

Eva-Maria Zangerl-Plessl

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

162
citations

7
h-index

12
g-index

15
ext. papers

217
ext. citations

5.3
avg, IF

2.79
L-index

#	Paper	IF	Citations
15	A selectivity filter mutation provides insights into gating regulation of a K channel.. <i>Communications Biology</i> , 2022 , 5, 345	6.7	1
14	Development of I Ion Channel Blockers Targeting Sulfonylurea Resistant Mutant K6.2 Based Channels for Treating DEND Syndrome.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 814066	5.6	1
13	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	6.1	5
12	Atomistic basis of opening and conduction in mammalian inward rectifier potassium (Kir2.2) channels. <i>Journal of General Physiology</i> , 2020 , 152,	3.4	11
11	Conduction through a narrow inward-rectifier K channel pore. <i>Journal of General Physiology</i> , 2019 , 151, 1231-1246	3.4	22
10	Computational Identification of Novel Kir6 Channel Inhibitors. <i>Frontiers in Pharmacology</i> , 2019 , 10, 549	5.6	2
9	Disease Associated Mutations in K Proteins Linked to Aberrant Inward Rectifier Channel Trafficking. <i>Biomolecules</i> , 2019 , 9,	5.9	10
8	Commentary: Golgin-97 Targets Ectopically Expressed Inward Rectifying Potassium Channel, Kir2.1, to the -Golgi Network in COS-7 Cells. <i>Frontiers in Physiology</i> , 2018 , 9, 1401	4.6	
7	Molecular Basis of Altered hERG1 Channel Gating Induced by Ginsenoside Rg3. <i>Molecular Pharmacology</i> , 2017 , 92, 437-450	4.3	4
6	PA-6 inhibits inward rectifier currents carried by V93I and D172N gain-of-function K2.1 channels, but increases channel protein expression. <i>Journal of Biomedical Science</i> , 2017 , 24, 44	13.3	10
5	Structural basis of control of inward rectifier Kir2 channel gating by bulk anionic phospholipids. <i>Journal of General Physiology</i> , 2016 , 148, 227-37	3.4	45
4	Molecular Dynamics Simulations of KirBac1.1 Mutants Reveal Global Gating Changes of Kir Channels. <i>Journal of Chemical Information and Modeling</i> , 2015 , 55, 814-22	6.1	19
3	Distinct interactions of Na ⁺ and Ca ²⁺ ions with the selectivity filter of the bacterial sodium channel Na(V)Ab. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 430, 1272-6	3.4	29
2	Computational identification of novel Kir6 channel inhibitors		1
1	Atomistic basis of opening and conduction in mammalian inward rectifier potassium (Kir2.2) channels		2