

Uri Kahanovitch

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

165
citations

8
h-index

12
g-index

13
ext. papers

221
ext. citations

5.8
avg, IF

3.11
L-index

#	Paper	IF	Citations
13	K 5.1-dependent CO /H -sensitive currents contribute to astrocyte heterogeneity across brain regions. <i>Glia</i> , 2021 , 69, 310-325	9	10
12	A Collision Coupling Model Governs the Activation of Neuronal GIRK1/2 Channels by Muscarinic-2 Receptors. <i>Frontiers in Pharmacology</i> , 2020 , 11, 1216	5.6	2
11	DNA methylation: A mechanism for sustained alteration of KIR4.1 expression following central nervous system insult. <i>Glia</i> , 2020 , 68, 1495-1512	9	4
10	Isoflurane inhibits a Kir4.1/5.1-like conductance in neonatal rat brainstem astrocytes and recombinant Kir4.1/5.1 channels in a heterologous expression system. <i>Journal of Neurophysiology</i> , 2020 , 124, 740-749	3.2	3
9	Mutual action by G β and G γ for optimal activation of GIRK channels in a channel subunit-specific manner. <i>Scientific Reports</i> , 2019 , 9, 508	4.9	6
8	Glial Dysfunction in MeCP2 Deficiency Models: Implications for Rett Syndrome. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	16
7	Glial SIK3: A central player in ion and volume homeostasis in peripheral nerves. <i>Journal of Cell Biology</i> , 2019 , 218, 3888-3889	7.3	
6	MeCP2 Deficiency Leads to Loss of Glial Kir4.1. <i>ENeuro</i> , 2018 , 5,	3.9	19
5	Collision coupling in the GABA receptor-G protein-GIRK signaling cascade. <i>FEBS Letters</i> , 2017 , 591, 2816-2825	3.825	8
4	The Roles of G β and G γ in Gating and Regulation of GIRK Channels. <i>International Review of Neurobiology</i> , 2015 , 123, 27-85	4.4	38
3	A Quantitative Model of the GIRK1/2 Channel Reveals That Its Basal and Evoked Activities Are Controlled by Unequal Stoichiometry of G β and G γ <i>PLoS Computational Biology</i> , 2015 , 11, e1004598	5	11
2	Dual regulation of G proteins and the G-protein-activated K ⁺ channels by lithium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 5018-23	11.5	27
1	Recruitment of G β controls the basal activity of G-protein coupled inwardly rectifying potassium (GIRK) channels: crucial role of distal C terminus of GIRK1. <i>Journal of Physiology</i> , 2014 , 592, 5373-90	3.9	21