

Mahesh V Jayaraman

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

4,314
citations

117625

34
h-index

128289

60
g-index

111
all docs

111
docs citations

111
times ranked

5297
citing authors

#	ARTICLE	IF	CITATIONS
1	Multisociety Consensus Quality Improvement Revised Consensus Statement for Endovascular Therapy of Acute Ischemic Stroke. <i>Journal of Vascular and Interventional Radiology</i> , 2018, 29, 441-453.	0.5	403
2	Multisociety Consensus Quality Improvement Revised Consensus Statement for Endovascular Therapy of Acute Ischemic Stroke. <i>International Journal of Stroke</i> , 2018, 13, 612-632.	5.9	403
3	Angioplasty for Symptomatic Intracranial Stenosis. <i>Stroke</i> , 2006, 37, 1016-1020.	2.0	228
4	Continuous aspiration prior to intracranial vascular embolectomy (CAPTIVE): a technique which improves outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 1154-1159.	3.3	163
5	Challenging the Ischemic Core Concept in Acute Ischemic Stroke Imaging. <i>Stroke</i> , 2020, 51, 3147-3155.	2.0	122
6	Alberta Stroke Program Early Computed Tomographic Scoring Performance in a Series of Patients Undergoing Computed Tomography and MRI. <i>Stroke</i> , 2015, 46, 407-412.	2.0	118
7	Stroke vision, aphasia, neglect (VAN) assessment—a novel emergent large vessel occlusion screening tool: pilot study and comparison with current clinical severity indices. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 122-126.	3.3	115
8	Initial hospital management of patients with emergent large vessel occlusion (ELVO): report of the standards and guidelines committee of the Society of NeuroInterventional Surgery. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 316-323.	3.3	112
9	2018 Guidelines for the Early Management of Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2018, 49, 509-510.	2.0	91
10	Left Atrial Volume Index Is Associated With Cardioembolic Stroke and Atrial Fibrillation Detection After Embolic Stroke of Undetermined Source. <i>Stroke</i> , 2019, 50, 1997-2001.	2.0	90
11	Association of a Primary Stroke Center Protocol for Suspected Stroke by Large-Vessel Occlusion With Efficiency of Care and Patient Outcomes. <i>JAMA Neurology</i> , 2017, 74, 793.	9.0	89
12	Rethinking Thrombolysis in Cerebral Infarction 2b. <i>Stroke</i> , 2017, 48, 2488-2493.	2.0	88
13	Society of NeuroInterventional Surgery recommendations for the care of emergent neurointerventional patients in the setting of COVID-19. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 539-541.	3.3	83
14	A Perfect Storm. <i>Stroke</i> , 2012, 43, 1979-1981.	2.0	81
15	Hemorrhage Rate in Patients With Spetzler-Martin Grades IV and V Arteriovenous Malformations. <i>Stroke</i> , 2007, 38, 325-329.	2.0	79
16	Standard of practice: embolization of spinal arteriovenous fistulae, spinal arteriovenous malformations, and tumors of the spinal axis. <i>Journal of NeuroInterventional Surgery</i> , 2013, 5, 3-5.	3.3	78
17	Blood Pressure after Endovascular Therapy for Ischemic Stroke (BEST). <i>Stroke</i> , 2019, 50, 3449-3455.	2.0	69
18	Door-in-Door-Out Time at Primary Stroke Centers May Predict Outcome for Emergent Large Vessel Occlusion Patients. <i>Stroke</i> , 2018, 49, 2969-2974.	2.0	68

