

Eva-Maria Zangerl-Plessl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3585030/publications.pdf>

Version: 2024-02-01

13
papers

249
citations

1162889

8
h-index

1199470

12
g-index

15
all docs

15
docs citations

15
times ranked

279
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis of control of inward rectifier Kir2 channel gating by bulk anionic phospholipids. <i>Journal of General Physiology</i> , 2016, 148, 227-237.	0.9	66
2	Conduction through a narrow inward-rectifier K ⁺ channel pore. <i>Journal of General Physiology</i> , 2019, 151, 1231-1246.	0.9	36
3	Distinct interactions of Na ⁺ and Ca ²⁺ ions with the selectivity filter of the bacterial sodium channel NaVAb. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 1272-1276.	1.0	31
4	Atomistic basis of opening and conduction in mammalian inward rectifier potassium (Kir2.2) channels. <i>Journal of General Physiology</i> , 2020, 152, jgp.201912422.	0.9	28
5	Molecular Dynamics Simulations of KirBac1.1 Mutants Reveal Global Gating Changes of Kir Channels. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 814-822.	2.5	21
6	Disease Associated Mutations in KIR Proteins Linked to Aberrant Inward Rectifier Channel Trafficking. <i>Biomolecules</i> , 2019, 9, 650.	1.8	20
7	PA-6 inhibits inward rectifier currents carried by V93I and D172N gain-of-function KIR2.1 channels, but increases channel protein expression. <i>Journal of Biomedical Science</i> , 2017, 24, 44.	2.6	14
8	Toward a Structural View of hERG Activation by the Small-Molecule Activator ICA-105574. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 360-371.	2.5	12
9	Molecular Basis of Altered hERG1 Channel Gating Induced by Ginsenoside Rg3. <i>Molecular Pharmacology</i> , 2017, 92, 437-450.	1.0	6
10	Computational Identification of Novel Kir6 Channel Inhibitors. <i>Frontiers in Pharmacology</i> , 2019, 10, 549.	1.6	5
11	Development of IKATP Ion Channel Blockers Targeting Sulfonylurea Resistant Mutant KIR6.2 Based Channels for Treating DEND Syndrome. <i>Frontiers in Pharmacology</i> , 2021, 12, 814066.	1.6	2
12	A selectivity filter mutation provides insights into gating regulation of a K ⁺ channel. <i>Communications Biology</i> , 2022, 5, 345.	2.0	2
13	Commentary: Golgin-97 Targets Ectopically Expressed Inward Rectifying Potassium Channel, Kir2.1, to the Trans-Golgi Network in COS-7 Cells. <i>Frontiers in Physiology</i> , 2018, 9, 1401.	1.3	0