

# CITATION REPORT

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## Traumatic Brain Injury Impairs Myogenic Constriction of Cerebral Arteries: Role of Mitochondria-Derived HO and TRPV4-Dependent Activation of BK Channels

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Journal of Neurotrauma, 2018, 35, 930-939.

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#	Paper	IF	Citations
40	Traumatic Brain Injury and Alzheimer's Disease: The Cerebrovascular Link. <i>EBioMedicine</i> , <b>2018</b> , 28, 21-30	8.8	131
39	Dexmedetomidine reduces oxidative stress and provides neuroprotection in a model of traumatic brain injury via the PGC-1 $\beta$ signaling pathway. <i>Neuropeptides</i> , <b>2018</b> , 72, 58-64	3.3	25
38	Total Flavone of Rhododendron Improves Cerebral Ischemia Injury by Activating Vascular TRPV4 to Induce Endothelium-Derived Hyperpolarizing Factor-Mediated Responses. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2018</b> , 2018, 8919867	2.3	13
37	Reactive oxygen species induced Ca influx via TRPV4 and microvascular endothelial dysfunction in the SU5416/hypoxia model of pulmonary arterial hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2018</b> , 314, L893-L907	5.8	52
36	mtROS-Induced TRPV4 Activation in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , <b>2019</b> , 36, 639	5.4	
35	Single Mild Traumatic Brain Injury Induces Persistent Disruption of the Blood-Brain Barrier, Neuroinflammation and Cognitive Decline in Hypertensive Rats. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	17
34	Hypertension Exacerbates Cerebrovascular Oxidative Stress Induced by Mild Traumatic Brain Injury: Protective Effects of the Mitochondria-Targeted Antioxidative Peptide SS-31. <i>Journal of Neurotrauma</i> , <b>2019</b> , 36, 3309-3315	5.4	12
33	Regulation of mitochondrial fragmentation in microvascular endothelial cells isolated from the SU5416/hypoxia model of pulmonary arterial hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2019</b> , 317, L639-L652	5.8	14
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31	Mitochondria-Targeted Antioxidants as Potential Therapy for the Treatment of Traumatic Brain Injury. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	12
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29	The single intravenous administration of mitochondria-targeted antioxidant SkQR1 after traumatic brain injury attenuates neurological deficit in rats. <i>Brain Research Bulletin</i> , <b>2019</b> , 148, 100-108	3.9	8
28	Prostaglandin E a postulated mediator of neurovascular coupling, at low concentrations dilates whereas at higher concentrations constricts human cerebral parenchymal arterioles. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2020</b> , 146, 106389	3.7	6
27	Kaempferol Treatment after Traumatic Brain Injury during Early Development Mitigates Brain Parenchymal Microstructure and Neural Functional Connectivity Deterioration at Adolescence. <i>Journal of Neurotrauma</i> , <b>2020</b> , 37, 966-974	5.4	7
26	TRPV4 promotes acoustic wave-mediated BBB opening via Ca/PKC- $\beta$ pathway. <i>Journal of Advanced Research</i> , <b>2020</b> , 26, 15-28	13	7
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24	Riding the tiger - physiological and pathological effects of superoxide and hydrogen peroxide generated in the mitochondrial matrix. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , <b>2020</b> , 55, 592-661	8.7	20

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- 4 Vascular smooth muscle cell dysfunction in neurodegeneration. 16, ○
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- 1 Astrocytic TRPV4 Channels and Their Role in Brain Ischemia. **2023**, 24, 7101 ○