Randall T Higashida

List of Publications by Year
in descending order

69 papers	3,238 citations	331670 21 h-index	149698 56 g-index
70 all docs	70 docs citations	70 times ranked	3130 citing authors

#	Article	IF	Citations
1	Trial Design and Reporting Standards for Intra-Arterial Cerebral Thrombolysis for Acute Ischemic Stroke. Stroke, 2003, 34, e109-37.	2.0	1,242
2	Endovascular and surgical treatment of unruptured cerebral aneurysms: Comparison of risks. Annals of Neurology, 2000, 48, 11-19.	5.3	238
3	Cerebral Hyperperfusion Syndrome after Percutaneous Transluminal Stenting of the Craniocervical Arteries. Neurosurgery, 2000, 47, 335-345.	1.1	216
4	Initial clinical experience with a new self-expanding nitinol stent for the treatment of intracranial cerebral aneurysms: the Cordis Enterprise stent. American Journal of Neuroradiology, 2005, 26, 1751-6.	2.4	136
5	Treatment of Posterior Circulation Ischemia With Extracranial Percutaneous Balloon Angioplasty and Stent Placement. Stroke, 1999, 30, 2073-2085.	2.0	128
6	Direct Endovascular Thrombolytic Therapy for Dural Sinus Thrombosis. Neurosurgery, 1991, 28, 135-142.	1.1	112
7	Dural Arteriovenous Fistulas Supplied by Ethmoidal Arteries. Neurosurgery, 1990, 26, 816-823.	1.1	97
8	Trial Design and Reporting Standards for Intraarterial Cerebral Thrombolysis for Acute Ischemic Stroke. Journal of Vascular and Interventional Radiology, 2003, 14, S493-S494.	0.5	84
9	Endovascular and surgical treatment of unruptured cerebral aneurysms: Comparison of risks. Annals of Neurology, 2000, 48, 11-19.	5.3	80
10	Interventional Neuroradiological Management of Vein of Galen Malformations in the Neonate. Neurosurgery, 1990, 27, 22-28.	1.1	70
11	Tandem Intracranial Stent Deployment for Treatment of an Iatrogenic, Flow- limiting, Basilar Artery Dissection: Technical Case Report. Neurosurgery, 1999, 45, 919-924.	1.1	60
12	Cerebral Arterial Fenestrations. Interventional Neuroradiology, 2014, 20, 261-274.	1.1	55
13	Hemorrhagic complications in vein of Galen malformations. Annals of Neurology, 2000, 47, 748-755.	5.3	46
14	Endovascular Coil Embolization of Unusual Posterior Inferior Cerebellar Artery Aneurysms. Neurosurgery, 1990, 27, 954-961.	1.1	45
15	Long-Term Outcomes of Endovascular Treatment of Indirect Carotid Cavernous Fistulae: Superior Efficacy, Safety, and Durability of Transvenous Coiling Over Other Techniques. Neurosurgery, 2019, 85, E94-E100.	1.1	39
16	Intracranial Angioplasty & Stenting For Cerebral Atherosclerosis: A Position Statement of the American Society of Interventional and Therapeutic Neuroradiology, Society of Interventional Radiology, and the American Society of Neuroradiology. Journal of Vascular and Interventional Radiology, 2005, 16, 1281-1285.	0.5	38
17	Intracranial angioplasty & stenting for cerebral atherosclerosis: a position statement of the American Society of Interventional and Therapeutic Neuroradiology, Society of Interventional Radiology, and the American Society of Neuroradiology. American Journal of Neuroradiology, 2005, 26, 2323-7.	2.4	38
18	Transluminal Angioplasty, Thrombolysis, and Stenting for Extracranial and Intracranial Cerebral Vascular Disease. Journal of Interventional Cardiology, 1996, 9, 245-255.	1.2	36

