

Eytan Raz

List of Publications by Year in descending order

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Version: 2024-02-01

127
papers

3,789
citations

172457

29
h-index

149698

56
g-index

128
all docs

128
docs citations

128
times ranked

6367
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 and Stroke in a New York Healthcare System. <i>Stroke</i> , 2020, 51, 2002-2011.	2.0	554
2	COVID-19-associated Diffuse Leukoencephalopathy and Microhemorrhages. <i>Radiology</i> , 2020, 297, E223-E227.	7.3	226
3	Cerebral Venous Thrombosis Associated with COVID-19. <i>American Journal of Neuroradiology</i> , 2020, 41, 1370-1376.	2.4	198
4	Thrombectomy for Distal, Medium Vessel Occlusions. <i>Stroke</i> , 2020, 51, 2872-2884.	2.0	197
5	COVID-19 related neuroimaging findings: A signal of thromboembolic complications and a strong prognostic marker of poor patient outcome. <i>Journal of the Neurological Sciences</i> , 2020, 414, 116923.	0.6	146
6	Brain Imaging Use and Findings in COVID-19: A Single Academic Center Experience in the Epicenter of Disease in the United States. <i>American Journal of Neuroradiology</i> , 2020, 41, 1179-1183.	2.4	112
7	Global impact of COVID-19 on stroke care. <i>International Journal of Stroke</i> , 2021, 16, 573-584.	5.9	104
8	Imaging of the Carotid Artery Vulnerable Plaque. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 572-585.	2.0	102
9	Global Impact of COVID-19 on Stroke Care and IV Thrombolysis. <i>Neurology</i> , 2021, 96, e2824-e2838.	1.1	95
10	Assessing the Correlation between Grey and White Matter Damage with Motor and Cognitive Impairment in Multiple Sclerosis Patients. <i>PLoS ONE</i> , 2013, 8, e63250.	2.5	92
11	Multiple Sclerosis: Changes in Microarchitecture of White Matter Tracts after Training with a Video Game Balance Board. <i>Radiology</i> , 2014, 273, 529-538.	7.3	88
12	Thrombectomy for Primary Distal Posterior Cerebral Artery Occlusion Stroke. <i>JAMA Neurology</i> , 2021, 78, 434.	9.0	79
13	Multiple Sclerosis: White and Gray Matter Damage Associated with Balance Deficit Detected at Static Posturography. <i>Radiology</i> , 2013, 268, 181-189.	7.3	76
14	Clinically Isolated Syndrome Suggestive of Multiple Sclerosis: Voxelwise Regional Investigation of White and Gray Matter. <i>Radiology</i> , 2010, 254, 227-234.	7.3	74
15	Gray- and White-Matter Changes 1 Year after First Clinical Episode of Multiple Sclerosis: MR Imaging. <i>Radiology</i> , 2010, 257, 448-454.	7.3	74
16	Risk factors for intracerebral hemorrhage in patients with COVID-19. <i>Journal of Thrombosis and Thrombolysis</i> , 2021, 51, 953-960.	2.1	56
17	Flow Diversion for Intracranial Aneurysm Treatment: Trials Involving Flow Diverters and Long-Term Outcomes. <i>Neurosurgery</i> , 2020, 86, S36-S45.	1.1	55
18	Acute stroke care in a New York City comprehensive stroke center during the COVID-19 pandemic. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105068.	1.6	54

