

Reza Jahan

List of Publications by Year in descending order

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93
papers

17,690
citations

101543

36
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48315

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docs citations

93
times ranked

10324
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.	13.7	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.	27.0	4,255
3	A Trial of Imaging Selection and Endovascular Treatment for Ischemic Stroke. <i>New England Journal of Medicine</i> , 2013, 368, 914-923.	27.0	1,269
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.	13.7	1,213
5	Thrombolytic reversal of acute human cerebral ischemic injury shown by diffusion/perfusion magnetic resonance imaging. <i>Annals of Neurology</i> , 2000, 47, 462-469.	5.3	663
6	MERCI 1. <i>Stroke</i> , 2004, 35, 2848-2854.	2.0	438
7	CT and MRI Early Vessel Signs Reflect Clot Composition in Acute Stroke. <i>Stroke</i> , 2011, 42, 1237-1243.	2.0	431
8	Magnetic Resonance Imaging Detection of Microbleeds Before Thrombolysis. <i>Stroke</i> , 2002, 33, 95-98.	2.0	368
9	Analysis of Thrombi Retrieved From Cerebral Arteries of Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2006, 37, 2086-2093.	2.0	351
10	eTICI reperfusion: defining success in endovascular stroke therapy. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 433-438.	3.3	251
11	Association Between Time to Treatment With Endovascular Reperfusion Therapy and Outcomes in Patients With Acute Ischemic Stroke Treated in Clinical Practice. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 252.	7.4	229
12	Predictors of Hemorrhagic Transformation in Patients Receiving Intra-Arterial Thrombolysis. <i>Stroke</i> , 2002, 33, 717-724.	2.0	196
13	Systematic Evaluation of Patients Treated With Neurothrombectomy Devices for Acute Ischemic Stroke. <i>Stroke</i> , 2017, 48, 2760-2768.	2.0	156
14	Impact of Collaterals on Successful Revascularization in Solitaire FR With the Intention for Thrombectomy. <i>Stroke</i> , 2014, 45, 2036-2040.	2.0	154
15	Association of Time From Stroke Onset to Groin Puncture With Quality of Reperfusion After Mechanical Thrombectomy. <i>JAMA Neurology</i> , 2019, 76, 405.	9.0	133
16	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.	2.4	116
17	Cost-Effectiveness of Solitaire Stent Retriever Thrombectomy for Acute Ischemic Stroke. <i>Stroke</i> , 2017, 48, 379-387.	2.0	115
18	Thrombolytic Toxicity: Blood Brain Barrier Disruption in Human Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2008, 25, 338-343.	1.7	110