#	Article	IF	Citations
19	Contrast Staining on CT after DSA in Ischemic Stroke Patients Progresses to Infarction and Rarely Hemorrhages. Interventional Neuroradiology, 2014, 20, 106-115.	1.1	31
20	Brain Arteriovenous Malformation Recurrence After Apparent Microsurgical Cure. Stroke, 2020, 51, 2990-2996.	2.0	28
21	Subclavian arteritis and pseudoaneurysm formation secondary to stent infection. CardioVascular and Interventional Radiology, 2000, 23, 57-60.	2.0	27
22	Impact of Aortic Arch Anatomy on Technical Performance and Clinical Outcomes in Patients with Acute Ischemic Stroke. American Journal of Neuroradiology, 2020, 41, 268-273.	2.4	25
23	Pial Artery Supply as an Anatomic Risk Factor for Ischemic Stroke in the Treatment of Intracranial Dural Arteriovenous Fistulas. American Journal of Neuroradiology, 2017, 38, 2315-2320.	2.4	22
24	Serial Ultrasonographic Evaluation of Neonatal Vein of Galen Malformations to Assess the Efficacy of Interventional Neuroradiological Procedures. Neurosurgery, 1990, 27, 544-548.	1.1	21
25	Dural Arteriovenous Fistulas of the Foramen Magnum Region: Clinical Features and Angioarchitectural Phenotypes. American Journal of Neuroradiology, 2021, 42, 1486-1491.	2.4	20
26	Superselective Intra-Arterial Ethanol Sclerotherapy of Feeding Artery and Nidal Aneurysms in Ruptured Cerebral Arteriovenous Malformations. American Journal of Neuroradiology, 2016, 37, 692-697.	2.4	19
27	Intracranial angioplasty and stenting for cerebral atherosclerosis: new treatments for stroke are needed!. Neuroradiology, 2006, 48, 367-372.	2.2	18
28	Radial artery access anatomy: considerations for neuroendovascular procedures. Journal of NeuroInterventional Surgery, 2021, 13, 1139-1144.	3.3	17
29	Radial artery access for neuroendovascular procedures: safety review and complications. Journal of NeuroInterventional Surgery, 2021, 13, 1132-1138.	3.3	17
30	Recent Advances in the Interventional Treatment of Acute Ischemic Stroke. Cerebrovascular Diseases, 2005, 20, 140-147.	1.7	16
31	Intracranial Angioplasty and Stenting for Cerebral Atherosclerosis: A Position Statement of the American Society of Interventional and Therapeutic Neuroradiology, Society of Interventional Radiology, and the American Society of Neuroradiology. Journal of Vascular and Interventional Radiology, 2009, 20, S312-S316.	0.5	13
32	Spontaneous retroclival hematoma: a case series. Journal of Neurosurgery, 2016, 124, 716-719.	1.6	13
33	Endovascular biopsy: Technical feasibility of novel endothelial cell harvesting devices assessed in a rabbit aneurysm model. Interventional Neuroradiology, 2015, 21, 120-128.	1.1	12
34	Reversible cerebral vasoconstriction syndrome is a rare cause of stroke after carotid endarterectomy. Journal of Vascular Surgery, 2016, 64, 1847-1850.	1.1	12
35	Improving mechanical thrombectomy time metrics in the angiography suite: Stroke cart, parallel workflows, and conscious sedation. Interventional Neuroradiology, 2018, 24, 168-177.	1.1	12
36	Recent Administration of Iodinated Contrast Renders Core Infarct Estimation Inaccurate Using RAPID Software. American Journal of Neuroradiology, 2020, 41, 2235-2242.	2.4	12

