

Hediyeh Baradaran

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,854
citations

361413

20
h-index

265206

42
g-index

57
all docs

57
docs citations

57
times ranked

2754
citing authors

#	ARTICLE	IF	CITATIONS
1	Carotid Plaque MRI and Stroke Risk. <i>Stroke</i> , 2013, 44, 3071-3077.	2.0	429
2	MR perfusion-weighted imaging in the evaluation of high-grade gliomas after treatment: a systematic review and meta-analysis. <i>Neuro-Oncology</i> , 2017, 19, 118-127.	1.2	188
3	Plaque Echolucency and Stroke Risk in Asymptomatic Carotid Stenosis. <i>Stroke</i> , 2015, 46, 91-97.	2.0	174
4	Speckle reduction in medical ultrasound images using an unbiased non-local means method. <i>Biomedical Signal Processing and Control</i> , 2016, 28, 1-8.	5.7	86
5	Magnetic Resonance Angiography Detection of Abnormal Carotid Artery Plaque in Patients With Cryptogenic Stroke. <i>Journal of the American Heart Association</i> , 2015, 4, e002012.	3.7	79
6	Gadolinium Enhancement in Intracranial Atherosclerotic Plaque and Ischemic Stroke: A Systematic Review and Meta-Analysis. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	78
7	Association between Carotid Plaque Features on CTA and Cerebrovascular Ischemia: A Systematic Review and Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2017, 38, 2321-2326.	2.4	61
8	Neutrophilâ€“Lymphocyte Ratio and Perihematomal Edema Growth in Intracerebral Hemorrhage. <i>Stroke</i> , 2017, 48, 2589-2592.	2.0	58
9	Evaluation of Computed Tomography Angiography Plaque Thickness Measurements in High-Grade Carotid Artery Stenosis. <i>Stroke</i> , 2014, 45, 740-745.	2.0	51
10	Reclassification of Ischemic Stroke Etiological Subtypes on the Basis of High-Risk Nonstenosing Carotid Plaque. <i>Stroke</i> , 2020, 51, 504-510.	2.0	44
11	Association Between Nonstenosing Carotid Artery Plaque on MR Angiography and Acute Ischemic Stroke. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 1228-1229.	5.3	42
12	The Association between Carotid Artery Atherosclerosis and Silent Brain Infarction: A Systematic Review and Meta-analysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 1594-1601.	1.6	42
13	Silent Brain Infarction in Patients With Asymptomatic Carotid Artery Atherosclerotic Disease. <i>Stroke</i> , 2016, 47, 1368-1370.	2.0	37
14	Association Between Carotid Artery Perivascular Fat Density and Cerebrovascular Ischemic Events. <i>Journal of the American Heart Association</i> , 2018, 7, e010383.	3.7	33
15	Carotid Vessel Wall Imaging on CTA. <i>American Journal of Neuroradiology</i> , 2020, 41, 380-386.	2.4	30
16	Detection of Symptomatic Carotid Plaque Using Source Data from MR and CT Angiography: A Correlative Study. <i>Cerebrovascular Diseases</i> , 2015, 39, 151-161.	1.7	28
17	Direct Invasion of the Optic Nerves, Chiasm, and Tracts by <i>Cryptococcus neoformans</i> in an Immunocompetent Host. <i>Neurohospitalist</i> , The, 2015, 5, 217-222.	0.8	25
18	Carotid Plaque Positron Emission Tomography Imaging and Cerebral Ischemic Disease. <i>Stroke</i> , 2019, 50, 2072-2079.	2.0	24

#	ARTICLE	IF	CITATIONS
19	Cryptogenic Stroke and Nonstenosing Intracranial Calcified Atherosclerosis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 863-870.	1.6	23
20	Quantifying Intracranial Internal Carotid Artery Stenosis on MR Angiography. <i>American Journal of Neuroradiology</i> , 2017, 38, 986-990.	2.4	22
21	Magnetic resonance spectroscopy abnormalities in traumatic brain injury: A meta-analysis. <i>Journal of Neuroradiology</i> , 2018, 45, 123-129.	1.1	21
22	Management of Patients with Asymptomatic Carotid Stenosis May Need to Be Individualized: A Multidisciplinary Call for Action. <i>Journal of Stroke</i> , 2021, 23, 202-212.	3.2	21
23	White Matter Diffusion Abnormalities in Carotid Artery Disease: A Systematic Review and Meta-Analysis. <i>Journal of Neuroimaging</i> , 2016, 26, 481-488.	2.0	20
24	Application of Blood-Brain Barrier Permeability Imaging in Global Cerebral Edema. <i>American Journal of Neuroradiology</i> , 2016, 37, 1599-1603.	2.4	18
25	Associations Between Features of Nonstenosing Carotid Plaque on Computed Tomographic Angiography and Ischemic Stroke Subtypes. <i>Journal of the American Heart Association</i> , 2019, 8, e014818.	3.7	17
26	Can Reaction Mechanisms Be Proven?. <i>Journal of Chemical Education</i> , 2009, 86, 551.	2.3	16
27	Optimal Carotid Plaque Features on Computed Tomography Angiography Associated With Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2021, 10, e019462.	3.7	15
28	Extracranial internal carotid artery calcium volume measurement using computer tomography. <i>International Angiology</i> , 2017, 36, 445-461.	0.9	14
29	The progression of carotid atherosclerosis and imaging markers of dementia. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12015.	3.7	14
30	Optimal Management of Asymptomatic Carotid Stenosis in 2021: The Jury is Still Out. An International, Multispecialty, Expert Review and Position Statement. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106182.	1.6	14
31	Evaluating Permeability Surface-Area Product as a Measure of Blood-Brain Barrier Permeability in a Murine Model. <i>American Journal of Neuroradiology</i> , 2016, 37, 1267-1274.	2.4	12
32	Association between Intracranial Atherosclerotic Calcium Burden and Angiographic Luminal Stenosis Measurements. <i>American Journal of Neuroradiology</i> , 2017, 38, 1723-1729.	2.4	12
33	WALL SHEAR STRESS AND OSCILLATORY SHEAR INDEX DISTRIBUTION IN CAROTID ARTERY WITH VARYING DEGREE OF STENOSIS: A HEMODYNAMIC STUDY. <i>Journal of Mechanics in Medicine and Biology</i> , 2017, 17, 1750037.	0.7	12
34	Angiographic Blush after Mechanical Thrombectomy is Associated with Hemorrhagic Transformation of Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 3124-3130.	1.6	12
35	Brain imaging biomarkers of carotid artery disease. <i>Annals of Translational Medicine</i> , 2020, 8, 1277-1277.	1.7	12
36	Carotid artery plaque characteristics: current reporting practices on CT angiography. <i>Neuroradiology</i> , 2021, 63, 1013-1018.	2.2	7