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19	Non-saccular vertebrobasilar aneurysms and dolichoectasia: a systematic literature review. Journal of NeuroInterventional Surgery, 2014, 6, 389-393.	3.3	51
20	Association between internal carotid artery dissection and arterial tortuosity. Neuroradiology, 2015, 57, 149-153.	2.2	47
21	Neuroanatomy of cranial dural vessels: implications for subdural hematoma embolization. Journal of NeuroInterventional Surgery, 2021, 13, 471-477.	3.3	47
22	Contrast-Enhanced Radial 3D Fat-Suppressed T1-Weighted Gradient-Recalled Echo Sequence Versus Conventional Fat-Suppressed Contrast-Enhanced T1-Weighted Studies of the Head and Neck. American Journal of Roentgenology, 2014, 203, 883-889.	2.2	46
23	Fungal Sinusitis. Neuroimaging Clinics of North America, 2015, 25, 569-576.	1.0	46
24	Acute Stroke Management During the COVID-19 Pandemic. Stroke, 2020, 51, 2593-2596.	2.0	46
25	Anticoagulation use and Hemorrhagic Stroke in SARS-CoV-2 Patients Treated at a New York Healthcare System. Neurocritical Care, 2021, 34, 748-759.	2.4	46
26	Letter: Thrombotic Neurovascular Disease in COVID-19 Patients. Neurosurgery, 2020, 87, E400-E406.	1.1	43
27	Cyst with a mural nodule tumor of the brain. Cancer Imaging, 2012, 12, 237-244.	2.8	41
28	MRI Findings in Lymphomatosis Cerebri: Description of a Case and Revision of the Literature. , 2011, 21, e183-e186.		38
29	Balance deficit with opened or closed eyes reveals involvement of different structures of the central nervous system in multiple sclerosis. Multiple Sclerosis Journal, 2014, 20, 81-90.	3.0	38
30	Treatment of distal anterior cerebral artery aneurysms with the Pipeline Embolization Device. Journal of Clinical Neuroscience, 2017, 35, 133-138.	1.5	37
31	Neuroanatomy of the middle cerebral artery: implications for thrombectomy. Journal of NeuroInterventional Surgery, 2020, 12, 768-773.	3.3	36
32	Decline in subarachnoid haemorrhage volumes associated with the first wave of the COVID-19 pandemic. Stroke and Vascular Neurology, 2021, 6, 542-552.	3.3	35
33	Lacunar stroke: mechanisms and therapeutic implications. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 823-830.	1.9	27
34	Evaluation of the orbit using contrast-enhanced radial 3D fat-suppressed T1-weighted gradient echo (Radial-VIBE) sequence. British Journal of Radiology, 2015, 88, 20140863.	2.2	25
35	State of the Art: Venous Causes of Pulsatile Tinnitus and Diagnostic Considerations Guiding Endovascular Therapy. Radiology, 2021, 300, 2-16.	7.3	23
36	Relationship between iron accumulation and white matter injury in multiple sclerosis: a case-control study. Journal of Neurology, 2015, 262, 402-409.	3.6	22

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37	Association Between the Volume of Carotid Artery Plaque and Its Subcomponents and the Volume of White Matter Lesions in Patients Selected for Endarterectomy. <i>American Journal of Roentgenology</i> , 2013, 201, W747-W752.	2.2	21
38	Semiautomated analysis of carotid artery wall thickness in MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1457-1467.	3.4	21
39	Aspiration Versus Stent Retriever Thrombectomy for Distal, Medium Vessel Occlusion Stroke in the Posterior Circulation: A Subanalysis of the TOPMOST Study. <i>Stroke</i> , 2022, 53, 2449-2457.	2.0	21
40	Relationship between leukoaraiosis, carotid intima-media thickness and intima-media thickness variability: Preliminary results. <i>European Radiology</i> , 2016, 26, 4423-4431.	4.5	20
41	Mechanical Thrombectomy of Distal Occlusions Using a Direct Aspiration First Pass Technique Compared with New Generation of Mini-0.017 Microcatheter Compatible Stent Retrievers: A Meta-Analysis. <i>World Neurosurgery</i> , 2020, 134, 111-119.	1.3	19
42	Diffusion-Weighted Imaging of the Liver: A Comprehensive Review. <i>Current Problems in Diagnostic Radiology</i> , 2013, 42, 77-83.	1.4	18
43	Parent vessel occlusion after Pipeline embolization of cerebral aneurysms of the anterior circulation. <i>Journal of Neurosurgery</i> , 2017, 127, 1333-1341.	1.6	18
44	Longitudinal assessment of carotid atherosclerosis after Radiation Therapy using Computed Tomography: A case control Study. <i>European Radiology</i> , 2016, 26, 72-78.	4.5	17
45	DynaCT Enhancement of Subdural Membranes After Middle Meningeal Artery Embolization: Insights into Pathophysiology. <i>World Neurosurgery</i> , 2020, 139, e265-e270.	1.3	17
46	Flow Diversion for Middle Cerebral Artery Aneurysms: An International Cohort Study. <i>Neurosurgery</i> , 2021, 89, 1112-1121.	1.1	16
47	Characteristics of a COVID-19 Cohort With Large Vessel Occlusion: A Multicenter International Study. <i>Neurosurgery</i> , 2022, 90, 725-733.	1.1	16
48	Is There an Association between Cerebral Microbleeds and Leukoaraiosis?. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 284-289.	1.6	15
49	Spinal artery aneurysms: clinical presentation, radiological findings and outcome. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 644-648.	3.3	15
50	Toward a Better Understanding of Dural Arteriovenous Fistula Angioarchitecture: Superselective Transvenous Embolization of a Sigmoid Common Arterial Collector. <i>American Journal of Neuroradiology</i> , 2018, 39, 1682-1688.	2.4	15
51	Correlation between Leukoaraiosis Volume and Circle of Willis Variants. <i>Journal of Neuroimaging</i> , 2015, 25, 226-231.	2.0	14
52	Radial Artery Access for Treatment of Posterior Circulation Aneurysms Using the Pipeline Embolization Device: Case Series. <i>Operative Neurosurgery</i> , 2019, 17, 340-347.	0.8	14
53	Dural Venous Channels: Hidden in Plain Sight Reassessment of an Under-Recognized Entity. <i>American Journal of Neuroradiology</i> , 2020, 41, 1434-1440.	2.4	14
54	Surprise Diagnosis of COVID-19 following Neuroimaging Evaluation for Unrelated Reasons during the Pandemic in Hot Spots. <i>American Journal of Neuroradiology</i> , 2020, 41, 1177-1178.	2.4	14