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19	Embolectomy for stroke with emergent large vessel occlusion (ELVO): report of the Standards and Guidelines Committee of the Society of NeuroInterventional Surgery: TableÂ1. Journal of NeuroInterventional Surgery, 2015, 7, 316-321.	3.3	64
20	Prehospital care delivery and triage of stroke with emergent large vessel occlusion (ELVO): report of the Standards and Guidelines Committee of the Society of NeuroInterventional Surgery. Journal of NeuroInterventional Surgery, 2017, 9, 802-812.	3.3	61
21	Imaging Parameters and Recurrent Cerebrovascular Events in Patients With Minor Stroke or Transient Ischemic Attack. JAMA Neurology, 2016, 73, 572.	9.0	56
22	Sex differences in 90-day outcomes after mechanical thrombectomy for acute ischemic stroke. Journal of NeuroInterventional Surgery, 2019, 11, 221-225.	3.3	56
23	What constitutes the M1 segment of the middle cerebral artery?. Journal of NeuroInterventional Surgery, 2016, 8, 1273-1277.	3.3	55
24	Early Elevated Troponin Levels After Ischemic Stroke Suggests a Cardioembolic Source. Stroke, 2018, 49, 121-126.	2.0	53
25	Detecting Large Vessel Occlusion at Multiphase CT Angiography by Using a Deep Convolutional Neural Network. Radiology, 2020, 297, 640-649.	7.3	48
26	The left atrial appendage morphology is associated with embolic stroke subtypes using a simple classification system: A proof of concept study. Journal of Cardiovascular Computed Tomography, 2020, 14, 27-33.	1.3	45
27	Vertebral augmentation: report of the Standards and Guidelines Committee of the Society of NeuroInterventional Surgery. Journal of NeuroInterventional Surgery, 2014, 6, 7-15.	3.3	44
28	A Simple Score That Predicts Paroxysmal Atrial Fibrillation on Outpatient Cardiac Monitoring after Embolic Stroke of Unknown Source. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 1692-1696.	1.6	44
29	Predicting symptomatic intracranial haemorrhage after mechanical thrombectomy: the TAG score. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, jnp-2019-321184.	1.9	44
30	Endovascular treatment of acute ischemic stroke in nonagenarians compared with younger patients in a multicenter cohort. Journal of NeuroInterventional Surgery, 2017, 9, 727-731.	3.3	42
31	The Hydrogel Endovascular Aneurysm Treatment Trial (HEAT): A Randomized Controlled Trial of the Second-Generation Hydrogel Coil. Neurosurgery, 2020, 86, 615-624.	1.1	41
32	Mechanical Thrombectomy in Patients With Ischemic Stroke With Prestroke Disability. Stroke, 2020, 51, 1539-1545.	2.0	41
33	Standards of practice in acute ischemic stroke intervention: international recommendations. Journal of NeuroInterventional Surgery, 2018, 10, 1121-1126.	3.3	40
34	Platelet function inhibitors and platelet function testing in neurointerventional procedures: TableÂ1. Journal of NeuroInterventional Surgery, 2014, 6, 567-577.	3.3	37
35	Antiplatelet Management for Stent-Assisted Coiling and Flow Diversion of Ruptured Intracranial Aneurysms: A DELPHI Consensus Statement. American Journal of Neuroradiology, 2020, 41, 1856-1862.	2.4	37
36	Field triage for endovascular stroke therapy: a population-based comparison. Journal of NeuroInterventional Surgery, 2020, 12, 233-239.	3.3	34

