

# Hamed Asadi

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

2,249  
citations

331670

21  
h-index

243625

44  
g-index

69  
all docs

69  
docs citations

69  
times ranked

3107  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tenecteplase versus Alteplase before Thrombectomy for Ischemic Stroke. <i>New England Journal of Medicine</i> , 2018, 378, 1573-1582.	27.0	538
2	Peering Into the Black Box of Artificial Intelligence: Evaluation Metrics of Machine Learning Methods. <i>American Journal of Roentgenology</i> , 2019, 212, 38-43.	2.2	208
3	Effect of Intravenous Tenecteplase Dose on Cerebral Reperfusion Before Thrombectomy in Patients With Large Vessel Occlusion Ischemic Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 1257.	7.4	168
4	Machine Learning for Outcome Prediction of Acute Ischemic Stroke Post Intra-Arterial Therapy. <i>PLoS ONE</i> , 2014, 9, e88225.	2.5	159
5	A Review of the Management of Cerebral Vasospasm After Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2019, 126, 513-527.	1.3	90
6	Mortality Outcomes of Vertebral Augmentation (Vertebroplasty and/or Balloon Kyphoplasty) for Osteoporotic Vertebral Compression Fractures: A Systematic Review and Meta-Analysis. <i>Radiology</i> , 2020, 295, 96-103.	7.3	74
7	Tenecteplase versus alteplase before endovascular thrombectomy (EXTEND-IA TNK): A multicenter, randomized, controlled study. <i>International Journal of Stroke</i> , 2018, 13, 328-334.	5.9	58
8	Melbourne Mobile Stroke Unit and Reperfusion Therapy. <i>Stroke</i> , 2020, 51, 922-930.	2.0	58
9	Outcomes and Complications After Endovascular Treatment of Brain Arteriovenous Malformations: A Prognostication Attempt Using Artificial Intelligence. <i>World Neurosurgery</i> , 2016, 96, 562-569.e1.	1.3	55
10	Surgical tool segmentation using a hybrid deep CNN-RNN auto encoder-decoder. , 2017, , .		54
11	Systematic Review and Single-Center Experience for Endovascular Management of Visceral and Renal Artery Aneurysms. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 1630-1641.	0.5	52
12	Endovascular Mechanical Thrombectomy in Large-Vessel Occlusion Ischemic Stroke Presenting with Low National Institutes of Health Stroke Scale: Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2018, 110, 263-269.	1.3	51
13	Combined Vertebral Augmentation and Radiofrequency Ablation in the Management of Spinal Metastases: an Update. <i>Current Treatment Options in Oncology</i> , 2017, 18, 74.	3.0	47
14	Intracranial Vessel Wall Imaging with Magnetic Resonance Imaging: Current Techniques and Applications. <i>World Neurosurgery</i> , 2018, 112, 186-198.	1.3	43
15	Rescue Intracranial Stenting After Failed Mechanical Thrombectomy for Acute Ischemic Stroke: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2019, 132, e235-e245.	1.3	41
16	Endovascular Thrombectomy Alone versus Combined with Intravenous Thrombolysis. <i>World Neurosurgery</i> , 2017, 108, 850-858.e2.	1.3	38
17	The future of interventional and neurointerventional radiology: learning lessons from the past. <i>British Journal of Radiology</i> , 2017, 90, 20170473.	2.2	33
18	Contact Aspiration versus Stent-Retriever Thrombectomy for Distal Middle Cerebral Artery Occlusions in Acute Ischemic Stroke: Meta-Analysis. <i>Neurointervention</i> , 2018, 13, 100-109.	0.8	32

