Hediyeh Baradaran

List of Publications by Year
in descending order

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	Optimal Management of Asymptomatic Carotid Stenosis in 2021: The Jury is Still Out. An International, Multispecialty, Expert Review and Position Statement. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106182.	1.6	14
2	The burden of carotid-related strokes. Annals of Translational Medicine, 2022, 10, 159-159.	1.7	2
3	Optimal Management of Asymptomatic Carotid Stenosis: Counterbalancing the Benefits with the Potential Risks. Journal of Stroke, 2022, 24, 163-165.	3.2	0
4	Carotid Artery Stiffness: Imaging Techniques and Impact on Cerebrovascular Disease. Frontiers in Cardiovascular Medicine, 2022, 9, 852173.	2.4	7
5	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
6	Carotid artery plaque characteristics: current reporting practices on CT angiography. Neuroradiology, 2021, 63, 1013-1018.	2.2	7
7	Rabbit models of intracranial atherosclerotic disease for pathological validation of vessel wall MRI. Neuroradiology Journal, 2021, 34, 193-199.	1.2	4
8	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
9	Optimal Carotid Plaque Features on Computed Tomography Angiography Associated With Ischemic Stroke. Journal of the American Heart Association, 2021, 10, e019462.	3.7	15
10	Extracranial Vascular Disease. Neuroimaging Clinics of North America, 2021, 31, 157-166.	1.0	7
11	Management of Patients with Asymptomatic Carotid Stenosis May Need to Be Individualized: A Multidisciplinary Call for Action. Journal of Stroke, 2021, 23, 202-212.	3.2	21
12	Differentiation of symptomatic and asymptomatic carotid intraplaque hemorrhage using 3D highâ€resolution diffusionâ€weighted stack of stars imaging. NMR in Biomedicine, 2021, 34, e4582.	2.8	3
13	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
14	MR Perfusion in the Evaluation of Mechanical Thrombectomy Candidacy. Topics in Magnetic Resonance Imaging, 2021, 30, 197-204.	1.2	2
15	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
16	Asymptomatic Carotid Disease and Cognitive Impairment: What Is the Evidence?. Frontiers in Neurology, 2021, 12, 741500.	2.4	4
17	Reclassification of Ischemic Stroke Etiological Subtypes on the Basis of High-Risk Nonstenosing Carotid Plaque. Stroke, 2020, 51, 504-510.	2.0	44
18	Brain imaging biomarkers of carotid artery disease. Annals of Translational Medicine, 2020, 8, 1277-1277.	1.7	12

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19	Associations between the size and location of myocardial infarction and cerebral infarction. Journal of the Neurological Sciences, 2020, 419, 117182.	0.6	7
20	Carotid Vessel Wall Imaging on CTA. American Journal of Neuroradiology, 2020, 41, 380-386.	2.4	30
21	The progression of carotid atherosclerosis and imaging markers of dementia. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2020, 6, e12015.	3.7	14
22	ASSOCIATION BETWEEN UNRECOGNIZED MYOCARDIAL INFARCTION AND CEREBRAL INFARCTION. Journal of the American College of Cardiology, 2019, 73, 181.	2.8	0
23	Carotid Plaque Positron Emission Tomography Imaging and Cerebral Ischemic Disease. Stroke, 2019, 50, 2072-2079.	2.0	24
24	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
25	Effect of Clinical History on Interpretation of Computed Tomography for Acute Stroke. Neurohospitalist, The, 2019, 9, 140-143.	0.8	1
26	Associations Between Features of Nonstenosing Carotid Plaque on Computed Tomographic Angiography and Ischemic Stroke Subtypes. Journal of the American Heart Association, 2019, 8, e014818.	3.7	17
27	Magnetic resonance spectroscopy abnormalities in traumatic brain injury: A meta-analysis. Journal of Neuroradiology, 2018, 45, 123-129.	1.1	21
28	Association Between Carotid Artery Perivascular Fat Density and Cerebrovascular Ischemic Events. Journal of the American Heart Association, 2018, 7, e010383.	3.7	33
29	Angiographic Blush after Mechanical Thrombectomy is Associated with Hemorrhagic Transformation of Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 3124-3130.	1.6	12
30	Abstract TP191: Association Between Myocardial Infarction and Brain Infarction on Magnetic Resonance Imaging. Stroke, 2018, 49, .	2.0	0
31	Cryptogenic Stroke and Nonstenosing Intracranial Calcified Atherosclerosis. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 863-870.	1.6	23
32	Regarding â€œComputer-Extracted Texture Features to Distinguish Cerebral Radionecrosis from Recurrent Brain Tumors on Multiparametric MRI: A Feasibility Studyâ€• American Journal of Neuroradiology, 2017, 38, E18-E19.	2.4	2
33	Quantifying Intracranial Internal Carotid Artery Stenosis on MR Angiography. American Journal of Neuroradiology, 2017, 38, 986-990.	2.4	22
34	The Association between Carotid Artery Atherosclerosis and Silent Brain Infarction: A Systematic Review and Meta-analysis. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 1594-1601.	1.6	42
35	Association between Carotid Plaque Features on CTA and Cerebrovascular Ischemia: A Systematic Review and Meta-Analysis. American Journal of Neuroradiology, 2017, 38, 2321-2326.	2.4	61
36	Association between Intracranial Atherosclerotic Calcium Burden and Angiographic Luminal Stenosis Measurements. American Journal of Neuroradiology, 2017, 38, 1723-1729.	2.4	12

