

Changes in intracranial venous blood flow and pulsatility during intravenous flow MRI study

Journal of Cerebral Blood Flow and Metabolism
37, 2149-2158

DOI: 10.1177/0271678x16661340

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. | 2.6 | 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. | 2.6 | 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. | 3.0 | 7 |
| 4 | Does pathology of small venules contribute to cerebral microinfarcts and dementia?. <i>Journal of Neurochemistry</i> , 2018, 144, 517-526. | 3.9 | 44 |
| 5 | Carotid Flow Augmentation, Arterial Aging, and Cerebral White Matter Hyperintensities. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2843-2853. | 2.4 | 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. | 2.9 | 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. | 1.6 | 1 |
| 8 | Sleep-disordered breathing, brain volume, and cognition in older individuals with heart failure. <i>Brain and Behavior</i> , 2018, 8, e01029. | 2.2 | 9 |
| 9 | Age-Related Reductions in Cerebrovascular Reactivity Using 4D Flow MRI. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 281. | 3.4 | 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. | 2.4 | 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. | 3.0 | 30 |
| 12 | Test-retest multisite reproducibility of neurovascular 4D flow MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1543-1552. | 3.4 | 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. | 4.3 | 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. | 0.5 | 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. | 3.4 | 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. | 2.8 | 9 |
| 17 | Potential Role of Venular Amyloid in Alzheimer's Disease Pathogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1985. | 4.1 | 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. | 2.2 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 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. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 298-311. | 4.3 | 34 |
| 20 | Cerebroarterial pulsatility and resistivity indices are associated with cognitive impairment and white matter hyperintensity in elderly subjects: A phase-contrast MRI study. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 670-683. | 4.3 | 14 |
| 21 | 4D flow MRI for non-invasive measurement of blood flow in the brain: A systematic review. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 206-218. | 4.3 | 25 |
| 23 | Vertebral artery hypoplasia influences age-related differences in blood flow of the large intracranial arteries. Aging Brain, 2021, 1, 100019. | 1.3 | 2 |
| 24 | Cerebral arterial pulsatility is linked to hippocampal microvascular function and episodic memory in healthy older adults. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1778-1790. | 4.3 | 26 |
| 25 | Novel Technique to Measure Pulse Wave Velocity in Brain Vessels Using a Fast Simultaneous Multi-Slice Excitation Magnetic Resonance Sequence. Sensors, 2021, 21, 6352. | 3.8 | 2 |
| 26 | Associations of increased interstitial fluid with vascular and neurodegenerative abnormalities in a memory clinic sample. Neurobiology of Aging, 2021, 106, 257-267. | 3.1 | 12 |
| 27 | Intracranial vascular flow oscillations in Alzheimer's disease from 4D flow MRI. NeuroImage: Clinical, 2020, 28, 102379. | 2.7 | 14 |
| 30 | Simultaneous 3D-CTOF angiography and 4D-flow MRI with enhanced flow signal using multiple overlapping thin slab acquisition and magnetization transfer. Magnetic Resonance in Medicine, 2022, 87, 1401-1417. | 3.0 | 5 |
| 31 | Cardiorespiratory Fitness Associates with Cerebral Vessel Pulsatility in a Cohort Enriched with Risk for Alzheimer's Disease. Brain Plasticity, 2020, 5, 175-184. | 3.5 | 3 |
| 32 | Neuroimaging patterns of chronic cerebrovascular insufficiency with evaluation of cerebral perfusion depending on the level of cognitive disorders. Medical Visualization, 2020, 24, 114-122. | 0.4 | 1 |
| 33 | Calculated Parameters for Assessing the Interaction of Fluids in the Central Nervous System According to Radiation Introscopy (Part I). Vestnik Rentgenologii I Radiologii, 2020, 101, 244-252. | 0.2 | 1 |
| 34 | 4D flow MRI hemodynamic biomarkers for cerebrovascular diseases. Journal of Internal Medicine, 2022, 291, 115-127. | 6.0 | 16 |