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19	Direct endovascular thrombectomy and bridging strategies for acute ischemic stroke: a network meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 443-449.	3.3	30
20	Review of deep learning algorithms for the automatic detection of intracranial hemorrhages on computed tomography head imaging. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 369-378.	3.3	29
21	Digital hair segmentation using hybrid convolutional and recurrent neural networks architecture. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 177, 17-30.	4.7	25
22	Outcomes of endovascular thrombectomy with and without bridging thrombolysis for acute large vessel occlusion ischaemic stroke. <i>Internal Medicine Journal</i> , 2019, 49, 345-351.	0.8	24
23	Carotid artery stenting: Current state of evidence and future directions. <i>Acta Neurologica Scandinavica</i> , 2019, 139, 318-333.	2.1	24
24	Environmental sustainability in neurointerventional procedures: a waste audit. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 1053-1057.	3.3	21
25	Changing Management of Acute Ischaemic Stroke: the New Treatments and Emerging Role of Endovascular Therapy. <i>Current Treatment Options in Neurology</i> , 2016, 18, 20.	1.8	20
26	Treatment of Visceral Artery Aneurysms Using Novel Neurointerventional Devices and Techniques. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1407-1417.	0.5	19
27	Influence of ASPECTS and endovascular thrombectomy in acute ischemic stroke: a meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 664-669.	3.3	19
28	International Study of Intracranial Aneurysm Treatment Using Woven EndoBridge: Results of the WorldWideWEB Consortium. <i>Stroke</i> , 2022, 53, STROKEAHA121037609.	2.0	16
29	Endovascular Treatment of Wide-Necked Visceral Artery Aneurysms Using the Neurovascular Comaneci Neck-Bridging Device: A Technical Report. <i>CardioVascular and Interventional Radiology</i> , 2017, 40, 1784-1791.	2.0	15
30	Borderline Alberta Stroke Programme Early CT Score Patients with Acute Ischemic Stroke Due to Large Vessel Occlusion May Find Benefit with Endovascular Thrombectomy. <i>World Neurosurgery</i> , 2018, 110, e653-e658.	1.3	14
31	Artificial intelligence in clinical decision support and outcome prediction “ applications in stroke. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2021, 65, 518-528.	1.8	14
32	Multicenter Study for the Treatment of Sidewall versus Bifurcation Intracranial Aneurysms with Use of Woven EndoBridge (WEB). <i>Radiology</i> , 2022, 304, 372-382.	7.3	14
33	Australian students’ perspective on interventional radiology education: A prospective cross-institutional study. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2018, 62, 758-763.	1.8	13
34	The 100 most cited articles in the endovascular treatment of thoracic and abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2018, 68, 1566-1581.	1.1	12
35	Vertebroplasty for acute painful osteoporotic vertebral compression fractures: An update. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2019, 63, 779-785.	1.8	11
36	Realistic hair simulator for skin lesion images: A novel benchmarking tool. <i>Artificial Intelligence in Medicine</i> , 2020, 108, 101933.	6.5	10

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37	The 100 most cited articles in the endovascular management of intracranial aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 859-868.	3.3	9
38	Four-Dimensional Magnetic Resonance Imaging Assessment of Intracranial Aneurysms: A State-of-the-Art Review. <i>Neurosurgery</i> , 2020, 87, 453-465.	1.1	9
39	Occult temporal lobe encephalocoele into the transverse sinus. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1202-1204.	1.5	8
40	Endovascular treatment of visceral artery and renal aneurysms (VRAA) using a constant mesh density flow diverting stent. <i>CVIR Endovascular</i> , 2019, 2, 15.	1.1	8
41	Carotid Artery Stenting in Acute Stroke Using a Microporous Stent Device: A Single-Center Experience. <i>World Neurosurgery</i> , 2019, 127, e1003-e1012.	1.3	8
42	Optimizing Resources for Endovascular Clot Retrieval for Acute Ischemic Stroke, a Discrete Event Simulation. <i>Frontiers in Neurology</i> , 2019, 10, 653.	2.4	7
43	Endovascular thrombectomy for tandem acute ischemic stroke associated with cervical artery dissection: a systematic review and meta-analysis. <i>Neuroradiology</i> , 2020, 62, 861-866.	2.2	7
44	Antiplatelet Drugs for Neurointerventions: Part 2 Clinical Applications. <i>Clinical Neuroradiology</i> , 2021, 31, 545-558.	1.9	7
45	Endovascular embolization of canine hepatic arteriovenous malformations using precipitating hydrophobic injectable liquid (PHIL) liquid embolic agent: a proof of concept study. <i>CVIR Endovascular</i> , 2019, 2, 27.	1.1	5
46	Endovascular Retrieval of Dislodged Neurovascular Devices with a Stentriever: Case Series and Technical Review. <i>World Neurosurgery</i> , 2019, 123, e661-e669.	1.3	5
47	Geographic Service Delivery for Endovascular Clot Retrieval: Using Discrete Event Simulation to Optimize Resources. <i>World Neurosurgery</i> , 2020, 141, e400-e413.	1.3	5
48	Towards Trusted Autonomous Surgical Robots. , 2018, , .		4
49	Percutaneous dialysis arteriovenous fistula banding for flow reduction – a case series. <i>CVIR Endovascular</i> , 2018, 1, 27.	1.1	4
50	Acute middle cerebral artery stroke in a patient with a patent middle cerebral artery. <i>Neurology: Clinical Practice</i> , 2019, 9, 250-255.	1.6	4
51	Contemporary Treatment of Intracranial Blood Blister Aneurysms – A Systematic Review. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105968.	1.6	4
52	Colonoscopic blunt splenic injury: a rare but an important complication. <i>ANZ Journal of Surgery</i> , 2018, 88, E218-E219.	0.7	3
53	Endovascular treatment of a hepatic artery pseudoaneurysm using a novel pericardium covered stent. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2019, 63, 765-769.	1.8	3
54	CaRotid Artery Filtering Technique (CRAFT): A Technique for Carotid Artery Stenting with Intrinsic Embolic Protection. <i>Neurointervention</i> , 2021, 16, 260-266.	0.8	3

