

Eric C Peterson

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,897
citations

279798

23
h-index

289244

40
g-index

69
all docs

69
docs citations

69
times ranked

1658
citing authors

#	ARTICLE	IF	CITATIONS
1	Transradial cerebral angiography: techniques and outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 874-881.	3.3	182
2	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
3	Distal transradial access in the anatomical snuffbox for diagnostic cerebral angiography. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 710-713.	3.3	98
4	Selective ophthalmic artery infusion of chemotherapy for advanced intraocular retinoblastoma: initial experience with 17 tumors. <i>Journal of Neurosurgery</i> , 2011, 114, 1603-1608.	1.6	91
5	Transradial access: lessons learned from cardiology. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 487-492.	3.3	90
6	Transradial approach for flow diversion treatment of cerebral aneurysms: a multicenter study. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 796-800.	3.3	82
7	Transradial approach for mechanical thrombectomy in anterior circulation large-vessel occlusion. <i>Neurosurgical Focus</i> , 2017, 42, E13.	2.3	79
8	Transradial Approach for Complex Anterior and Posterior Circulation Interventions: Technical Nuances and Feasibility of Using Current Devices. <i>Operative Neurosurgery</i> , 2019, 17, 293-302.	0.8	78
9	Transradial access for neurointerventions: management of access challenges and complications. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 82-86.	3.3	74
10	Aneurysm Formation, Growth, and Rupture: The Biology and Physics of Cerebral Aneurysms. <i>World Neurosurgery</i> , 2019, 130, 277-284.	1.3	70
11	Unfavorable Vascular Anatomy Is Associated with Increased Revascularization Time and Worse Outcome in Anterior Circulation Thrombectomy. <i>World Neurosurgery</i> , 2018, 120, e976-e983.	1.3	66
12	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
13	Distal Radial Artery Access in the Anatomical Snuffbox for Neurointerventions: Case Report. <i>World Neurosurgery</i> , 2019, 122, 355-359.	1.3	50
14	Current applications and future perspectives of robotics in cerebrovascular and endovascular neurosurgery. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 78-82.	3.3	45
15	Long-Term Outcomes of Mechanical Thrombectomy for Stroke: A Meta-Analysis. <i>Scientific World Journal</i> , The, 2019, 2019, 1-9.	2.1	44
16	Long-term angiographic results of endovascularly "cured" intracranial dural arteriovenous fistulas. <i>Journal of Neurosurgery</i> , 2016, 124, 1123-1127.	1.6	43
17	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
18	Incorporation of transradial approach in neuroendovascular procedures: defining benchmarks for rates of complications and conversion to femoral access. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 1122-1126.	3.3	36

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19	Transradial Mechanical Thrombectomy for Proximal Middle Cerebral Artery Occlusion in a First Trimester Pregnancy: Case Report and Literature Review. <i>World Neurosurgery</i> , 2018, 120, 415-419.	1.3	34
20	Search for Biomarkers of Intracranial Aneurysms: A Systematic Review. <i>World Neurosurgery</i> , 2015, 84, 1473-1483.	1.3	28
21	Feasibility of repeat transradial access for neuroendovascular procedures. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 431-434.	3.3	28
22	Predicting the degree of difficulty of the trans-radial approach in cerebral angiography. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 552-558.	3.3	28
23	Pipeline Embolization Device for the Treatment of Intracranial Pseudoaneurysms. <i>World Neurosurgery</i> , 2019, 127, e86-e93.	1.3	26
24	Role of follow-up imaging after resection of brain arteriovenous malformations in pediatric patients: a systematic review of the literature. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 149-156.	1.3	25
25	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
26	Feasibility and safety of transradial access for pediatric neurointerventions. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 893-896.	3.3	20
27	Are Aneurysms Treated With Balloon-Assisted Coiling and Stent-Assisted Coiling Different? Morphological Analysis of 113 Unruptured Wide-Necked Aneurysms Treated With Adjunctive Devices. <i>Neurosurgery</i> , 2014, 75, 145-151.	1.1	19
28	Cavernous carotid aneurysms: a new treatment paradigm in the era of flow diversion. <i>Expert Review of Neurotherapeutics</i> , 2017, 17, 155-163.	2.8	19
29	Left transradial access for cerebral angiography. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 427-430.	3.3	19
30	Navigating radial artery loops in neurointerventions. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 1027-1031.	3.3	19
31	Extended Window for Stroke Thrombectomy. <i>Journal of Neurosciences in Rural Practice</i> , 2019, 10, 294-300.	0.8	18
32	Multimodal Management of Carotid-Cavernous Fistulas. <i>World Neurosurgery</i> , 2020, 133, e796-e803.	1.3	18
33	Netosis and Inflammasomes in Large Vessel Occlusion Thrombi. <i>Frontiers in Pharmacology</i> , 2020, 11, 607287.	3.5	18
34	Carotid siphon calcification impact on revascularization and outcome in stroke intervention. <i>Clinical Neurology and Neurosurgery</i> , 2014, 120, 73-77.	1.4	17
35	Genetic associations of intracranial aneurysm formation and sub-arachnoid hemorrhage. <i>Journal of Innovative Optical Health Sciences</i> , 2017, 12, 374-381.	1.0	17
36	Utility of diagnostic cerebral angiography in the management of suspected central nervous system vasculitis. <i>Journal of Clinical Neuroscience</i> , 2019, 64, 98-100.	1.5	15