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37	Imaging Triage of Patients with Late-Window (6â€“24 Hours) Acute Ischemic Stroke: A Comparative Study Using Multiphase CT Angiography versus CT Perfusion. <i>American Journal of Neuroradiology</i> , 2020, 41, 129-133.	2.4	33
38	The Association between Diffusion MRIâ€“Defined Infarct Volume and NIHSS Score in Patients with Minor Acute Stroke. <i>Journal of Neuroimaging</i> , 2017, 27, 388-391.	2.0	32
39	Neuroendovascular management of emergent large vessel occlusion: update on the technical aspects and standards of practice by the Standards and Guidelines Committee of the Society of NeuroInterventional Surgery. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 315-320.	3.3	32
40	Guidelines and parameters: percutaneous sclerotherapy for the treatment of head and neck venous and lymphatic malformations. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 611-617.	3.3	31
41	Developing a statewide protocol to ensure patients with suspected emergent large vessel occlusion are directly triaged in the field to a comprehensive stroke center: how we did it. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 330-332.	3.3	30
42	Optimization of Endovascular Therapy in the Neuroangiography Suite to Achieve Fast and Complete (Expanded Treatment in Cerebral Ischemia 2c-3) Reperfusion. <i>Stroke</i> , 2020, 51, 1961-1968.	2.0	30
43	Recurrent Ischemic Stroke and Bleeding in Patients With Atrial Fibrillation Who Suffered an Acute Stroke While on Treatment With Nonvitamin K Antagonist Oral Anticoagulants: The RENO-EXTEND Study. <i>Stroke</i> , 2022, 53, 2620-2627.	2.0	28
44	Post-thrombectomy management of the ELVO patient: Guidelines from the Society of NeuroInterventional Surgery. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 1258-1266.	3.3	27
45	Standard and Guidelines: Intracranial Dural Arteriovenous Shunts. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 516-523.	3.3	26
46	Radiologic Patterns of Intracranial Hemorrhage and Clinical Outcome after Endovascular Treatment in Acute Ischemic Stroke: Results from the ESCAPE-NA1 Trial. <i>Radiology</i> , 2021, 300, 402-409.	7.3	26
47	Perfusion imaging and recurrent cerebrovascular events in intracranial atherosclerotic disease or carotid occlusion. <i>International Journal of Stroke</i> , 2018, 13, 592-599.	5.9	25
48	Morphologic Assessment of Middle Cerebral Artery Aneurysms for Endovascular Treatment. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2007, 16, 52-56.	1.6	24
49	Modeling of blood flow in arterial trees. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2010, 2, 612-623.	6.6	24
50	Standard of practice: endovascular treatment of intracranial atherosclerosis: Table 1. <i>Journal of NeuroInterventional Surgery</i> , 2012, 4, 397-406.	3.3	24
51	Left Atrial Appendage Morphology and Embolic Stroke of Undetermined Source: A Cross-Sectional Multicenter Pilot Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 1497-1501.	1.6	22
52	Baseline NIH Stroke Scale is an inferior predictor of functional outcome in the era of acute stroke intervention. <i>International Journal of Stroke</i> , 2018, 13, 806-810.	5.9	22
53	Endovascular Treatment of Anterior Circulation Large Vessel Occlusion in the Elderly. <i>Frontiers in Neurology</i> , 2017, 8, 713.	2.4	22
54	Decreasing procedure times with a standardized approach to ELVO cases. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 2-5.	3.3	21

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55	What Threshold Defines Penumbra Brain Tissue in Patients with Symptomatic Anterior Circulation Intracranial Stenosis: An Exploratory Analysis. <i>Journal of Neuroimaging</i> , 2019, 29, 203-205.	2.0	21
56	Minor Stroke and Transient Ischemic Attack: Research and Practice. <i>Frontiers in Neurology</i> , 2016, 7, 86.	2.4	20
57	Infarct Pattern, Perfusion Mismatch Thresholds, and Recurrent Cerebrovascular Events in Symptomatic Intracranial Stenosis. <i>Journal of Neuroimaging</i> , 2019, 29, 640-644.	2.0	20
58	Standards of Practice in Acute Ischemic Stroke Intervention: International Recommendations. <i>American Journal of Neuroradiology</i> , 2018, 39, E112-E117.	2.4	19
59	Cardiac Biomarkers Predict Large Vessel Occlusion in Patients with Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1726-1731.	1.6	18
60	Noncontrast CT versus Perfusion-Based Core Estimation in Large Vessel Occlusion: The Blood Pressure after Endovascular Stroke Therapy Study. <i>Journal of Neuroimaging</i> , 2020, 30, 219-226.	2.0	17
61	Strength of Association between Infarct Volume and Clinical Outcome Depends on the Magnitude of Infarct Size: Results from the ESCAPE-NA1 Trial. <i>American Journal of Neuroradiology</i> , 2021, 42, 1375-1379.	2.4	17
62	Ruptured aneurysms of the intradural artery of adamkiewicz: Angiographic features and treatment options. <i>Clinical Neurology and Neurosurgery</i> , 2016, 146, 152-155.	1.4	16
63	Imaging of Patients with Suspected Large-Vessel Occlusion at Primary Stroke Centers: Available Modalities and a Suggested Approach. <i>American Journal of Neuroradiology</i> , 2019, 40, 396-400.	2.4	16
64	Ischemic Stroke and Internal Carotid Artery Web. <i>Stroke</i> , 2019, 50, e31-e34.	2.0	16
65	Emergency medical systems education may improve knowledge of pre-hospital stroke triage protocols. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 370-373.	3.3	15
66	Quality Improvement Guidelines for Adult Diagnostic Cervicocerebral Angiography: Update Cooperative Study between the Society of Interventional Radiology (SIR), American Society of Neuroradiology (ASNR), and Society of NeuroInterventional Surgery (SNIS). <i>Journal of Vascular and Interventional Radiology</i> , 2015, 26, 1596-1608.	0.5	14
67	Redefining Early Neurological Improvement After Reperfusion Therapy in Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104526.	1.6	14
68	Considerations for Antiplatelet Management of Carotid Stenting in the Setting of Mechanical Thrombectomy: A Delphi Consensus Statement. <i>American Journal of Neuroradiology</i> , 2020, 41, 2274-2279.	2.4	14
69	Leaving No Large Vessel Occlusion Stroke Behind. <i>Stroke</i> , 2020, 51, 1951-1960.	2.0	14
70	Reporting standards for angiographic evaluation and endovascular treatment of cerebral arteriovenous malformations: Table 1. <i>Journal of NeuroInterventional Surgery</i> , 2012, 4, 325-330.	3.3	13
71	Association between age and outcomes following thrombectomy for anterior circulation emergent large vessel occlusion is determined by degree of recanalisation. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 114-118.	3.3	13
72	Primary to comprehensive stroke center transfers: Appropriateness, not futility. <i>International Journal of Stroke</i> , 2018, 13, 550-553.	5.9	12