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19	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.	2.0	94
20	Impact of Glucose on Outcomes in Patients Treated With Mechanical Thrombectomy. <i>Stroke</i> , 2016, 47, 120-127.	2.0	92
21	Emergent Management of Tandem Lesions in Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 428-433.	2.0	88
22	Acute Basilar Artery Occlusion. <i>Stroke</i> , 2004, 35, e30-4.	2.0	80
23	The hyperdense vessel sign on CT predicts successful recanalization with the Merci device in acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2013, 5, 289-293.	3.3	76
24	Collateral flow as causative of good outcomes in endovascular stroke therapy. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 2-7.	3.3	70
25	Predictors of Subarachnoid Hemorrhage in Acute Ischemic Stroke With Endovascular Therapy. <i>Stroke</i> , 2010, 41, 2775-2781.	2.0	65
26	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.	2.0	64
27	Beyond tissue plasminogen activator: Mechanical intervention in acute stroke. <i>Annals of Emergency Medicine</i> , 2003, 41, 838-846.	0.6	62
28	Sex Differences in Outcome After Endovascular Stroke Therapy for Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 2420-2427.	2.0	62
29	Impact of Hyperglycemia According to the Collateral Status on Outcomes in Mechanical Thrombectomy. <i>Stroke</i> , 2018, 49, 2706-2714.	2.0	53
30	Thrombolysis With Plasmin. <i>Stroke</i> , 2010, 41, S45-9.	2.0	47
31	Autopsy Findings After Intracranial Thrombectomy for Acute Ischemic Stroke. <i>Stroke</i> , 2010, 41, 938-947.	2.0	47
32	Endovascular treatment of pediatric intracranial aneurysms: a retrospective study of 35 aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 432-438.	3.3	44
33	Serial Alberta Stroke Program Early CT Score From Baseline to 24 Hours in Solitaire Flow Restoration With the Intention for Thrombectomy Study. <i>Stroke</i> , 2014, 45, 723-727.	2.0	41
34	Early arrival at the emergency department is associated with better collaterals, smaller established infarcts and better clinical outcomes with endovascular stroke therapy: SWIFT study. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 553-558.	3.3	40
35	Impact of Hyperlipidemia and Statins on Ischemic Stroke Outcomes after Intra-Arterial Fibrinolysis and Percutaneous Mechanical Embolectomy. <i>Cerebrovascular Diseases</i> , 2009, 28, 384-390.	1.7	39
36	Early Blood-Brain Barrier Disruption after Mechanical Thrombectomy in Acute Ischemic Stroke. <i>Journal of Neuroimaging</i> , 2018, 28, 283-288.	2.0	39

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37	Impact of procedural time on clinical and angiographic outcomes in patients with acute ischemic stroke receiving endovascular treatment. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 984-988.	3.3	39
38	Basal Ganglionic Infarction Before Mechanical Thrombectomy Predicts Poor Outcome. <i>Stroke</i> , 2009, 40, 3315-3320.	2.0	38
39	Blood-brain barrier permeability derangements in posterior circulation ischemic stroke: Frequency and relation to hemorrhagic transformation. <i>Journal of the Neurological Sciences</i> , 2012, 313, 142-146.	0.6	38
40	Thrombus Branching and Vessel Curvature Are Important Determinants of Middle Cerebral Artery Trunk Recanalization With Merci Thrombectomy Devices. <i>Stroke</i> , 2012, 43, 787-792.	2.0	37
41	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) Over 1560-1566.	2.0	36
42	Middle Cerebral Artery Occlusion in the Rabbit Using Selective Angiography. <i>Stroke</i> , 2008, 39, 1613-1615.	2.0	33
43	Impact of Age and Alberta Stroke Program Early Computed Tomography Score 0 to 5 on Mechanical Thrombectomy Outcomes: Analysis From the STRATIS Registry. <i>Stroke</i> , 2021, 52, 2220-2228.	2.0	32
44	AN ARTERIOVENOUS MALFORMATION MODEL FOR STEREOTACTIC RADIOSURGERY RESEARCH. <i>Neurosurgery</i> , 2007, 61, 152-159.	1.1	31
45	Treatment of acute ischemic stroke: intravenous and endovascular therapies. <i>Expert Review of Cardiovascular Therapy</i> , 2009, 7, 375-387.	1.5	27
46	Mechanical thrombectomy for acute ischemic stroke with cerebral microbleeds. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 563-567.	3.3	27
47	Frequency, Determinants, and Outcomes of Emboli to Distal and New Territories Related to Mechanical Thrombectomy for Acute Ischemic Stroke. <i>Stroke</i> , 2021, 52, 2241-2249.	2.0	26
48	Predictors and Functional Outcomes of Fast, Intermediate, and Slow Progression Among Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2020, 51, 2553-2557.	2.0	25
49	Multiparametric Magnetic Resonance Imaging for Prediction of Parenchymal Hemorrhage in Acute Ischemic Stroke After Reperfusion Therapy. <i>Stroke</i> , 2017, 48, 664-670.	2.0	24
50	Stroke Treatment Academic Industry Roundtable. <i>Stroke</i> , 2013, 44, 3596-3601.	2.0	23
51	Posterior Circulation Thrombectomy-ASPECT Score Applied to Preintervention Magnetic Resonance Imaging Can Accurately Predict Functional Outcome. <i>World Neurosurgery</i> , 2019, 129, e566-e571.	1.3	23
52	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.	2.4	19
53	Impact of EMS bypass to endovascular capable hospitals: geospatial modeling analysis of the US STRATIS registry. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 1058-1063.	3.3	19
54	Need to Clarify Thrombolysis In Myocardial Ischemia (TIMI) Scale Scoring Method in the Penumbra Pivotal Stroke Trial. <i>Stroke</i> , 2010, 41, e115-6.	2.0	18