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37	Neutrophilâ€“Lymphocyte Ratio and Perihematomal Edema Growth in Intracerebral Hemorrhage. Stroke, 2017, 48, 2589-2592.	2.0	58
38	WALL SHEAR STRESS AND OSCILLATORY SHEAR INDEX DISTRIBUTION IN CAROTID ARTERY WITH VARYING DEGREE OF STENOSIS: A HEMODYNAMIC STUDY. Journal of Mechanics in Medicine and Biology, 2017, 17, 1750037.	0.7	12
39	MR perfusion-weighted imaging in the evaluation of high-grade gliomas after treatment: a systematic review and meta-analysis. Neuro-Oncology, 2017, 19, 118-127.	1.2	188
40	Extracranial internal carotid artery calcium volume measurement using computer tomography. International Angiology, 2017, 36, 445-461.	0.9	14
41	Abstract TP108: Association Between Intracranial Atherosclerotic Calcium Burden and Angiographic Luminal Stenosis Measurements. Stroke, 2017, 48, .	2.0	0
42	Evaluating Permeability Surface-Area Product as a Measure of Blood-Brain Barrier Permeability in a Murine Model. American Journal of Neuroradiology, 2016, 37, 1267-1274.	2.4	12
43	Teaching Neuro Images : Acute crossed cerebellar diaschisis. Neurology, 2016, 86, e154-e155.	1.1	5
44	Speckle reduction in medical ultrasound images using an unbiased non-local means method. Biomedical Signal Processing and Control, 2016, 28, 1-8.	5.7	86
45	Silent Brain Infarction in Patients With Asymptomatic Carotid Artery Atherosclerotic Disease. Stroke, 2016, 47, 1368-1370.	2.0	37
46	Gadolinium Enhancement in Intracranial Atherosclerotic Plaque and Ischemic Stroke: A Systematic Review and Metaâ€Analysis. Journal of the American Heart Association, 2016, 5, .	3.7	78
47	Application of Blood-Brain Barrier Permeability Imaging in Global Cerebral Edema. American Journal of Neuroradiology, 2016, 37, 1599-1603.	2.4	18
48	White Matter Diffusion Abnormalities in Carotid Artery Disease: A Systematic Review and Metaâ€Analysis. Journal of Neuroimaging, 2016, 26, 481-488.	2.0	20
49	Association Between Nonstenosing Carotid Artery Plaque on MR Angiography and Acute Ischemic Stroke. JACC: Cardiovascular Imaging, 2016, 9, 1228-1229.	5.3	42
50	Magnetic Resonance Angiography Detection of Abnormal Carotid Artery Plaque in Patients With Cryptogenic Stroke. Journal of the American Heart Association, 2015, 4, e002012.	3.7	79
51	Clinical Reasoning: An unusual case of subacute encephalopathy. Neurology, 2015, 84, e33-7.	1.1	1
52	Detection of Symptomatic Carotid Plaque Using Source Data from MR and CT Angiography: A Correlative Study. Cerebrovascular Diseases, 2015, 39, 151-161.	1.7	28
53	Direct Invasion of the Optic Nerves, Chiasm, and Tracts by Cryptococcus neoformans in an Immunocompetent Host. Neurohospitalist, The, 2015, 5, 217-222.	0.8	25
54	Plaque Echolucency and Stroke Risk in Asymptomatic Carotid Stenosis. Stroke, 2015, 46, 91-97.	2.0	174

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55	Evaluation of Computed Tomography Angiography Plaque Thickness Measurements in High-Grade Carotid Artery Stenosis. Stroke, 2014, 45, 740-745.	2.0	51
56	Carotid Plaque MRI and Stroke Risk. Stroke, 2013, 44, 3071-3077.	2.0	429
57	Can Reaction Mechanisms Be Proven?. Journal of Chemical Education, 2009, 86, 551.	2.3	16