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55	Evidence of Impaired Brain Activity Balance after Passive Sensorimotor Stimulation in Multiple Sclerosis. PLoS ONE, 2013, 8, e65315.	2.5	14
56	MR and CT of Brain's Cava. Journal of Neuroimaging, 2013, 23, 326-335.	2.0	13
57	Longitudinal Study on Low-Dose Aspirin versus Placebo Administration in Silent Brain Infarcts: The Silence Study. Stroke Research and Treatment, 2018, 2018, 1-9.	0.8	13
58	Structural and Functional Imaging of the Retina in Central Retinal Artery Occlusion – Current Approaches and Future Directions. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105828.	1.6	13
59	Multi-modal CT scanning in the evaluation of cerebrovascular disease patients. Cardiovascular Diagnosis and Therapy, 2014, 4, 245-62.	1.7	13
60	Principles, techniques and applications of high resolution cone beam CT angiography in the neuroangio suite. Journal of NeuroInterventional Surgery, 2023, 15, 600-607.	3.3	12
61	Parotid Gland Atrophy in Patients with Chronic Trigeminal Nerve Denervation. American Journal of Neuroradiology, 2013, 34, 860-863.	2.4	11
62	Cerebral Peduncle Angle: An Objective Criterion for Assessing Progressive Supranuclear Palsy Richardson Syndrome. American Journal of Roentgenology, 2015, 205, 386-391.	2.2	11
63	Stroke Treatment Delay Limits Outcome After Mechanical Thrombectomy: Stratification by Arrival Time and ASPECTS. Journal of Neuroimaging, 2020, 30, 625-630.	2.0	11
64	Impaired cortical deactivation during hand movement in the relapsing phase of multiple sclerosis: a cross-sectional and longitudinal fMRI study. Multiple Sclerosis Journal, 2011, 17, 1177-1184.	3.0	10
65	Toward Better Understanding of Flow Diversion in Bifurcation Aneurysms. American Journal of Neuroradiology, 2018, 39, 2278-2283.	2.4	10
66	Radial Arterial Access for Thoracic Intraoperative Spinal Angiography in the Prone Position. World Neurosurgery, 2020, 137, e358-e365.	1.3	10
67	Dural venous system: angiographic technique and correlation with ex vivo investigations. Journal of NeuroInterventional Surgery, 2022, 14, 196-201.	3.3	10
68	Carotid artery dissection on non-contrast CT: Does color improve the diagnostic confidence?. European Journal of Radiology, 2014, 83, 2288-2293.	2.6	9
69	Vertebral Augmentation for Neoplastic Lesions with Posterior Wall Erosion and Epidural Mass. American Journal of Neuroradiology, 2015, 36, 210-218.	2.4	9
70	Thrombectomy for secondary distal, medium vessel occlusions of the posterior circulation: seeking complete reperfusion. Journal of NeuroInterventional Surgery, 2022, 14, 654-659.	3.3	9
71	Superficial Temporal Artery to Middle Cerebral Artery Cranial Bypass for Nonmoyamoya Steno-Occlusive Disease in Patients Who Failed Optimal Medical Treatment: A Case Series. Operative Neurosurgery, 2021, 20, 444-455.	0.8	9
72	Spinal neurovascular complications with anterior thoracolumbar spine surgery: a systematic review and review of thoracolumbar vascular anatomy. Neurosurgical Focus, 2020, 49, E9.	2.3	9