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55	Stereotactic Radiosurgery of the Rete Mirabile in Swine: A Longitudinal Study of Histopathological Changes. <i>Neurosurgery</i> , 2006, 58, 551-558.	1.1	17
56	Heads Up! A Novel Provocative Maneuver to Guide Acute Ischemic Stroke Management. <i>Interventional Neurology</i> , 2017, 6, 8-15.	1.8	17
57	A review of the diagnosis and management of vertebral basilar (posterior) circulation disease. , 2018, 9, 106.		17
58	Increased Success of Single-Pass Large Vessel Recanalization Using a Combined Stentriever and Aspiration Technique: A Single Institution Study. <i>World Neurosurgery</i> , 2019, 123, e747-e752.	1.3	16
59	Endovascular Approaches to the Cavernous Sinus in the Setting of Dural Arteriovenous Fistula. <i>Brain Sciences</i> , 2020, 10, 554.	2.3	16
60	Visual Aids for Patient, Family, and Physician Decision Making About Endovascular Thrombectomy for Acute Ischemic Stroke. <i>Stroke</i> , 2018, 49, 90-97.	2.0	15
61	Hyperacute Therapy of Acute Ischemic Stroke: Intraarterial Thrombolysis and Mechanical Revascularization Strategies. <i>Techniques in Vascular and Interventional Radiology</i> , 2005, 8, 87-91.	1.0	14
62	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.	3.3	14
63	A collaborative sequential meta-analysis of individual patient data from randomized trials of endovascular therapy and tPA vs. tPA alone for acute ischemic stroke: <u>T</u><u>h</u><u>R</u><u>omb</u><u>E</u><u>ctomy <u>A</u><u>nd <u>t</u><u>PA (TREAT) analysis: statistical analysis plan for a sequential meta-analysis performed within the VISTA-Endovascular collaboration. <i>International Journal of Stroke</i> , 2015, 10, 136-144.	5.9	13
64	InÂVitro Modeling of Human Brain Arteriovenous Malformation for Endovascular Simulation and Flow Analysis. <i>World Neurosurgery</i> , 2020, 141, e873-e879.	1.3	13
65	Comparison of Plasmin With Recombinant Tissue-Type Plasminogen Activator in Lysis of Cerebral Thromboemboli Retrieved From Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2011, 42, 2222-2228.	2.0	12
66	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.	3.3	10
67	Venous collateral drainage patterns predict clinical worsening in dural venous sinus thrombosis. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 171-175.	3.3	10
68	Endovascular Treatment of Acute Ischemic Stroke. <i>Neurologic Clinics</i> , 2015, 33, 401-420.	1.8	9
69	Sodium MR Neuroimaging. <i>American Journal of Neuroradiology</i> , 2021, 42, 1920-1926.	2.4	9
70	Impact of eloquent motor cortex-tissue reperfusion beyond the traditional thrombolysis in cerebral infarction (TICI) scoring after thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 990-994.	3.3	9
71	Risk factors of unexplained early neurological deterioration after treatment for ischemic stroke due to large vessel occlusion: a post hoc analysis of the HERMES study. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 221-226.	3.3	9
72	Solitaire FR revascularization device 4Å–40: safety study and effectiveness in preclinical models. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 710-713.	3.3	8

