

Jonas C Fordsmann

List of Publications by Year in descending order

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papers

386
citations

1477746
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11
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11
times ranked

524
citing authors

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