

Kalpana Pandey

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.

17
papers

237
citations

9
h-index

15
g-index

20
ext. papers

316
ext. citations

5.5
avg, IF

2.9
L-index

#	Paper	IF	Citations
17	Unusual mode of dimerization of retinitis pigmentosa-associated F220C rhodopsin. <i>Scientific Reports</i> , 2021 , 11, 10536	4.9	1
16	Glutamate binding triggers monomerization of unliganded mGluR2 dimers. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 697, 108632	4.1	1
15	Unstructured loop is essential for the activation of mGluR2. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 521, 775-778	3.4	2
14	Dysregulated calcium homeostasis prevents plasma membrane repair in Anoctamin 5/TMEM16E-deficient patient muscle cells. <i>Cell Death Discovery</i> , 2019 , 5, 118	6.9	17
13	Exchange of water for sterol underlies sterol egress from a StARkin domain. <i>ELife</i> , 2019 , 8,	8.9	8
12	Structural basis of sterol binding and transport by a yeast StARkin domain. <i>Journal of Biological Chemistry</i> , 2018 , 293, 5522-5531	5.4	31
11	Mechanisms of Lipid Scrambling by the G Protein-Coupled Receptor Opsin. <i>Structure</i> , 2018 , 26, 356-367. 5.3	5.3	35
10	A novel assay to measure scrambling of natural phospholipids in reconstituted proteoliposomes. <i>FASEB Journal</i> , 2018 , 32, 815.7	0.9	
9	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	11.5	30
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	5.4	11
7	An engineered opsin monomer scrambles phospholipids. <i>Scientific Reports</i> , 2017 , 7, 16741	4.9	9
6	Dimerization deficiency of enigmatic retinitis pigmentosa-linked rhodopsin mutants. <i>Nature Communications</i> , 2016 , 7, 12832	17.4	39
5	Lipid topogenesis--35years on. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 757-766	5	18
4	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, 5059-74	3.4	11
3	Towards strain-independent anti-influenza peptides: a SAXS- and modeling-based study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2014 , 32, 1720-33	3.6	1
2	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	3.6	7
1	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	3.4	16

