

Changes in intracranial venous blood flow and pulsatility flow MRI study

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Abnormalities of Cerebral Deep Medullary Veins on 7 Tesla MRI in Amnesic Mild Cognitive Impairment and Early Alzheimer's Disease: A Pilot Study. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 705-710.	1.2	38
2	Intracranial Arterial 4D Flow in Individuals with Mild Cognitive Impairment is Associated with Cognitive Performance and Amyloid Positivity. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 243-252.	1.2	15
3	Comparison of ferumoxytol-based cerebral blood volume estimates using quantitative R_2^* and relaxometry. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 3072-3081.	1.9	7
4	Does pathology of small venules contribute to cerebral microinfarcts and dementia?. <i>Journal of Neurochemistry</i> , 2018, 144, 517-526.	2.1	44
5	Carotid Flow Augmentation, Arterial Aging, and Cerebral White Matter Hyperintensities. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2843-2853.	1.1	31
6	The association of sleep-disordered breathing and white matter hyperintensities in heart failure patients. <i>Metabolic Brain Disease</i> , 2018, 33, 2019-2029.	1.4	3
7	Multimodal brain imaging investigation of self-reported sleep quality and daytime sleepiness in older adults with heart failure. <i>International Journal of Neuroscience</i> , 2018, 128, 1044-1051.	0.8	1
8	Sleep-disordered breathing, brain volume, and cognition in older individuals with heart failure. <i>Brain and Behavior</i> , 2018, 8, e01029.	1.0	9
9	Age-Related Reductions in Cerebrovascular Reactivity Using 4D Flow MRI. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 281.	1.7	46
10	Vascular Dysfunction in Alzheimer's Disease: A Prelude to the Pathological Process or a Consequence of It?. <i>Journal of Clinical Medicine</i> , 2019, 8, 651.	1.0	131
11	Assessing test-retest reliability of phase contrast MRI for measuring cerebrospinal fluid and cerebral blood flow dynamics. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 658-670.	1.9	30
12	Test-retest multisite reproducibility of neurovascular 4D flow MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1543-1552.	1.9	27
13	Small vessel disease is associated with altered cerebrovascular pulsatility but not resting cerebral blood flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 85-99.	2.4	77
14	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
15	New Insights in Addressing Cerebral Small Vessel Disease: Association With the Deep Medullary Veins. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 597799.	1.7	18
16	Most Small Cerebral Cortical Veins Demonstrate Significant Flow Pulsatility: A Human Phase Contrast MRI Study at 7T. <i>Frontiers in Neuroscience</i> , 2020, 14, 415.	1.4	9
17	Potential Role of Venular Amyloid in Alzheimer's Disease Pathogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1985.	1.8	28
18	Sorting Out the Role of the Sortilin-Related Receptor 1 in Alzheimer's Disease. <i>Journal of Alzheimer's Disease Reports</i> , 2020, 4, 123-140.	1.2	22

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19	Assessment of vascular stiffness in the internal carotid artery proximal to the carotid canal in Alzheimer's disease using pulse wave velocity from low rank reconstructed 4D flow MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 298-311.	2.4	34
20	Cerebroarterial pulsatility and resistivity indices are associated with cognitive impairment and white matter hyperintensity in elderly subjects: A phase-contrast MRI study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 670-683.	2.4	14
21	4D flow MRI for non-invasive measurement of blood flow in the brain: A systematic review. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 206-218.	2.4	25
23	Vertebral artery hypoplasia influences age-related differences in blood flow of the large intracranial arteries. <i>Aging Brain</i> , 2021, 1, 100019.	0.7	2
24	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
25	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
26	Associations of increased interstitial fluid with vascular and neurodegenerative abnormalities in a memory clinic sample. <i>Neurobiology of Aging</i> , 2021, 106, 257-267.	1.5	12
27	Intracranial vascular flow oscillations in Alzheimer's disease from 4D flow MRI. <i>NeuroImage: Clinical</i> , 2020, 28, 102379.	1.4	14
30	Simultaneous 3D-TOF angiography and 4D-flow MRI with enhanced flow signal using multiple overlapping thin slab acquisition and magnetization transfer. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1401-1417.	1.9	5
31	Cardiorespiratory Fitness Associates with Cerebral Vessel Pulsatility in a Cohort Enriched with Risk for Alzheimer's Disease. <i>Brain Plasticity</i> , 2020, 5, 175-184.	1.9	3
32	Neuroimaging patterns of chronic cerebrovascular insufficiency with evaluation of cerebral perfusion depending on the level of cognitive disorders. <i>Medical Visualization</i> , 2020, 24, 114-122.	0.1	1
33	Calculated Parameters for Assessing the Interaction of Fluids in the Central Nervous System According to Radiation Introscopy (Part I). <i>Vestnik Rentgenologii I Radiologii</i> , 2020, 101, 244-252.	0.1	1
34	4D flow MRI hemodynamic biomarkers for cerebrovascular diseases. <i>Journal of Internal Medicine</i> , 2022, 291, 115-127.	2.7	16
35	Physiology and Clinical Relevance of Enlarged Perivascular Spaces in the Aging Brain. <i>Neurology</i> , 2022, 98, 107-117.	1.5	30
36	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
37	Editorial for "Does the Internal Carotid Artery Attenuate Blood Flow Pulsatility in Small Vessel Disease? A 7T 4D-Flow MRI Study". <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 536-537.	1.9	0
38	The Impact of Aging on the Association Between Aortic Stiffness and Cerebral Pulsatility Index. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 821151.	1.1	14
39	Editorial for "Intracranial Blood Flow Quantification by Accelerated Dual-Phase 4D-Flow MRI: Comparison With Transcranial Doppler Ultrasound". <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 1265-1266.	1.9	0

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41	An Enlarged Perivascular Space: Clinical Relevance and the Role of Imaging in Aging and Neurologic Disorders. <i>Journal of the Korean Society of Radiology</i> , 2022, 83, 538.	0.1	3
42	Dementia Prevention Research Clinic: a longitudinal study investigating factors influencing the development of Alzheimer's disease in Aotearoa, New Zealand. <i>Journal of the Royal Society of New Zealand</i> , 0, , 1-22.	1.0	2
43	Anatomy imaging and hemodynamics research on the cerebral vein and venous sinus among individuals without cranial sinus and jugular vein diseases. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
44	Enlarged perivascular space burden associations with arterial stiffness and cognition. <i>Neurobiology of Aging</i> , 2023, 124, 85-97.	1.5	9
45	Spontaneous Echo Contrast in the Left Atrium and Aortic-Arch Atheroma, Detected by Transesophageal Echocardiography, Was Negatively Correlated with Cognitive Function. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-9.	1.2	0
46	Automated hemodynamic assessment for cranial 4D flow MRI. <i>Magnetic Resonance Imaging</i> , 2023, 97, 46-55.	1.0	6
48	Normative Cerebral Hemodynamics in Middle-aged and Older Adults Using 4D Flow MRI: Initial Analysis of Vascular Aging. <i>Radiology</i> , 2023, 307, .	3.6	10
49	Assessment of disorders of hemodynamics and csf dynamics in idiopathic intracranial hypertension syndrome according to MRI data. <i>Complex Issues of Cardiovascular Diseases</i> , 2023, 12, 84-93.	0.3	0
55	Physiological brain pulsations. , 2023, , 131-153.		0
61	Cerebrovascular Function in Aging. <i>Masterclass in Neuroendocrinology</i> , 2023, , 137-171.	0.1	1
62	Computational Fluid Dynamics of Stent-Mounted Neural Interfaces in an Idealized Cerebral Venous Sinus [*] , 2023, , .		0