

Paul J Pfaffinger

List of Publications by Year in descending order

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18
papers

1,030
citations

840776

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888059

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18
all docs

18
docs citations

18
times ranked

885
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-regulated voltage-gated potassium channels for acute interrogation of channel function in neurons and behavior. PLoS ONE, 2021, 16, e0248688.	2.5	4
2	S-Glutathionylation of an Auxiliary Subunit Confers Redox Sensitivity to Kv4 Channel Inactivation. PLoS ONE, 2014, 9, e93315.	2.5	14
3	Functional stoichiometry underlying KC IP regulation of Kv4.2 functional expression. Journal of Neurochemistry, 2013, 126, 462-472.	3.9	10
4	A New TASK for Dipeptidyl Peptidase-like Protein 6. PLoS ONE, 2013, 8, e60831.	2.5	6
5	Conserved N-Terminal Negative Charges Support Optimally Efficient N-type Inactivation of Kv1 Channels. PLoS ONE, 2013, 8, e62695.	2.5	3
6	A Conserved Pre-Block Interaction Motif Regulates Potassium Channel Activation and N-Type Inactivation. PLoS ONE, 2013, 8, e79891.	2.5	3
7	Dipeptidyl Peptidase-Like Protein 6 Is Required for Normal Electrophysiological Properties of Cerebellar Granule Cells. Journal of Neuroscience, 2010, 30, 8551-8565.	3.6	29
8	Multiple intermediate states precede pore block during N-type inactivation of a voltage-gated potassium channel. Journal of General Physiology, 2009, 134, 15-34.	1.9	13
9	Excitability is Mediated by the T1 Domain of the Voltage-Gated Potassium Channel. Novartis Foundation Symposium, 2008, , 169-177.	1.1	6
10	KCHIP3 Rescues the Functional Expression of Shal Channel Tetramerization Mutants. Journal of Biological Chemistry, 2004, 279, 54542-54551.	3.4	39
11	Modulation of Kv4.2 Channel Expression and Gating by Dipeptidyl Peptidase 10 (DPP10). Biophysical Journal, 2004, 87, 2380-2396.	0.5	121
12	The Role of Zn ²⁺ in Shal Voltage-gated Potassium Channel Formation. Journal of Biological Chemistry, 2003, 278, 31361-31371.	3.4	21
13	A Central Role for the T1 Domain in Voltage-gated Potassium Channel Formation and Function. Journal of Biological Chemistry, 2001, 276, 28493-28502.	3.4	43
14	Zn ²⁺ -binding and molecular determinants of tetramerization in voltage-gated K ⁺ channels. Nature Structural Biology, 1999, 6, 38-43.	9.7	150
15	Crystal structure of the tetramerization domain of the Shaker potassium channel. Nature, 1998, 392, 945-948.	27.8	292
16	When names are less than crystal clear. Nature, 1998, 394, 216-216.	27.8	0
17	Shaker K ⁺ Channel T1 Domain Self-tetramerizes to a Stable Structure. Journal of Biological Chemistry, 1995, 270, 28595-28600.	3.4	46
18	Deletion analysis of K ⁺ channel assembly. Neuron, 1993, 11, 67-76.	8.1	230