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73	Central Retinal Artery Visualization with Cone-Beam CT Angiography. <i>Radiology</i> , 2022, 302, 419-424.	7.3	9
74	Cerebral venous anatomy: implications for the neurointerventionalist. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 452-460.	3.3	9
75	Case 186: Dysembryoplastic Neuroepithelial Tumor. <i>Radiology</i> , 2012, 265, 317-320.	7.3	8
76	Differences in Plaque Morphology and Correlation of Stenosis at the Carotid Artery Bifurcation and the Carotid Siphon. <i>American Journal of Roentgenology</i> , 2013, 201, 1108-1114.	2.2	8
77	Periventricular Lesions Help Differentiate Neuromyelitis Optica Spectrum Disorders from Multiple Sclerosis. <i>Multiple Sclerosis International</i> , 2014, 2014, 1-5.	0.8	8
78	Infection risk in endovascular neurointerventions: a comparative analysis of 549 cases with and without prophylactic antibiotic use. <i>Journal of Neurosurgery</i> , 2020, 132, 797-801.	1.6	8
79	Possible Empirical Evidence of Glymphatic System on Computed Tomography After Endovascular Perforations. <i>World Neurosurgery</i> , 2020, 134, e400-e404.	1.3	8
80	Percutaneous transorbital direct puncture to obliterate a cavernous sinus dural arteriovenous fistula. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 1190-1190.	3.3	8
81	Neuroplastic Changes in the Brain: A Case of Two Successive Adaptive Changes Within the Motor Cortex. <i>Journal of Neuroimaging</i> , 2010, 20, 297-301.	2.0	7
82	MR Venography in Patients with Multiple Sclerosis and Correlation with Clinical and MRI Parameters. <i>Journal of Neuroimaging</i> , 2014, 24, 492-497.	2.0	7
83	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
84	Intra-arterial thrombolytic therapy for acute anterior spinal artery stroke. <i>Journal of Clinical Neuroscience</i> , 2021, 84, 102-105.	1.5	7
85	Safety of Antithrombotic Resumption in Chronic Subdural Hematoma Patients with Middle Meningeal Artery Embolization: A Case Control Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106318.	1.6	7
86	Mystery Case: Idiopathic bilateral stenosis of the foramina of Monro. <i>Neurology</i> , 2012, 79, e166-7.	1.1	6
87	Temporary stent scaffolding during aneurysm coiling. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 852-854.	1.5	6
88	Aortic Arch Variants: A Practical Guide to Safe and Timely Catheterization. <i>Interventional Neurology</i> , 2018, 7, 544-555.	1.8	6
89	Endovascular Reconstruction of Intracranial Aneurysms with the Pipeline Embolization Device in Pediatric Patients: A Single-Center Series. <i>Interventional Neurology</i> , 2019, 8, 101-108.	1.8	6
90	fMRI in Bell's Palsy: Cortical Activation is Associated with Clinical Status in the Acute and Recovery Phases. <i>Journal of Neuroimaging</i> , 2021, 31, 90-97.	2.0	6

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91	Early Experience with Comaneci, a Newly FDA-Approved Controllable Assist Device for Wide-Necked Intracranial Aneurysm Coiling. <i>Cerebrovascular Diseases</i> , 2021, 50, 464-471.	1.7	6
92	MRS SOFIA: a multicenter retrospective study for use of Sofia for revascularization of acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2020-017042.	3.3	6
93	Remodeling of the Posterior Cerebral Artery P1-Segment after Pipeline Flow Diverter Treatment of Posterior Communicating Artery Aneurysms. <i>Neurology International</i> , 2021, 13, 195-201.	2.8	5
94	Pipeline embolization of cerebral aneurysms in pediatric patients: combined systematic review of patient-level data and multicenter retrospective review. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 668-676.	1.3	5
95	Endovascular Treatment of Infective Endocarditis-Related Acute Large Vessel Occlusion Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105775.	1.6	5
96	Flow diversion and microvascular plug occlusion for the treatment of a complex unruptured basilar/superior cerebellar artery aneurysm: case report. <i>Journal of Neurosurgery</i> , 2019, 130, 1978-1983.	1.6	4
97	Angio-anatomical study of the pterygovaginal artery based on cone-beam computed tomography. <i>Neuroradiology</i> , 2021, 63, 1325-1333.	2.2	4
98	Arterial and Venous 3D Fusion AV-3D-DSA: A Novel Approach to Cerebrovascular Neuroimaging. <i>American Journal of Neuroradiology</i> , 2021, 42, 1282-1284.	2.4	4
99	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
100	Vessel wall imaging with advanced flow suppression in the characterization of intracranial aneurysms following flow diversion with Pipeline embolization device. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1264-1269.	3.3	4
101	Emergence of Venous Stenosis as the Dominant Cause of Pulsatile Tinnitus. , 2022, 2, .		4
102	Spinal dural fistula and anterior spinal artery supply from the same segmental artery: Case report of volumetric T2 MRI diagnosis and rational endovascular treatment. <i>Interventional Neuroradiology</i> , 2019, 25, 579-584.	1.1	3
103	Balloon-assisted tracking technique to overcome intracranial stenosis during thrombectomy for stroke. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, e1-e1.	3.3	3
104	Carotid intimal sarcoma causing stroke and intracranial metastasis via tumor embolization. <i>Neurology</i> , 2020, 94, e1122-e1125.	1.1	3
105	35 YEAR-OLD MAN WITH FALCINE TUMOR. <i>Brain Pathology</i> , 2010, 20, 987-988.	4.1	2
106	Balloon-assisted tracking technique to overcome intracranial stenosis during thrombectomy for stroke. <i>BMJ Case Reports</i> , 2018, 11, e014275.	0.5	2
107	Microsurgical Resection of a Spinal Cord Pial Arteriovenous Fistula: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E152-E152.	0.8	2
108	Large Subcortical Intracerebral Hemorrhage Because of Reversible Cerebral Vasoconstriction Syndrome. <i>Stroke</i> , 2020, 51, e305-e309.	2.0	2

