

Andrey S Kuznetsov

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

199
citations

1307543

7
h-index

1372553

10
g-index

12
all docs

12
docs citations

12
times ranked

301
citing authors

#	ARTICLE	IF	CITATIONS
1	Helix-helix interactions in membrane domains of bitopic proteins: Specificity and role of lipid environment. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 561-576.	2.6	72
2	New Insights into Molecular Organization of Human Neuraminidase-1: Transmembrane Topology and Dimerization Ability. <i>Scientific Reports</i> , 2016, 6, 38363.	3.3	44
3	Adaptable Lipid Matrix Promotes Protein-Protein Association in Membranes. <i>Journal of Chemical Theory and Computation</i> , 2015, 11, 4415-4426.	5.3	21
4	GPR55 Receptor Activation by the N-Acyl Dopamine Family Lipids Induces Apoptosis in Cancer Cells via the Nitric Oxide Synthase (nNOS) Over-Stimulation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 622.	4.1	13
5	Transmembrane Peptides as a New Strategy to Inhibit Neuraminidase-1 Activation. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 611121.	3.7	11
6	Probing the effect of membrane contents on transmembrane protein-protein interaction using solution NMR and computer simulations. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2486-2498.	2.6	10
7	Atomistic mechanism of the constitutive activation of PDGFRA via its transmembrane domain. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 82-95.	2.4	8
8	Interaction of linear cationic peptides with phospholipid membranes and polymers of sialic acid. <i>Biochemistry (Moscow)</i> , 2014, 79, 459-468.	1.5	7
9	Role of the Lipid Environment in the Dimerization of Transmembrane Domains of Glycophorin A. <i>Acta Naturae</i> , 2015, 7, 122-127.	1.7	7
10	Dimeric states of transmembrane domains of insulin and IGF-1R receptors: Structures and possible role in activation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183417.	2.6	6
11	Molecular modeling of biomembranes and their complexes with protein transmembrane α -helices. <i>AIP Conference Proceedings</i> , 2017, . .	0.4	0
12	Dynamic α -Molecular Portraits of Proteins and Cell Membranes: A Computational View. <i>Biophysical Journal</i> , 2019, 116, 205a.	0.5	0