

Kalpana Pandey

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

371
citations

840119

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docs citations

20
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	Dimerization deficiency of enigmatic retinitis pigmentosa-linked rhodopsin mutants. <i>Nature Communications</i> , 2016, 7, 12832.	5.8	54
2	Mechanisms of Lipid Scrambling by the G Protein-Coupled Receptor Opsin. <i>Structure</i> , 2018, 26, 356-367.e3.	1.6	54
3	Out-of-the-groove transport of lipids by TMEM16 and GPCR scramblases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7033-E7042.	3.3	49
4	Structural basis of sterol binding and transport by a yeast StARkin domain. <i>Journal of Biological Chemistry</i> , 2018, 293, 5522-5531.	1.6	42
5	Dysregulated calcium homeostasis prevents plasma membrane repair in Anoctamin 5/TMEM16E-deficient patient muscle cells. <i>Cell Death Discovery</i> , 2019, 5, 118.	2.0	28
6	Lipid topogenesis – 35 years on. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 757-766.	1.2	26
7	First Structural Model of Full-Length Human Tissue-Plasminogen Activator: A SAXS Data-Based Modeling Study. <i>Journal of Physical Chemistry B</i> , 2012, 116, 496-502.	1.2	23
8	Scrambling of natural and fluorescently tagged phosphatidylinositol by reconstituted G protein-coupled receptor and TMEM16 scramblases. <i>Journal of Biological Chemistry</i> , 2018, 293, 18318-18327.	1.6	20
9	Low pH Overrides the Need of Calcium Ions for the Shape-Function Relationship of Calmodulin: Resolving Prevailing Debates. <i>Journal of Physical Chemistry B</i> , 2014, 118, 5059-5074.	1.2	18
10	Exchange of water for sterol underlies sterol egress from a StARkin domain. <i>ELife</i> , 2019, 8, .	2.8	18
11	An engineered opsin monomer scrambles phospholipids. <i>Scientific Reports</i> , 2017, 7, 16741.	1.6	14
12	A communication network within the cytoplasmic domain of toll-like receptors has remained conserved during evolution. <i>Journal of Biomolecular Structure and Dynamics</i> , 2014, 32, 694-700.	2.0	9
13	Unusual mode of dimerization of retinitis pigmentosa-associated F220C rhodopsin. <i>Scientific Reports</i> , 2021, 11, 10536.	1.6	7
14	Towards strain-independent anti-influenza peptides: a SAXS- and modeling-based study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2014, 32, 1720-1733.	2.0	4
15	Glutamate binding triggers monomerization of unliganded mGluR2 dimers. <i>Archives of Biochemistry and Biophysics</i> , 2021, 697, 108632.	1.4	3
16	Unstructured loop is essential for the activation of mGluR2. <i>Biochemical and Biophysical Research Communications</i> , 2020, 521, 775-778.	1.0	2
17	A novel assay to measure scrambling of natural phospholipids in reconstituted proteoliposomes. <i>FASEB Journal</i> , 2018, 32, 815.7.	0.2	0