

Assessment of vascular stiffness in the internal carotid canal in Alzheimer's disease using pulse wave velocity flow MRI

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Vasculo-Neuronal Coupling and Neurovascular Coupling at the Neurovascular Unit: Impact of Hypertension. <i>Frontiers in Physiology</i> , 2020, 11, 584135.	1.3	46
2	Utilisation of advanced MRI techniques to understand neurovascular complications of PHACE syndrome: a case of arterial stenosis and dissection. <i>BMJ Case Reports</i> , 2020, 13, e235992.	0.2	5
3	Current understanding of intimal hyperplasia and effect of compliance in synthetic small diameter vascular grafts. <i>Biomaterials Science</i> , 2020, 8, 4383-4395.	2.6	47
4	Cerebral arterial pulsatility is linked to hippocampal microvascular function and episodic memory in healthy older adults. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1778-1790.	2.4	26
5	Inflammation, Nitro-Oxidative Stress, Impaired Autophagy, and Insulin Resistance as a Mechanistic Convergence Between Arterial Stiffness and Alzheimer's Disease. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 651215.	1.6	16
6	Assessing cerebral arterial pulse wave velocity using 4D flow MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2769-2777.	2.4	16
7	Association of Aortic Stiffness With Biomarkers of Neuroinflammation, Synaptic Dysfunction, and Neurodegeneration. <i>Neurology</i> , 2021, 97, e329-e340.	1.5	24
8	Evidence of cerebral hemodynamic dysregulation in middle-aged APOE ϵ 4 carriers: The PREVENT-Dementia study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2844-2855.	2.4	21
9	Novel Technique to Measure Pulse Wave Velocity in Brain Vessels Using a Fast Simultaneous Multi-Slice Excitation Magnetic Resonance Sequence. <i>Sensors</i> , 2021, 21, 6352.	2.1	2
10	Intracranial vascular flow oscillations in Alzheimer's disease from 4D flow MRI. <i>NeuroImage: Clinical</i> , 2020, 28, 102379.	1.4	14
11	4D flow MRI hemodynamic biomarkers for cerebrovascular diseases. <i>Journal of Internal Medicine</i> , 2022, 291, 115-127.	2.7	16
12	Cerebrovascular stiffness and flow dynamics in the presence of amyloid and tau biomarkers. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12253.	1.2	4
13	At a Glance: An Update on Neuroimaging and Retinal Imaging in Alzheimer's Disease and Related Research. <i>Journal of Prevention of Alzheimer's Disease</i> , The, 2022, 9, 1-10.	1.5	1
14	5-Year Associations among Cerebral Arterial Pulsatility, Perivascular Space Dilation, and White Matter Lesions. <i>Annals of Neurology</i> , 2022, 92, 871-881.	2.8	12
15	Cerebral metabolic rate of oxygen (CMRO ₂) changes measured with simultaneous tDCS-MRI in healthy adults. <i>Brain Research</i> , 2022, 1796, 148097.	1.1	4
16	Accelerated 4D flow MRI with 3-point encoding enabled by machine learning. <i>Magnetic Resonance in Medicine</i> , 2023, 89, 800-811.	1.9	4
17	Motion-corrected 4D-Flow MRI for neurovascular applications. <i>NeuroImage</i> , 2022, 264, 119711.	2.1	3
18	Risk Factors for Cerebrovascular Events in Moyamoya Angiopathy Using 4D Flow MRI: A Pilot Study. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 58, 61-68.	1.9	1

#	ARTICLE	IF	CITATIONS
19	Vascular contributions to Alzheimer's disease. Translational Research, 2023, 254, 41-53.	2.2	26
20	Normative Cerebral Hemodynamics in Middle-aged and Older Adults Using 4D Flow MRI: Initial Analysis of Vascular Aging. Radiology, 2023, 307, .	3.6	10
21	Comprehensive Atlases of Intracranial Blood Flow Rates: A Hard Nut Finally Cracks?. Radiology, 0, , .	3.6	1