#	Article	IF	Citations
37	Endovascular biopsy: Strategy for analyzing gene expression profiles of individual endothelial cells obtained from human vessels. Biotechnology Reports (Amsterdam, Netherlands), 2015, 7, 157-165.	4.4	11
38	Lesion location, stability, and pretreatment management: factors affecting outcomes of endovascular treatment for vertebrobasilar atherosclerosis. Journal of NeuroInterventional Surgery, 2016, 8, 466-470.	3.3	11
39	Interrater Reliability in the Measurement of Flow Characteristics on Color-Coded Quantitative DSA of Brain AVMs. American Journal of Neuroradiology, 2020, 41, 2303-2310.	2.4	11
40	DETERMINING INTRA-ANEURYSMAL FLOW FOR COILED CEREBRAL ANEURYSMS WITH DIGITAL FLUOROSCOPY. Biomedical Engineering - Applications, Basis and Communications, 2004, 16, 43-48.	0.6	10
41	Improved procedural safety following protocol changes for selective ophthalmic arterial infusion of chemotherapy for treatment of ocular retinoblastoma. Interventional Neuroradiology, 2018, 24, 345-350.	1.1	10
42	Reversal of Vasospasm with Clazosentan After Aneurysmal Subarachnoid Hemorrhage: A Pilot Study. World Neurosurgery, 2019, 128, e639-e648.	1.3	9
43	Endovascular Biopsy of Vertebrobasilar Aneurysm in Patient With Polyarteritis Nodosa. Frontiers in Neurology, 2021, 12, 697105.	2.4	9
44	Initial clinical experience with near-infrared spectroscopy in assessing cerebral tissue oxygen saturation in cerebral vasospasm before and after intra-arterial verapamil injection. Journal of Clinical Neuroscience, 2016, 26, 63-69.	1.5	7
45	Onyx embolization of an intraosseous pseudoaneurysm of the middle meningeal artery in a patient with meningiomatosis, McCune-Albright syndrome, and gray platelet syndrome. Journal of Neurosurgery: Pediatrics, 2016, 17, 324-329.	1.3	7
46	Estimation of intra-arterial chemotherapy distribution to the retina in pediatric retinoblastoma patients using quantitative digital subtraction angiography. Interventional Neuroradiology, 2018, 24, 214-219.	1.1	6
47	Combined Use of X-ray Angiography and Intraprocedural MRI Enables Tissue-based Decision Making Regarding Revascularization during Acute Ischemic Stroke Intervention. Radiology, 2021, 299, 167-176.	7.3	6
48	Endovascular Thrombectomy for Acute Basilar Artery Occlusion: Latest Findings and Critical Thinking on Future Study Design. Translational Stroke Research, 2022, 13, 913-922.	4.2	6
49	Intrasaccular flow disruption (WEB) of a large wide-necked basilar apex aneurysm using PulseRider-assistance. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2021, 24, 101072.	0.3	4
50	Intra-Arterial MR Perfusion Imaging of Meningiomas: Comparison to Digital Subtraction Angiography and Intravenous MR Perfusion Imaging. PLoS ONE, 2016, 11, e0163554.	2.5	4
51	Endovascular Therapy for Intracranial Giant Cell Arteritis. Clinical Neuroradiology, 2022, , 1.	1.9	4
52	Computed tomography perfusion abnormalities after carotid endarterectomy help in the diagnosis of reversible cerebral vasoconstriction syndrome. Journal of Vascular Surgery Cases and Innovative Techniques, 2021, 7, 171-175.	0.6	3
53	Endovascular treatment strategy, technique, and outcomes for dural arteriovenous fistulas of the marginal sinus region. Journal of NeuroInterventional Surgery, 2022, 14, 155-159.	3.3	3
54	Robotics for neuroendovascular intervention: Background and primer. Neuroradiology Journal, 2022, 35, 25-35.	1.2	3

#	Article	IF	Citations
55	Interventional Neurovascular Treatment for Giant Aneurysms of the Posterior Circulation. Surgery for Cerebral Stroke, 1993, 21, 401-406.	0.0	3
56	Technical factors affecting outcomes following endovascular treatment of posterior circulation atherosclerotic lesions. , 2017, 8, 284.		3
57	Transluminal Angioplasty of the Extracranial Carotid Artery: Indications and Technique?A Multicenter Interventional Neuroradiologist's Perspective. Journal of Interventional Cardiology, 1996, 9, 233-244.	1.2	2
58	Monitoring cerebral tissue oxygen saturation at frontal and parietal regions during carotid artery stenting. Journal of Anesthesia, 2016, 30, 340-344.	1.7	2
59	The Geometry of Y-Stent Configurations Used for Wide-Necked Aneurysm Treatment: Analyzing Double-Barrel Stents InÂVitro Using Flat-Panel Computed Tomography. World Neurosurgery, 2021, 151, e363-e371.	1.3	2
60	Endovascular Management of Acute Carotid Artery Dissections. Surgery for Cerebral Stroke, 1993, 21, 407-411.	0.0	2
61	Transradial Approach for Thoracolumbar Spinal Angiography and Tumor Embolization: Feasibility and Technical Considerations. Neurointervention, 2022, 17, 100-105.	0.8	2
62	Editorial: Discipline and training. Journal of Neurosurgery, 2016, 124, 9-12.	1.6	1
63	Commentary: Access Through the Anatomical Snuffbox for Neuroendovascular Procedures: A Single Institution Series. Operative Neurosurgery, 2020, 19, E471-E472.	0.8	1
64	Intracranial stenting: which patients and when?. Cleveland Clinic Journal of Medicine, 2004, 71, S50-S50.	1.3	1
65	Reply:. American Journal of Neuroradiology, 2021, 42, E58-E59.	2.4	0
66	Endovascular Angioplasty and Stenting For Intracranial Atheroscleorosis.. Nosotchu, 2003, 25, 81-83.	0.1	0
67	Endovascular Angioplasty & Stenting for Intracranial Atherosclerosis. Nosotchu, 2003, 25, 353-355.	0.1	0
68	Endovascular Treatment of Giant Anterior Circulation Intracranial Aneurysms. Surgery for Cerebral Stroke, 1993, 21, 113-117.	0.0	0
69	Pharyngo-tympano-stapedial middle meningeal artery variant supply to a falcotentorial dural arteriovenous fistula. Journal of NeuroInterventional Surgery, 2022, , neurintsurg-2022-018817.	3.3	0