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109	Pterygovaginal artery as a target of embolization before endoscopic skull base surgery. <i>Neuroradiology Journal</i> , 2021, 34, 676-682.	1.2	2
110	Radial spoiled gradient T1 weighted imaging of the internal auditory canal: Is Scarpa's ganglion now an expected finding and source of fundal enhancement?. <i>Neuroradiology Journal</i> , 2022, 35, 563-565.	1.2	2
111	Salvage Superficial Temporal Artery to Middle Cerebral Artery Direct Bypass Using an Interposition Craft for Failed Encephaloduroarteriosynangiosis in Moyamoya Disease. <i>World Neurosurgery</i> , 2022, 163, 60-66.	1.3	2
112	FMRI and Multiple Sclerosis. <i>Current Medical Imaging</i> , 2008, 4, 163-169.	0.8	1
113	Diffusion tensor imaging in multiple sclerosis: longitudinal changes. <i>Future Neurology</i> , 2011, 6, 335-338.	0.5	1
114	Use of Intraoperative Biplanar Fluoroscopy for Minimally Invasive Retrieval of a Broken Dental Needle. <i>Journal of Oral and Maxillofacial Surgery</i> , 2020, 78, 1922-1925.	1.2	1
115	In Reply: May Cooler Heads Prevail During a Pandemic: Stroke in COVID-19 Patients or COVID-19 in Stroke Patients?. <i>Neurosurgery</i> , 2020, 87, E691-E693.	1.1	1
116	Endovascular Treatment of Aneurysms Using Flow-Diversion Embolization: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 20, E284-E285.	0.8	1
117	New Focus on Endovascular Therapy for Ischemic Stroke. <i>Journal of Neuro-Ophthalmology</i> , 2021, 41, 170-175.	0.8	1
118	Cone-beam CT angiography to assess the microvascular anatomy of intracranial arterial dissections. <i>Neuroradiology Journal</i> , 2022, 35, 527-532.	1.2	1
119	Teaching Neuro Images: A slowly growing benign brain mass. <i>Neurology</i> , 2011, 77, e139.	1.1	0
120	Case 186. <i>Radiology</i> , 2012, 263, 927-928.	7.3	0
121	29 Year Old Man with New Onset Seizures. <i>Brain Pathology</i> , 2013, 23, 477-478.	4.1	0
122	Permanent Deployment of the Solitaire FR, Device in the Basilar Artery in an Acute Stroke Scenario. <i>Interventional Neurology</i> , 2018, 7, 6-11.	1.8	0
123	Beware of Multiphase CTA Interpretation. <i>American Journal of Neuroradiology</i> , 2018, 39, E45-E45.	2.4	0
124	Clinical Reasoning: A 63-year-old man with gastroenteritis progressing to stupor and quadriplegia. <i>Neurology</i> , 2020, 94, e1107-e1111.	1.1	0
125	Reply. <i>American Journal of Neuroradiology</i> , 2021, 42, E31-E32.	2.4	0
126	Intracranial vertebrobasilar arterial calcification as a predictor for ischemic stroke due to atherosclerotic disease. <i>Journal of the Neurological Sciences</i> , 2021, 429, 119636.	0.6	0

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127	Interventional neuroradiology in the time of plague: New York City, Spring 2020. <i>Interventional Neuroradiology</i> , 2021, 27, 55-56.	1.1	0