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73	Ipsilateral internal carotid artery web and acute ischemic stroke: A cohort study, systematic review and meta-analysis. PLoS ONE, 2021, 16, e0257697.	2.5	12
74	Mechanical Thrombectomy in Ischemic Stroke Patients with Severe Pre-Stroke Disability. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104952.	1.6	11
75	Workflow patterns and potential for optimization in endovascular stroke treatment across the world: results from a multinational survey. Journal of NeuroInterventional Surgery, 2020, 12, neurintsurg-2020-015902.	3.3	11
76	Detection of emergent large vessel occlusion stroke with CT angiography is high across all levels of radiology training and grayscale viewing methods. European Radiology, 2020, 30, 4447-4453.	4.5	11
77	Tentorial dural arteriovenous fistula presenting as myelopathy: Case series and review of literature. World Journal of Clinical Cases, 2014, 2, 907.	0.8	10
78	Predictors of symptomatic intracranial haemorrhage in patients with an ischaemic stroke with neurological deterioration after intravenous thrombolysis. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 866-869.	1.9	10
79	Left Atrial Enlargement and Anticoagulation Status in Patients with Acute Ischemic Stroke and Atrial Fibrillation. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 192-197.	1.6	10
80	Accuracy of smartphone-based evaluation of Emergent Large Vessel Occlusion on CTA. Clinical Neurology and Neurosurgery, 2018, 171, 135-138.	1.4	10
81	Unresolved Issues in Thrombectomy. Current Neurology and Neuroscience Reports, 2017, 17, 69.	4.2	9
82	Standards of practice and reporting standards for carotid artery angioplasty and stenting. Journal of NeuroInterventional Surgery, 2014, 6, 87-90.	3.3	8
83	Maintenance of certification: part 2â€”continuous certification. Journal of NeuroInterventional Surgery, 2014, 6, 156-160.	3.3	8
84	Aneurysms, Arteriovenous Malformations, and Dural Arteriovenous Fistulas: Diagnosis and Treatment. Seminars in Roentgenology, 2014, 49, 10-21.	0.6	8
85	Mechanical embolectomy for acute ischemic stroke beyond six hours from symptom onset using MRI based perfusion imaging. Journal of the Neurological Sciences, 2017, 375, 395-400.	0.6	8
86	Troponin Improves the Yield of Transthoracic Echocardiography in Ischemic Stroke Patients of Determined Stroke Subtype. Stroke, 2018, 49, 2777-2779.	2.0	8
87	Peri-procedural stroke or death in stenting of symptomatic severe intracranial stenosis. Journal of NeuroInterventional Surgery, 2020, 12, 374-379.	3.3	8
88	Amartya Sen and the Organization of Endovascular Stroke Treatment. Stroke, 2017, 48, 2310-2312.	2.0	7
89	The Addition of Atrial Fibrillation to the Los Angeles Motor Scale May Improve Prediction of Large Vessel Occlusion. Journal of Neuroimaging, 2019, 29, 463-466.	2.0	7
90	Standards of practice in acute ischemic stroke intervention: International recommendations. Interventional Neuroradiology, 2019, 25, 31-37.	1.1	7

