

# Masayo Koide

## List of Publications by Year in descending order

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15  
papers

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citations

1040056

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1125743

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docs citations

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times ranked

937  
citing authors

#	ARTICLE	IF	CITATIONS
1	Capillary K <sup>+</sup> -sensing initiates retrograde hyperpolarization to increase local cerebral blood flow. <i>Nature Neuroscience</i> , 2017, 20, 717-726.	14.8	364
2	Inversion of neurovascular coupling after subarachnoid hemorrhage in vivo. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3625-3634.	4.3	60
3	PIP <sub>2</sub> corrects cerebral blood flow deficits in small vessel disease by rescuing capillary Kir2.1 activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	45
4	Heparin-binding EGF-like growth factor mediates oxyhemoglobin-induced suppression of voltage-dependent potassium channels in rabbit cerebral artery myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H1750-H1759.	3.2	35
5	Adenosine signaling activates ATP-sensitive K <sup>+</sup> channels in endothelial cells and pericytes in CNS capillaries. <i>Science Signaling</i> , 2022, 15, eabl5405.	3.6	33
6	Acute changes in neurovascular reactivity after subarachnoid hemorrhage in vivo. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 178-187.	4.3	24
7	Tonic regulation of middle meningeal artery diameter by ATP-sensitive potassium channels. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 670-679.	4.3	20
8	The yin and yang of K <sub>v</sub> channels in cerebral small vessel pathologies. <i>Microcirculation</i> , 2018, 25, e12436.	1.8	15
9	Purinergic signaling triggers endfoot high-amplitude Ca <sup>2+</sup> signals and causes inversion of neurovascular coupling after subarachnoid hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1901-1912.	4.3	10
10	Nifedipine Inhibition of High-Voltage Activated Calcium Channel Currents in Cerebral Artery Myocytes Is Influenced by Extracellular Divalent Cations. <i>Frontiers in Physiology</i> , 2017, 8, 210.	2.8	6
11	Impaired Cerebral Autoregulation After Subarachnoid Hemorrhage: A Quantitative Assessment Using a Mouse Model. <i>Frontiers in Physiology</i> , 2021, 12, 688468.	2.8	5
12	Piezo1 is a mechanosensor channel in CNS capillaries. <i>Journal of General Physiology</i> , 2022, 154, .	1.9	4
13	Incomplete reprogramming after fusion of human multipotent stromal cells and bronchial epithelial cells. <i>FASEB Journal</i> , 2010, 24, 4856-4864.	0.5	1
14	Oxyhemoglobin-induced Kv current suppression: MMP activation, HB-EGF shedding and EGFR-PTK activation. <i>FASEB Journal</i> , 2007, 21, A517.	0.5	0
15	Decreased frequency of transient outward BK currents in cerebral myocytes following subarachnoid hemorrhage. <i>FASEB Journal</i> , 2008, 22, 965.18.	0.5	0