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37	Bilateral Transradial Access for Complex Posterior Circulation Interventions. <i>World Neurosurgery</i> , 2020, 139, 101-105.	1.3	14
38	Preoperative embolization of intracranial hemangiopericytomas: case series and introduction of the transtumoral embolization technique. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 1084-1094.	3.3	13
39	Intravenous Stem Cell Therapy for High-Grade Aneurysmal Subarachnoid Hemorrhage: Case Report and Literature Review. <i>World Neurosurgery</i> , 2019, 128, 573-575.	1.3	13
40	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
41	Manual reduction of a radial artery loop under direct fluoroscopic visualization. <i>BMJ Case Reports</i> , 2021, 14, 1-4.	0.5	13
42	DEFUSE-3 Trial: Reinforcing Evidence for Extended Endovascular Intervention Time Window for Ischemic Stroke. <i>World Neurosurgery</i> , 2018, 112, 275-276.	1.3	11
43	Effect of Body Mass Index on Outcomes of Mechanical Thrombectomy in Acute Ischemic Stroke. <i>World Neurosurgery</i> , 2020, 143, e503-e515.	1.3	11
44	The Rist radial access system: a multicenter study of 152 patients. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 403-407.	3.3	10
45	Utilizing CT with Maximum Intensity Projection Reconstruction Bypassing CTA Improves Time to Groin Puncture in Large Vessel Occlusion Stroke Thrombectomy. <i>Interventional Neurology</i> , 2017, 6, 147-152.	1.8	8
46	Onyx embolization for dural arteriovenous fistulas: a multi-institutional study. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2020-017109.	3.3	8
47	Venous Phase Timing Does Not Predict SPECT Results During Balloon Test Occlusion of the Internal Carotid Artery. <i>World Neurosurgery</i> , 2017, 102, 229-234.	1.3	7
48	Radial access for neurointervention: room set-up and technique for diagnostic angiography. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 96-96.	3.3	7
49	Early Postmarket Results with EmboTrap II Stent Retriever for Mechanical Thrombectomy: A Multicenter Experience. <i>American Journal of Neuroradiology</i> , 2021, 42, 904-909.	2.4	7
50	Cohort study on the differential expression of inflammatory and angiogenic factors in thrombi, cerebral and peripheral plasma following acute large vessel occlusion stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1827-1839.	4.3	7
51	Off-label use of the Angioseal vascular closure device for femoral arteriotomy: retrospective analysis of safety and efficacy. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 982-985.	3.3	6
52	Treatment of Cerebral Vasospasm in an Infant Using a Modified Dotter Technique. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2017, 19, 48.	0.5	4
53	A pediatric carotid body tumor. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1432-1436.	1.6	4
54	Stem Cells as a Potential Adjunctive Therapy in Aneurysmal Subarachnoid Hemorrhage. <i>Journal of Vascular and Interventional Neurology</i> , 2016, 8, 30-7.	1.1	3

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55	Don't Lose the Lungs for the Brain: Pulmonary Complications After Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2014, 82, e167-e168.	1.3	2
56	Long-Term Outcomes of Mechanical Thrombectomy for Treatment of Acute Ischemic Stroke. <i>World Neurosurgery</i> , 2017, 104, 970-971.	1.3	2
57	Commentary: The Learning Curve in Transradial Access: One Time When a Novice Interventionist May Shine. <i>Journal of Endovascular Therapy</i> , 2019, 26, 725-726.	1.5	2
58	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
59	Editorial: More on the clip versus coil controversy. <i>Journal of Neurosurgery</i> , 2015, 123, 618-620.	1.6	1
60	Reversal of cilioretinal artery occlusion with intra-arterial tissue plasminogen activator. <i>American Journal of Ophthalmology Case Reports</i> , 2017, 7, 138-139.	0.7	1
61	Radial Artery Access for Cerebral Angiography: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 20, E431-E432.	0.8	1
62	Challenges in Diagnosis and Management of Previously Embolized Spinal Dural Arteriovenous Fistulae. <i>World Neurosurgery</i> , 2021, 154, e710-e717.	1.3	1
63	Treatment of Bilateral Giant Fusiform Petrocavernous Aneurysms. <i>Cureus</i> , 2020, 12, e8662.	0.5	1
64	Management of Incompletely Coiled Aneurysms: To Treat or Not to Treat?. <i>World Neurosurgery</i> , 2014, 82, e81-e82.	1.3	0
65	Editorial: Mild narrowing of the cervical carotid is noted. <i>Journal of Neurosurgery</i> , 2015, 122, 1193-1195.	1.6	0
66	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
67	Direct Mechanical Thrombectomy in Acute Ischemic Stroke during Percutaneous Coronary Intervention. <i>Journal of Stroke</i> , 2020, 22, 271-274.	3.2	0
68	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
69	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