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73	Role of Bedside Multimodality Monitoring in the Detection of Cerebral Vasospasm Following Subarachnoid Hemorrhage. <i>Acta Neurochirurgica Supplementum</i> , 2020, 127, 141-144.	1.0	8
74	Thrombolytic reversal of acute human cerebral ischemic injury shown by diffusion/perfusion magnetic resonance imaging. <i>Annals of Neurology</i> , 2000, 47, 462-469.	5.3	8
75	Pre-procedural simulation for precision stent-assisted coiling of cerebral aneurysm. <i>Interventional Neuroradiology</i> , 2019, 25, 419-422.	1.1	7
76	Hyperacute Therapy of Ischemic Stroke: Intravenous Thrombolysis. <i>Techniques in Vascular and Interventional Radiology</i> , 2005, 8, 81-86.	1.0	5
77	Stent Retriever Thrombectomy for Anterior vs. Posterior Circulation Ischemic Stroke: Analysis of the STRATIS Registry. <i>Frontiers in Neurology</i> , 2021, 12, 706130.	2.4	5
78	Human Endothelial Cell Collection from the Middle Cerebral Artery in Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 669-672.	1.6	4
79	Selective middle cerebral artery occlusion in the rabbit: Technique and characterization with pathologic findings and multimodal MRI. <i>Journal of Neuroscience Methods</i> , 2019, 313, 6-12.	2.5	4
80	Decision-Making Visual Aids for Late, Imaging-Guided Endovascular Thrombectomy for Acute Ischemic Stroke. <i>Journal of Stroke</i> , 2020, 22, 377-386.	3.2	4
81	Atypical case of perimesencephalic subarachnoid hemorrhage. <i>Neuropathology</i> , 2017, 37, 272-274.	1.2	3
82	Microcatheter contrast injection in stent retriever neurothrombectomy is safe and useful: insights from SWIFT PRIME. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 615-619.	3.3	3
83	Emergency Carotid Artery Stenting in Acute Ischemic Stroke. <i>Journal of Neuroendovascular Therapy</i> , 2016, 10, 5-12.	0.1	3
84	Incomplete mechanical recanalization of middle cerebral artery occlusions facilitates endogenous recanalization within 5â€¦h. <i>Journal of NeuroInterventional Surgery</i> , 2013, 5, 217-220.	3.3	2
85	Immunohistochemical analysis of a ruptured basilar top aneurysm autopsied 22â€¦years after embolization with Guglielmi detachable coils. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, e29-e29.	3.3	2
86	Presigmoid Transpetrosal Approach for Superficial Temporal Artery to Distal Posterior Cerebral Artery Bypass and Trapping of Aneurysm. <i>Operative Neurosurgery</i> , 2021, 20, E234-E238.	0.8	2
87	Analysis of Thrombi Retrieved from Cerebral Arteries of Patients with Acute Ischemic Stroke.. <i>Blood</i> , 2005, 106, 263-263.	1.4	2
88	Endovascular Treatment of Acute Ischemic Stroke. , 2016, , 1058-1070.		1
89	Immunohistochemical analysis of a ruptured basilar top aneurysm autopsied 22 years after embolization with Guglielmi detachable coils. <i>BMJ Case Reports</i> , 2014, 2014, bcr2014011260-bcr2014011260.	0.5	1
90	Intraarterial thrombolysis for acute ischemic stroke. <i>Advances in Neurology</i> , 2003, 92, 383-7.	0.8	1

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91	Response to Letter by Culp and Culp. Stroke, 2008, 39, .	2.0	0
92	Endovascular Treatment of Acute Ischemic Stroke. , 2022, , 970-984.e3.		0
93	Critical Angiographic and Sonographic Analysis of Intra Aneurysmal and Downstream Hemodynamic Changes After Flow Diversion. Frontiers in Neurology, 2022, 13, 813101.	2.4	0