| 35 | Physiology and Clinical Relevance of Enlarged Perivascular Spaces in the Aging Brain. Neurology, 2022, 98, 107-117. | 1.1 | 30 |
| 36 | Cerebrovascular stiffness and flow dynamics in the presence of amyloid and tau biomarkers. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12253. | 2.4 | 4 |
| 37 | Editorial for "Does the Internal Carotid Artery Attenuate Blood-Flow Pulsatility in Small Vessel Disease? A 7T 4D-Flow MRI Study". Journal of Magnetic Resonance Imaging, 2022, 56, 536-537. | 3.4 | 0 |
| 38 | The Impact of Aging on the Association Between Aortic Stiffness and Cerebral Pulsatility Index. Frontiers in Cardiovascular Medicine, 2022, 9, 821151. | 2.4 | 14 |
| 39 | Editorial for "Intracranial Blood Flow Quantification by Accelerated Dual-Venc 4D-Flow MRI: Comparison With Transcranial Doppler Ultrasound". Journal of Magnetic Resonance Imaging, 2022, 56, 1265-1266. | 3.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 41 | An Enlarged Perivascular Space: Clinical Relevance and the Role of Imaging in Aging and Neurologic Disorders. Journal of the Korean Society of Radiology, 2022, 83, 538. | 0.2 | 3 |
| 42 | Dementia Prevention Research Clinic: a longitudinal study investigating factors influencing the development of Alzheimer's disease in Aotearoa, New Zealand. Journal of the Royal Society of New Zealand, 0, , 1-22. | 1.9 | 2 |
| 43 | Anatomy imaging and hemodynamics research on the cerebral vein and venous sinus among individuals without cranial sinus and jugular vein diseases. Frontiers in Neuroscience, 0, 16, . | 2.8 | 0 |
| 44 | Enlarged perivascular space burden associations with arterial stiffness and cognition. Neurobiology of Aging, 2023, 124, 85-97. | 3.1 | 9 |
| 45 | Spontaneous Echo Contrast in the Left Atrium and Aortic-Arch Atheroma, Detected by Transesophageal Echocardiography, Was Negatively Correlated with Cognitive Function. Journal of Alzheimer's Disease, 2022, , 1-9. | 2.6 | 0 |
| 46 | Automated hemodynamic assessment for cranial 4D flow MRI. Magnetic Resonance Imaging, 2023, 97, 46-55. | 1.8 | 6 |
| 48 | Normative Cerebral Hemodynamics in Middle-aged and Older Adults Using 4D Flow MRI: Initial Analysis of Vascular Aging. Radiology, 2023, 307, . | 7.3 | 10 |
| 49 | Assessment of disorders of hemodynamics and csf dynamics in idiopathic intracranial hypertension syndrome according to MRI data. Complex Issues of Cardiovascular Diseases, 2023, 12, 84-93. | 0.5 | 0 |
| 50 | Cerebral hemodynamics comparison using transcranial doppler ultrasound and 4D flow MRI. Frontiers in Physiology, 0, 14, . | 2.8 | 3 |
| 51 | Repeatability and comparison of 2D and 4D flow MRI measurement of intracranial blood flow and pulsatility in healthy individuals and patients with cerebral small vessel disease. Frontiers in Psychology, 0, 14, . | 2.1 | 0 |
| 52 | Clinical Applications of Four-Dimensional Flow MRI. Magnetic Resonance Imaging Clinics of North America, 2023, , . | 1.1 | 0 |
| 53 | An overview of cerebral venules: From structure, pathology, and imaging to related diseases. , 2023, 2, . | | 0 |
| 55 | Physiological brain pulsations. , 2023, , 131-153. | | 0 |
| 56 | A Review of Analytical Tools and Clinical Application in the Field of 4D Flow MRI. , 2022, , 89-100. | | 0 |
| 57 | Regional differences in the link between water exchange rate across the blood-brain barrier and cognitive performance in normal aging. GeroScience, 0, , . | 4.6 | 2 |
| 58 | Enlarged Perivascular Spaces and Age-Related Clinical Diseases. Clinical Interventions in Aging, 0, Volume 18, 855-867. | 2.9 | 2 |
| 59 | Association of Baseline Cerebrovascular Reactivity and Longitudinal Development of Enlarged Perivascular Spaces in the Basal Ganglia. Stroke, 2023, 54, 2785-2793. | 2.0 | 1 |
| 60 | Cerebral Microvascular Imaging in Infants. Ultrasound Quarterly, 0, , . | 0.8 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 61 | Cerebrovascular Function in Aging. Masterclass in Neuroendocrinology, 2023, , 137-171. | 0.1 | 1 |
| 62 | Computational Fluid Dynamics of Stent-Mounted Neural Interfaces in an Idealized Cerebral Venous Sinus [*]. , 2023, , . | | 0 |
| 63 | Cerebral Sinus Hemodynamics in Adults Revealed by 4D Flow MRI. Journal of Magnetic Resonance Imaging, 0, , . | 3.4 | 1 |
| 64 | Editorial for “Cerebral Sinus Hemodynamics in Adults Revealed by 4D Flow MRI”, Journal of Magnetic Resonance Imaging, 0, , . | 3.4 | 0 |