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91	The Effect of Hyperglycemia on Infarct Growth after Reperfusion: An Analysis of the DEFUSE 3 trial. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105380.	1.6	7
92	Yield of diagnostic imaging in atraumatic convexity subarachnoid hemorrhage. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 1222-1226.	3.3	6
93	Increased Left Atrial Appendage Density on Computerized Tomography is Associated with Cardioembolic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104604.	1.6	6
94	Evidence-based clinical practice for the neurointerventionalist. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 225-228.	3.3	5
95	Level of consciousness at discharge and associations with outcome after ischemic stroke. <i>Journal of the Neurological Sciences</i> , 2018, 390, 102-107.	0.6	5
96	Standard of practice: embolization of ruptured and unruptured intracranial aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2013, 5, 283-288.	3.3	4
97	Geographic modeling of best transport options for treatment of acute ischemic stroke patients applied to policy decision making in the USA and Northern Ireland. <i>IJSE Transactions on Healthcare Systems Engineering</i> , 2018, 8, 220-226.	1.7	4
98	Penumbra Consumption Rates Based on Time-to-Maximum Delay and Reperfusion Status: A Post Hoc Analysis of the DEFUSE 3 Trial. <i>Stroke</i> , 2021, 52, 2690-2693.	2.0	4
99	Current Strategies in the Surgical Management of Ischemic Stroke. <i>Rhode Island Medical Journal</i> (2013), 2017, 100, 25-29.	0.2	4
100	Traumatic Superficial Temporal Artery Pseudoaneurysm in a Helmeted Lacrosse Player. <i>Current Sports Medicine Reports</i> , 2016, 15, 13-15.	1.2	3
101	Vascular closure devices in stroke patients receiving tissue plasminogen activator: A retrospective analysis from an academic tertiary medical center and a teaching community hospital stroke database. <i>Clinical Neurology and Neurosurgery</i> , 2017, 157, 22-24.	1.4	3
102	Reporting standards for endovascular chemotherapy of head, neck and CNS tumors. <i>Journal of NeuroInterventional Surgery</i> , 2013, 5, 396-399.	3.3	2
103	Serum Troponin Level in Acute Ischemic Stroke Identifies Patients with Visceral Infarcts. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1173-1177.	1.6	2
104	Partial Recanalization of a Large Vessel Acute Ischemic Stroke With Intravenous Tissue Plasminogen Activator, Followed by Systemic Anticoagulation, in the Setting of COVID-19-Induced Hypercoagulability: A Case Report. <i>Neurohospitalist, The</i> , 2021, 11, 246-250.	0.8	2
105	Effects of multiphase versus single-phase CT angiography for the detection of distal cerebral vessel occlusion. <i>Emergency Radiology</i> , 2021, 28, 891-898.	1.8	2
106	Pre-endovascular therapy change in blood pressure is associated with outcomes in patients with stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 438-439.	1.9	1
107	Dual antiplatelet use in the management of COVID-19 associated acute ischemic stroke reocclusion. <i>Interventional Neuroradiology</i> , 2023, 29, 540-547.	1.1	1
108	Future acute ischemic stroke trials should randomize on the angio table. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, e1-e1.	3.3	0

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109	Response by Baird et al to Letter Regarding Article, "Door-in-Door-Out Time at Primary Stroke Centers May Predict Outcome for Emergent Large Vessel Occlusion Patients" Stroke, 2019, 50, e213.	2.0	0
110	Echocardiographic wall motion abnormalities in patients with stroke may warrant cardiac evaluation. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 792-795.	1.9	0
111	Abstract 1122â€œ000140: National Trends in Readmission after Mechanical Thrombectomy in Acute Ischemic Stroke. , 2021, 1, .		0