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55	A diagnosis of stroke-like migraine attacks after radiation therapy (SMART) as severe headache with stroke-like presentation. Iranian Journal of Neurology, 2016, 15, 237-239.	0.5	3
56	The 100 most cited articles in the Journal of NeuroInterventional Surgery. Journal of NeuroInterventional Surgery, 2018, 10, 1020-1028.	3.3	2
57	Application of a computational model in simulating an endovascular clot retrieval service system within regional Australia. Journal of Medical Imaging and Radiation Oncology, 2021, 65, 850-857.	1.8	2
58	Endovascular balloon-assisted liquid embolisation of soft tissue vascular malformations: technical feasibility and safety. CVIR Endovascular, 2021, 4, 49.	1.1	2
59	COILUMICA: coil embolization of a coronary artery to pulmonary artery fistula via novel dual lumen micro catheter technique. CVIR Endovascular, 2020, 3, 83.	1.1	2
60	Tip of an Iceberg: Skull Fracture as an Adult Presentation of Encephalocraniocutaneous Lipomatosis. Case Reports in Neurological Medicine, 2016, 2016, 1-4.	0.4	1
61	Mystery Case: Dural melanocytoma with leptomeningeal melanocytosis. Neurology, 2017, 88, e70-e71.	1.1	1
62	A Fine Needle Recanalization Technique for Iliac Artery Occlusions in Endovascular Surgery. Annals of Vascular Surgery, 2019, 54, 328-334.	0.9	1
63	Endovascular Treatment of Intracranial Aneurysms: What Does Bibliographic Analysis Tell Us About Treatment Paradigms and Predictions for the Future?. World Neurosurgery, 2019, 121, 259-260.	1.3	1
64	Catheter-Directed Fenestration for Branch Vessel Reconnection in Aortic Dissection Using a Novel Diamond-Tipped Chronic Total Occlusion Drilling Device: A Technical Report. CardioVascular and Interventional Radiology, 2019, 42, 608-614.	2.0	1
65	The 100 most cited articles in the endovascular treatment of brain arteriovenous malformations. Brain Circulation, 2021, 7, 49.	1.8	1
66	Early angiography and clot retrieval in treatment of acute superior mesenteric artery embolus. ANZ Journal of Surgery, 2016, 86, 203-205.	0.7	0
67	Large-Volume Percutaneous Balloon Thromboembolectomy of the Lower-Limb Arteries. Journal of Vascular and Interventional Radiology, 2018, 29, 138-141.	0.5	0
68	Single Level Percutaneous Vertebroplasty for Vertebral Hemangiomas - A Review of Outcomes. Pain Physician, 2020, 23, E637-E642.	0.4	0
69	Intracranial atherosclerotic disease and acute ischaemic stroke: A review of diagnosis and management. Journal of Medical Imaging and Radiation Oncology, 2022, 66, 391-403.	1.8	0