. <i>Neurosurgery</i> , 2004, 55, E732-E737.	0.6	3
178	To Glue or Not to Glue? That is the question!!!. <i>Neurosurgery</i> , 2010, 67, E1181-E1188.	0.6	3
179	Stroke thrombolysis and thrombectomyâ€”not stronger together?. <i>Nature Reviews Neurology</i> , 2017, 13, 198-200.	4.9	3
180	Is Contrast Stasis After Pipeline Embolization Device Deployment Associated with Higher Aneurysm Occlusion Rates?. <i>World Neurosurgery</i> , 2020, 133, e434-e442.	0.7	3

#	ARTICLE	IF	CITATIONS
181	Letter to the Editor: Embracing Disruptive Change During the Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Pandemic. <i>World Neurosurgery</i> , 2020, 139, 726-727.	0.7	3
182	Treatment of Carotid Ophthalmic Aneurysm With Woven EndoBridge (WEB SL): 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E424-E425.	0.4	3
183	Efficacy of prayer in inducing immediate physiological changes: a systematic analysis of objective experiments. <i>Journal of Complementary and Integrative Medicine</i> , 2020, .	0.4	3
184	The effect of COVID-19 on trainee operative experience at a multihospital academic neurosurgical practice: A first look at case numbers. , 2021, 12, 271.		3
185	Preoperative Embolization of Fisch Grades IIâ€“IVa Juvenile Nasopharyngeal Angiofibromas: Transarterial Embolization in the Age of Onyx. <i>Cureus</i> , 2021, 13, e15804.	0.2	3
186	Use of a sheathless 8-French balloon guide catheter (Walrus) through the radial artery for mechanical thrombectomy: technique and case series. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2021-017868.	2.0	3
187	Versatile use of catheter systems for deployment of the Pipeline embolization device: a comparison of biaxial and triaxial catheter systems. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 585-590.	2.0	3
188	Rapid temporary coiling of the parent artery for the management of intraprocedural aneurysm rupture. <i>Brain Circulation</i> , 2020, 6, 274.	0.7	3
189	Venous sinus stenting for the treatment of acute blindness in a patient with idiopathic intracranial hypertension. <i>Interventional Neuroradiology</i> , 2022, , 159101992210959.	0.7	3
190	Endovascular Transcirculation Management of Iatrogenic Vertebral Artery Dissection With the Floss Technique and Flow Diversion: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 15, 242-242.	0.4	2
191	Commentary: The Future Currency of Neurosurgery is Data. <i>Neurosurgery</i> , 2018, 83, E125-E127.	0.6	2
192	Management of Acute Ischemic Thrombosis. <i>Neurosurgery Clinics of North America</i> , 2018, 29, 595-604.	0.8	2
193	Highâ€“Definition Zoom Mode: A High Resolution Xâ€“ray Microscope for Neurointerventional Treatment Procedures. <i>Journal of Neuroimaging</i> , 2019, 29, 565-572.	1.0	2
194	Dual Microwire Rail Technique to Advance a Microcatheter Past the Ostium of a Dissecting Carotid Artery Aneurysm for Flow Diverter Deployment: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 18, E230-E231.	0.4	2
195	Diagnosis and Endovascular Embolization of a Sacral Spinal Arteriovenous Fistula with â€œHolo-Spinalâ€• Venous Drainage. <i>World Neurosurgery</i> , 2019, 128, 328-332.	0.7	2
196	Left M2 Occlusion With Thrombolysis in Cerebral Infarction (TICI) 2b Recanalization Using â€œSolumbraâ€• Technique: Video Case. <i>Neurosurgery</i> , 2019, 85, S68-S69.	0.6	2
197	Neuroimaging of Deep Brain Stimulation. <i>Neurologic Clinics</i> , 2020, 38, 201-214.	0.8	2
198	Management of Iatrogenic Internal Carotid Artery Injury During Medial Sphenoid Wing Meningioma Resection: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 20, E55-E56.	0.4	2

