Uri Kahanovitch

List of Publications by Citations

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	The Roles of G□and G□n Gating and Regulation of GIRK Channels. *International Review of Neurobiology*, **2015**, 123, 27-85	4.4	38
12	Dual regulation of G proteins and the G-protein-activated K+ channels by lithium. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 5018-23	11.5	27
11	Recruitment of G□controls the basal activity of G-protein coupled inwardly rectifying potassium (GIRK) channels: crucial role of distal C terminus of GIRK1. *Journal of Physiology*, **2014**, 592, 5373-90	3.9	21
10	MeCP2 Deficiency Leads to Loss of Glial Kir4.1. *ENeuro*, **2018**, 5,	3.9	19
9	Glial Dysfunction in MeCP2 Deficiency Models: Implications for Rett Syndrome. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	16
8	A Quantitative Model of the GIRK1/2 Channel Reveals That Its Basal and Evoked Activities Are Controlled by Unequal Stoichiometry of G□and G□*PLoS Computational Biology*, **2015**, 11, e1004598	5	11
7	K 5.1-dependent CO /H -sensitive currents contribute to astrocyte heterogeneity across brain regions. *Glia*, **2021**, 69, 310-325	9	10
6	Collision coupling in the GABA receptor-G protein-GIRK signaling cascade. *FEBS Letters*, **2017**, 591, 2816-2825	3.8	8
5	Mutual action by G□and G□for optimal activation of GIRK channels in a channel subunit-specific manner. *Scientific Reports*, **2019**, 9, 508	4.9	6
4	DNA methylation: A mechanism for sustained alteration of KIR4.1 expression following central nervous system insult. *Glia*, **2020**, 68, 1495-1512	9	4
3	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. *Journal of Neurophysiology*, **2020**, 124, 740-749	3.2	3
2	A Collision Coupling Model Governs the Activation of Neuronal GIRK1/2 Channels by Muscarinic-2 Receptors. *Frontiers in Pharmacology*, **2020**, 11, 1216	5.6	2
1	Glial SIK3: A central player in ion and volume homeostasis in peripheral nerves. *Journal of Cell Biology*, **2019**, 218, 3888-3889	7.3	