

Zeineb Zel Es-Salah-Lamoureux

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

219
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	hERG S4-S5 linker acts as a voltage-dependent ligand that binds to the activation gate and locks it in a closed state. <i>Scientific Reports</i> , 2017, 7, 113.	3.3	15
2	Components of gating charge movement and S4 voltage-sensor exposure during activation of hERG channels. <i>Journal of General Physiology</i> , 2013, 141, 431-443.	1.9	20
3	Basis for allosteric open-state stabilization of voltage-gated potassium channels by intracellular cations. <i>Journal of General Physiology</i> , 2012, 140, 495-511.	1.9	17
4	Dual Effect of Phosphatidyl (4,5)-Bisphosphate PIP2 on Shaker K ⁺ Channels. <i>Journal of Biological Chemistry</i> , 2012, 287, 36158-36167.	3.4	37
5	Opposite Effects of the S4-S5 Linker and PIP2 on Voltage-Gated Channel Function: KCNQ1/KCNE1 and Other Channels. <i>Frontiers in Pharmacology</i> , 2012, 3, 125.	3.5	27
6	Functional characterization of the LQT2-causing mutation R582C and the associated voltage-dependent fluorescence signal. <i>Heart Rhythm</i> , 2011, 8, 1273-1280.	0.7	8
7	Blockade of Permeation by Potassium but Normal Gating of the G628S Nonconducting hERG Channel Mutant. <i>Biophysical Journal</i> , 2011, 101, 662-670.	0.5	8
8	Inhibition of protein kinase C decreases sensitivity of GABA receptor subtype to fipronil insecticide in insect neurosecretory cells. <i>NeuroToxicology</i> , 2011, 32, 828-835.	3.0	13
9	Research into the therapeutic roles of two-pore-domain potassium channels. <i>Trends in Pharmacological Sciences</i> , 2010, 31, 587-595.	8.7	40
10	Fluorescence-Tracking of Activation Gating in Human ERG Channels Reveals Rapid S4 Movement and Slow Pore Opening. <i>PLoS ONE</i> , 2010, 5, e10876.	2.5	34