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37	Associations between the size and location of myocardial infarction and cerebral infarction. Journal of the Neurological Sciences, 2020, 419, 117182.	0.6	7
38	Extracranial Vascular Disease. Neuroimaging Clinics of North America, 2021, 31, 157-166.	1.0	7
39	Carotid Artery Stiffness: Imaging Techniques and Impact on Cerebrovascular Disease. Frontiers in Cardiovascular Medicine, 2022, 9, 852173.	2.4	7
40	Cost Effectiveness of Assessing Ultrasound Plaque Characteristics to Risk Stratify Asymptomatic Patients With Carotid Stenosis. Journal of the American Heart Association, 2019, 8, e012739.	3.7	6
41	Teaching Neuro Images : Acute crossed cerebellar diaschisis. Neurology, 2016, 86, e154-e155.	1.1	5
42	Using Ultrasound and Inflammation to Improve Prediction of Ischemic Stroke: A Secondary Analysis of the Multi-Ethnic Study of Atherosclerosis. Cerebrovascular Diseases Extra, 2021, 11, 37-43.	1.5	5
43	Management of patients with asymptomatic carotid stenosis may need to be individualized: a multidisciplinary call for action. Republication of J Stroke 2021;23:202-212. International Angiology, 2021, 40, 487-496.	0.9	5
44	Rabbit models of intracranial atherosclerotic disease for pathological validation of vessel wall MRI. Neuroradiology Journal, 2021, 34, 193-199.	1.2	4
45	Asymptomatic Carotid Disease and Cognitive Impairment: What Is the Evidence?. Frontiers in Neurology, 2021, 12, 741500.	2.4	4
46	Differentiation of symptomatic and asymptomatic carotid intraplaque hemorrhage using 3D high-resolution diffusion-weighted stack of stars imaging. NMR in Biomedicine, 2021, 34, e4582.	2.8	3
47	Regarding "Computer-Extracted Texture Features to Distinguish Cerebral Radionecrosis from Recurrent Brain Tumors on Multiparametric MRI: A Feasibility Study" American Journal of Neuroradiology, 2017, 38, E18-E19.	2.4	2
48	MR Perfusion in the Evaluation of Mechanical Thrombectomy Candidacy. Topics in Magnetic Resonance Imaging, 2021, 30, 197-204.	1.2	2
49	The burden of carotid-related strokes. Annals of Translational Medicine, 2022, 10, 159-159.	1.7	2
50	Clinical Reasoning: An unusual case of subacute encephalopathy. Neurology, 2015, 84, e33-7.	1.1	1
51	Effect of Clinical History on Interpretation of Computed Tomography for Acute Stroke. Neurohospitalist, The, 2019, 9, 140-143.	0.8	1
52	Carotid Compliance and Parahippocampal and Hippocampal Volume over a 20-Year Period. Dementia and Geriatric Cognitive Disorders Extra, 2021, 11, 227-234.	1.3	1
53	Optimal management of asymptomatic carotid stenosis in 2021: the jury is still out. An international, multispecialty, expert review and position statement. International Angiology, 2022, 41, .	0.9	1
54	ASSOCIATION BETWEEN UNRECOGNIZED MYOCARDIAL INFARCTION AND CEREBRAL INFARCTION. Journal of the American College of Cardiology, 2019, 73, 181.	2.8	0

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55	Abstract TP108: Association Between Intracranial Atherosclerotic Calcium Burden and Angiographic Luminal Stenosis Measurements. <i>Stroke</i> , 2017, 48, .	2.0	0
56	Abstract TP191: Association Between Myocardial Infarction and Brain Infarction on Magnetic Resonance Imaging. <i>Stroke</i> , 2018, 49, .	2.0	0
57	Optimal Management of Asymptomatic Carotid Stenosis: Counterbalancing the Benefits with the Potential Risks. <i>Journal of Stroke</i> , 2022, 24, 163-165.	3.2	0