

Jacqueline M Gulbis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8182110/publications.pdf>

Version: 2024-02-01

12
papers

7,484
citations

1163117

8
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

5877
citing authors

#	ARTICLE	IF	CITATIONS
1	The Structure of the Potassium Channel: Molecular Basis of K ⁺ Conduction and Selectivity. <i>Science</i> , 1998, 280, 69-77.	12.6	6,408
2	Crystal Structure of the Potassium Channel KirBac1.1 in the Closed State. <i>Science</i> , 2003, 300, 1922-1926.	12.6	763
3	Domain Reorientation and Rotation of an Intracellular Assembly Regulate Conduction in Kir Potassium Channels. <i>Cell</i> , 2010, 141, 1018-1029.	28.9	141
4	BAK core dimers bind lipids and can be bridged by them. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 1024-1031.	8.2	49
5	Potassium channel structures: do they conform?. <i>Current Opinion in Structural Biology</i> , 2004, 14, 440-446.	5.7	31
6	Engineering Protocells: Prospects for Self-Assembly and Nanoscale Production-Lines. <i>Life</i> , 2015, 5, 1019-1053.	2.4	29
7	Structure and function of LGR5: An enigmatic G-protein coupled receptor marking stem cells. <i>Protein Science</i> , 2014, 23, 551-565.	7.6	27
8	A constricted opening in Kir channels does not impede potassium conduction. <i>Nature Communications</i> , 2020, 11, 3024.	12.8	14
9	Ion currents through Kir potassium channels are gated by anionic lipids. <i>Nature Communications</i> , 2022, 13, 490.	12.8	9
10	Changing perspectives on how the permeation pathway through potassium channels is regulated. <i>Journal of Physiology</i> , 2021, 599, 1961-1976.	2.9	7
11	Identification and characterisation of a phospholipid scramblase in the malaria parasite <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 2021, 243, 111374.	1.1	5
12	Editorial overview: Membranes. <i>Current Opinion in Structural Biology</i> , 2016, 39, vii-ix.	5.7	0