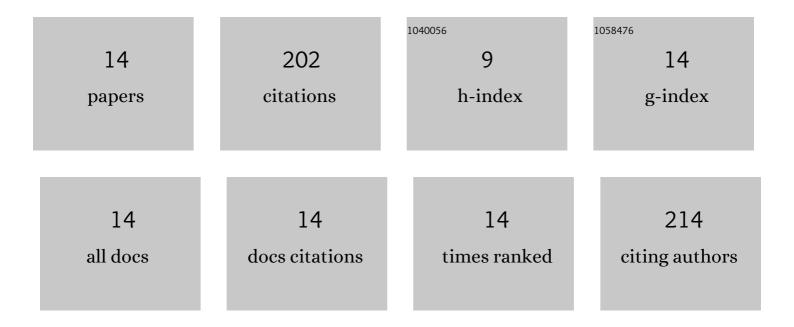
Ru-Chi Shieh

List of Publications by Year in descending order

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RILCHI SHIFH

#	Article	IF	CITATIONS
1	Linkage analysis reveals allosteric coupling in Kir2.1 channels. Journal of General Physiology, 2018, 150, 1541-1553.	1.9	5
2	Activation of the Ca2+-sensing receptors increases currents through inward rectifier K+ channels via activation of phosphatidylinositol 4-kinase. Pflugers Archiv European Journal of Physiology, 2016, 468, 1931-1943.	2.8	9
3	Mechanism for attenuated outward conductance induced by mutations in the cytoplasmic pore of Kir2.1 channels. Scientific Reports, 2015, 5, 18404.	3.3	7
4	Voltage-dependent inhibition of outward Kir2.1 currents by extracellular spermine. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 765-775.	2.6	7
5	Revisiting inward rectification: K ions permeate through Kir2.1 channels during high-affinity block by spermidine. Journal of General Physiology, 2012, 139, 245-259.	1.9	13
6	Extracellular K+ elevates outward currents through Kir2.1 channels by increasing single-channel conductance. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1772-1778.	2.6	15
7	The Extracellular K+ Concentration Dependence of Outward Currents through Kir2.1 Channels Is Regulated by Extracellular Na+ and Ca2+. Journal of Biological Chemistry, 2010, 285, 23115-23125.	3.4	13
8	K+ binding in the G-loop and water cavity facilitates Ba2+ movement in the Kir2.1 channel. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 500-506.	2.6	5
9	Charges in the Cytoplasmic Pore Control Intrinsic Inward Rectification and Single-Channel Properties in Kir1.1 and Kir2.1 Channels. Journal of Membrane Biology, 2007, 215, 181-193.	2.1	11
10	Electrostatics in the Cytoplasmic Pore Produce Intrinsic Inward Rectification in Kir2.1 Channels. Journal of General Physiology, 2005, 126, 551-562.	1.9	17
11	A Ring of Negative Charges in the Intracellular Vestibule of Kir2.1 Channel Modulates K+ Permeation. Biophysical Journal, 2005, 88, 243-254.	0.5	16
12	The Effects of Spermine on the Accessibility of Residues in the M2 Segment of Kir2.1 Channels Expressed in Xenopus Oocytes. Journal of Physiology, 2003, 553, 101-112.	2.9	18
13	Conformational Changes in Kir2.1 Channels during NH4+-induced Inactivation. Journal of Biological Chemistry, 2003, 278, 908-918.	3.4	6
14	Interaction of Ba2+ with the Pores of the Cloned Inward Rectifier K+ Channels Kir2.1 Expressed in Xenopus Oocytes. Biophysical Journal, 1998, 75, 2313-2322.	0.5	60