

# Eva-Maria Zangerl-Plessl

## List of Publications by Citations

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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	Structural basis of control of inward rectifier Kir2 channel gating by bulk anionic phospholipids. <i>Journal of General Physiology</i> , <b>2016</b> , 148, 227-37	3.4	45
14	Distinct interactions of Na <sup>+</sup> and Ca <sup>2+</sup> ions with the selectivity filter of the bacterial sodium channel Na(V)Ab. <i>Biochemical and Biophysical Research Communications</i> , <b>2013</b> , 430, 1272-6	3.4	29
13	Conduction through a narrow inward-rectifier K channel pore. <i>Journal of General Physiology</i> , <b>2019</b> , 151, 1231-1246	3.4	22
12	Molecular Dynamics Simulations of KirBac1.1 Mutants Reveal Global Gating Changes of Kir Channels. <i>Journal of Chemical Information and Modeling</i> , <b>2015</b> , 55, 814-22	6.1	19
11	Atomistic basis of opening and conduction in mammalian inward rectifier potassium (Kir2.2) channels. <i>Journal of General Physiology</i> , <b>2020</b> , 152,	3.4	11
10	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> , <b>2017</b> , 24, 44	13.3	10
9	Disease Associated Mutations in K Proteins Linked to Aberrant Inward Rectifier Channel Trafficking. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	10
8	Toward a Structural View of hERG Activation by the Small-Molecule Activator ICA-105574. <i>Journal of Chemical Information and Modeling</i> , <b>2020</b> , 60, 360-371	6.1	5
7	Molecular Basis of Altered hERG1 Channel Gating Induced by Ginsenoside Rg3. <i>Molecular Pharmacology</i> , <b>2017</b> , 92, 437-450	4.3	4
6	Computational Identification of Novel Kir6 Channel Inhibitors. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 549	5.6	2
5	Atomistic basis of opening and conduction in mammalian inward rectifier potassium (Kir2.2) channels		2
4	Development of I Ion Channel Blockers Targeting Sulfonylurea Resistant Mutant K6.2 Based Channels for Treating DEND Syndrome.. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 814066	5.6	1
3	Computational identification of novel Kir6 channel inhibitors		1
2	A selectivity filter mutation provides insights into gating regulation of a K channel.. <i>Communications Biology</i> , <b>2022</b> , 5, 345	6.7	1
1	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> , <b>2018</b> , 9, 1401	4.6	