

Uri Kahanovitch

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

251
citations

1039880

9
h-index

1199470

12
g-index

13
all docs

13
docs citations

13
times ranked

397
citing authors

#	ARTICLE	IF	CITATIONS
1	The Roles of $G\beta\gamma$ and $G\alpha$ in Gating and Regulation of GIRK Channels. <i>International Review of Neurobiology</i> , 2015, 123, 27-85.	0.9	59
2	Glial Dysfunction in MeCP2 Deficiency Models: Implications for Rett Syndrome. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3813.	1.8	33
3	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, 5018-5023.	3.3	29
4	Recruitment of $G\beta\gamma$ 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, 5373-5390.	1.3	26
5	MeCP2 Deficiency Leads to Loss of Glial Kir4.1. <i>ENeuro</i> , 2018, 5, ENEURO.0194-17.2018.	0.9	26
6	A Quantitative Model of the GIRK1/2 Channel Reveals That Its Basal and Evoked Activities Are Controlled by Unequal Stoichiometry of $G\beta\gamma$ and $G\beta\gamma$. <i>PLoS Computational Biology</i> , 2015, 11, e1004598.	1.5	21
7	Kir 5.1-dependent CO_2/H^+ -sensitive currents contribute to astrocyte heterogeneity across brain regions. <i>Glia</i> , 2021, 69, 310-325.	2.5	15
8	Collision coupling in the GABA B receptor-G protein-GIRK signaling cascade. <i>FEBS Letters</i> , 2017, 591, 2816-2825.	1.3	12
9	Mutual action by $G\beta\gamma$ and $G\alpha$ for optimal activation of GIRK channels in a channel subunit-specific manner. <i>Scientific Reports</i> , 2019, 9, 508.	1.6	11
10	DNA methylation: A mechanism for sustained alteration of KIR4.1 expression following central nervous system insult. <i>Glia</i> , 2020, 68, 1495-1512.	2.5	10
11	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.	0.9	6
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.	1.6	3
13	Glial SIK3: A central player in ion and volume homeostasis in <i>Drosophila</i> peripheral nerves. <i>Journal of Cell Biology</i> , 2019, 218, 3888-3889.	2.3	0