Neurovascular coupling and cerebral autoregulation in

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Citation Report

#	Article	IF	CITATIONS
1	Cerebrovascular Dysfunction in Atrial Fibrillation. Frontiers in Physiology, 2020, 11, 1066.	2.8	12
2	Neurovascular Coupling Impairment in Heart Failure with Reduction Ejection Fraction. Brain Sciences, 2020, 10, 714.	2.3	6
3	Cognitive declines after perioperative covert stroke: Recent advances and perspectives. Current Opinion in Anaesthesiology, 2020, 33, 651-654.	2.0	3
4	Cerebrovascular carbon dioxide reactivity and flow-mediated dilation in young healthy South Asian and Caucasian European men. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H756-H763.	3.2	4
5	Visual task complexity and eye movement patterns influence measures of human neurovascular coupling. Physiology and Behavior, 2021, 229, 113198.	2.1	3
6	Differentiating Dynamic Cerebral Autoregulation Across Vascular Territories. Frontiers in Neurology, 2021, 12, 653167.	2.4	9
7	Increased beat-to-beat variability of cerebral microcirculatory perfusion during atrial fibrillation: a near-infrared spectroscopy study. Europace, 2021, 23, 1219-1226.	1.7	18
8	Cerebral spatially resolved near-infrared spectroscopy (SRS-NIRS): paving the way for non-invasive assessment of cerebral hemodynamics during atrial fibrillation. Minerva Cardiology and Angiology, 2021, 69, 124-126.	0.7	1
9	Blood–brain barrier disruption in atrial fibrillation: a potential contributor to the increased risk of dementia and worsening of stroke outcomes?. Open Biology, 2021, 11, 200396.	3.6	8
10	What recording duration is required to provide physiologically valid and reliable dynamic cerebral autoregulation transfer functional analysis estimates?. Physiological Measurement, 2021, 42, 044002.	2.1	14
11	Cerebral blood flow impairment and cognitive decline in heart failure. Brain and Behavior, 2021, 11, e02176.	2.2	35
12	Prognostic Effects of Vasomotor Reactivity during Targeted Temperature Management in Post-Cardiac Arrest Patients: A Retrospective Observational Study. Journal of Clinical Medicine, 2021, 10, 3386.	2.4	2
13	RNF34 ablation promotes cerebrovascular remodeling and hypertension by increasing NADPH-derived ROS generation. Neurobiology of Disease, 2021, 156, 105396.	4.4	7
14	Altered Coupling Between Resting-State Cerebral Blood Flow and Functional Connectivity Strength in Cervical Spondylotic Myelopathy Patients. Frontiers in Neurology, 2021, 12, 713520.	2.4	3
15	Microvascular changes that stagger the mind. Journal of Clinical Investigation, 2021, 131, .	8.2	2
16	Imaging Cerebral Blood Flow for Brain Health Measurement. , 2022, , 126-135.		2
17	Neurovascular Coupling Is Impaired in Hypertensive and Diabetic Subjects Without Symptomatic Cerebrovascular Disease. Frontiers in Aging Neuroscience, 2021, 13, 728007.	3.4	9
18	Neurovascular coupling is not influenced by lower body negative pressure in humans. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H22-H31.	3.2	3

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19	Brain Imaging Changes and Related Risk Factors of Cognitive Impairment in Patients With Heart Failure. Frontiers in Cardiovascular Medicine, 2021, 8, 838680.	2.4	3
20	Blood–Brain Barrier Transporters: Opportunities for Therapeutic Development in Ischemic Stroke. International Journal of Molecular Sciences, 2022, 23, 1898.	4.1	26
21	Understanding the origins of the basic equations of statistical fibrillatory dynamics. Chaos, 2022, 32, 032101.	2.5	3
22	Recent advances and perspectives of postoperative neurological disorders in the elderly surgical patients. CNS Neuroscience and Therapeutics, 2022, 28, 470-483.	3.9	35
23	Central Hypovolemia Detection During Environmental Stressâ€"A Role for Artificial Intelligence?. Frontiers in Physiology, 2021, 12, 784413.	2.8	1
24	Evaluating Interhemispheric Synchronization and Cortical Activity in Acute Stroke Patients Using Optical Hemodynamic Oscillations. Journal of Neural Engineering, 0, , .	3.5	1
25	Systemic physiology augmented functional near-infrared spectroscopy: a powerful approach to study the embodied human brain. Neurophotonics, 2022, 9, .	3.3	26
26	Factors associated with favorable outcomes in acute severe stroke patients: A real‑world, national database study. Biomedical Reports, 2022, 17, .	2.0	0
27	Transfer function analysis of dynamic cerebral autoregulation: A CARNet white paper 2022 update. Journal of Cerebral Blood Flow and Metabolism, 2023, 43, 3-25.	4.3	38
28	Dynamic cerebral autoregulation is intact in chronic kidney disease. Physiological Reports, 2022, 10, .	1.7	1
29	The Effect of a Neuronal Nitric Oxide Synthase Inhibitor on Neurovascular Regulation in Humans. Circulation Research, 2022, 131, 952-961.	4.5	7
30	Do mean values tell the full story? Cardiac cycle and biological sex comparisons in temporally derived neurovascular coupling metrics. Journal of Applied Physiology, 2023, 134, 426-443.	2.5	2
31	Role of Vitamin D Deficiency in the Pathogenesis of Cardiovascular and Cerebrovascular Diseases. Nutrients, 2023, 15, 334.	4.1	27
32	Association between atrial fibrillation burden and cognitive function in patients with atrial fibrillation. International Journal of Cardiology, 2023, 377, 73-78.	1.7	5
33	Multimodal and autoregulation monitoring in the neurointensive care unit. Frontiers in Neurology, $0,14,.$	2.4	1
34	Neurovascular coupling in severe aortic valve stenosis. Brain and Behavior, 2023, 13, .	2.2	0
35	Impaired Dynamic Cerebral Autoregulation in Patients With Cerebral Venous Sinus Thrombosis: Evaluation Using Transcranial Doppler and Silent Reading Stimulation. Ultrasound in Medicine and Biology, 2023, 49, 2221-2226.	1.5	0
36	Impaired dynamic cerebral autoregulation as a predictor for cerebral hyperperfusion after carotid endarterectomy: A prospective observational study. World Neurosurgery, 2023, , .	1.3	0

#	Article	IF	CITATIONS
37	Heartâ $\in$ brain interaction in cardiogenic dementia: pathophysiology and therapeutic potential. Frontiers in Cardiovascular Medicine, 0, $11$ , .	2.4	0
38	Relationship of Warfarin and Apixaban with Vascular Function in Patients with Atrial Fibrillation. Journal of Vascular Research, 2024, 61, 59-67.	1.4	O