#	ARTICLE	IF	CITATIONS
199	Impact of endovascular reperfusion on low National Institutes of Health Stroke Scale score large-vessel occlusion stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104836.	0.7	2
200	Use of N-butyl 2-cyanoacrylate (nBCA) for preoperative tumor embolization. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2021-017400.	2.0	2
201	Direct access to the middle meningeal artery for embolization of complex dural arteriovenous fistula: a hybrid treatment approach. <i>BMJ Case Reports</i> , 2014, 2014, bcr2014011256-bcr2014011256.	0.2	2
202	Mechanical thrombectomy versus intravenous alteplase alone in acute isolated posterior cerebral artery occlusion: a systematic review. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2021-018017.	2.0	2
203	Instant restenosis after carotid stenting: treatment using an off-label cardiac scoring balloon. <i>Journal of Vascular and Interventional Neurology</i> , 2014, 7, 29-34.	1.1	2
204	Spontaneous resolution of nontraumatic bilateral Barrow Type D indirect carotid-cavernous fistulas: A case report. <i>Brain Circulation</i> , 2021, 7, 289.	0.7	2
205	The impact of brain atrophy on the outcomes of mechanical thrombectomy. <i>British Journal of Radiology</i> , 2022, 95, 20210494.	1.0	2
206	Endovascular surgery: the future without limits. <i>Clinical Neurosurgery</i> , 2002, 49, 229-46.	0.2	2
207	Cerebral Proliferative Angiopathy Presenting as Subdural Hematoma: A Case Report and Systematic Literature Review. <i>World Neurosurgery</i> , 2022, 164, 281-289.	0.7	2
208	To Intervene or Not to Intervene in Chronic Cerebral Ischemia: Endovascular Revascularization. <i>World Neurosurgery</i> , 2015, 84, 1513-1516.	0.7	1
209	Neuroendovascular Fellowship Training: Self-Assessment of a Program Accredited by the Committee on Advanced Subspecialty Training. <i>Neurosurgery</i> , 2018, 82, 407-413.	0.6	1
210	Commentary: Flow State (Trading the Sweat Spot for the Sweet Spot): A Roadmap to Measure and Enhance Workplace Growth and Well-Being. <i>Neurosurgery</i> , 2018, 83, E262-E265.	0.6	1
211	Instantaneous Wave-Free Ratio Measurement During Intracranial Submaximal Angioplasty: Case Series and 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, 422-428.	0.4	1
212	Intracranial Stenting: Angioplasty Basic Technique, Indications, and Sizing: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E115-E116.	0.4	1
213	Endoluminal stent reconstruction of low-grade, symptomatic carotid plaques: a treatment alternative-report of two cases. <i>Journal of Vascular and Interventional Neurology</i> , 2014, 7, 43-6.	1.1	1
214	Facial Arteriovenous Malformation Embolized Using n-Butyl-2 Cyanoacrylate and Contrast Stasis Rather Than Tantalum Powder with Double Flow Arrest to Prevent Skin Discoloration: A Technical Note. <i>World Neurosurgery</i> , 2022, , .	0.7	1
215	First reported single-surgeon transpalpebral hybrid approach for indirect cavernous carotid fistula: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2022, 3, .	0.1	1
216	Neuroendovascular surgery: techniques, indications, and patient selection. <i>Neurosurgery Clinics of North America</i> , 2005, 16, xiii-xv.	0.8	0

#	ARTICLE	IF	CITATIONS
217	Neuroimaging of Headaches Associated with Vascular Disorders. <i>Current Pain and Headache Reports</i> , 2015, 19, 16.	1.3	0
218	Novel Endovascular Treatment of a Large Basilar Apex Aneurysm With Neck Reconstruction (Barrel) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.4	0
219	Commentary: The Potential Impact of "Take the Volume Pledge" on Outcomes After Carotid Artery Stenting. <i>Neurosurgery</i> , 2019, 86, E133-E134.	0.6	0
220	Commentary: The Continued Role and Value of Imaging for Acute Ischemic Stroke. <i>Neurosurgery</i> , 2019, 85, S31-S33.	0.6	0
221	In Reply to the Letter to the Editor Regarding "Make Clipping Great Again: Microsurgery for Cerebral Aneurysms by Dual-Trained Neurosurgeons": <i>World Neurosurgery</i> , 2020, 139, 652.	0.7	0
222	Dual Microcatheter Technique for Coiling of Intracranial Aneurysms: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 20, E428-E429.	0.4	0
223	Rare incidence of tension pneumocephalus 2 months after repeat microvascular decompression. , 2021, 12, 311.		0
224	Ulnar Artery Access: A Nontraditional Access Site for Diagnostic Cerebral Angiography and Neurointervention: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E350-E352.	0.4	0
225	Introduction. Neurosurgical management of stroke, organization of stroke management, and artificial intelligence applications. <i>Neurosurgical Focus</i> , 2021, 51, E1.	1.0	0
226	Engaging Medical Students in Neurointervention: Rationale and Recruitment. <i>World Neurosurgery</i> , 2021, 154, 80-82.	0.7	0
227	Use of 4D Computer Tomographic Angiography to Accurately Identify Distal Internal Carotid Artery Occlusions and Pseudo-Occlusions: Technical Note. <i>Journal of Vascular and Interventional Neurology</i> , 2018, 10, 39-44.	1.1	0
228	Target-specific multimodality endovascular management of carotid artery blow-out syndrome. <i>Ear, Nose and Throat Journal</i> , 2002, 81, 115-8.	0.4	0
229	Initial investigation of predicting hematoma expansion for intracerebral hemorrhage using imaging biomarkers and machine learning. , 2022, , .		0
230	Recent Advances in Endovascular Neurosurgery: Pushing the Envelope. <i>Neurosurgery Clinics of North America</i> , 2022, 33, xi-xii.	0.8	0
231	Whole blood transcriptome biomarkers of unruptured intracranial aneurysm. , 2020, 15, e0241838.		0
232	Whole blood transcriptome biomarkers of unruptured intracranial aneurysm. , 2020, 15, e0241838.		0
233	Whole blood transcriptome biomarkers of unruptured intracranial aneurysm. , 2020, 15, e0241838.		0
234	Whole blood transcriptome biomarkers of unruptured intracranial aneurysm. , 2020, 15, e0241838.		0

#	ARTICLE	IF	CITATIONS
235	Not a trifecta: complementary use of carotid artery revascularization techniques in the era of hybrid neurosurgery. <i>Journal of Neurosurgery</i> , 2023, 138, 199-204.	0.9	0
236	Transfemoral Flow-Reversal for Carotid Artery Stenting with Balloon Guide Catheter: Proof of Concept with Robotic Transcranial Doppler. <i>Interventional Neuroradiology</i> , 0, , 159101992211109.	0.7	0