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List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

386
citations

1477746
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1588620
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11
all docs

11
docs citations

11
times ranked

524
citing authors

#	ARTICLE	IF	CITATIONS
1	Stimulation-induced increases in cerebral blood flow and local capillary vasoconstriction depend on conducted vascular responses. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5796-E5804.	3.3	110
2	Precapillary sphincters maintain perfusion in the cerebral cortex. Nature Communications, 2020, 11, 395.	5.8	104
3	Increased 20-HETE Synthesis Explains Reduced Cerebral Blood Flow But Not Impaired Neurovascular Coupling after Cortical Spreading Depression in Rat Cerebral Cortex. Journal of Neuroscience, 2013, 33, 2562-2570.	1.7	73
4	Precapillary sphincters and pericytes at first-order capillaries as key regulators for brain capillary perfusion. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	52
5	Spontaneous astrocytic Ca ²⁺ activity abounds in electrically suppressed ischemic penumbra of aged mice. Glia, 2019, 67, 37-52.	2.5	22
6	Multi-modal assessment of neurovascular coupling during cerebral ischaemia and reperfusion using remote middle cerebral artery occlusion. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2494-2508.	2.4	11
7	In Vivo Three-Dimensional Two-Photon Microscopy to Study Conducted Vascular Responses by Local ATP Ejection Using a Glass Micro-Pipette. Journal of Visualized Experiments, 2019, , .	0.2	8
8	Sensory Stimulation-Induced Astrocytic Calcium Signaling in Electrically Silent Ischemic Penumbra. Frontiers in Aging Neuroscience, 2019, 11, 223.	1.7	3