

Chetan S Poojari

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,008
citations

471509

17
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

1760
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid Droplets Embedded in a Model Cell Membrane Create a Phospholipid Diffusion Barrier. <i>Small</i> , 2022, 18, e2106524.	10.0	9
2	Is Lipid Specificity Key to the Potential Antiviral Activity of Mouthwash Reagent Chlorhexidine against SARS-CoV-2?. <i>Membranes</i> , 2022, 12, 616.	3.0	2
3	Free energies of membrane stalk formation from a lipidomics perspective. <i>Nature Communications</i> , 2021, 12, 6594.	12.8	41
4	Complexity of seemingly simple lipid nanodiscs. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183420.	2.6	22
5	Cryo-EM structure of the complete and ligand-saturated insulin receptor ectodomain. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	84
6	Cooperative Effects of an Antifungal Moiety and DMSO on Pore Formation over Lipid Membranes Revealed by Free Energy Calculations. <i>Journal of Physical Chemistry B</i> , 2020, 124, 8811-8821.	2.6	6
7	Cholesterol Reduces Partitioning of Antifungal Drug Itraconazole into Lipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2020, 124, 2139-2148.	2.6	12
8	Computer simulations of proteinâ€‘membrane systems. <i>Progress in Molecular Biology and Translational Science</i> , 2020, 170, 273-403.	1.7	31
9	Role of Oxidized Gly25, Gly29, and Gly33 Residues on the Interactions of AÎ²₁₋₄₂ with Lipid Membranes. <i>ACS Chemical Neuroscience</i> , 2020, 11, 535-548.	3.5	9
10	Mechanism of homodimeric cytokine receptor activation and dysregulation by oncogenic mutations. <i>Science</i> , 2020, 367, 643-652.	12.6	123
11	Cholesteryl Hemisuccinate Is Not a Good Replacement for Cholesterol in Lipid Nanodiscs. <i>Journal of Physical Chemistry B</i> , 2019, 123, 9839-9845.	2.6	18
12	Behavior of the DPH fluorescence probe in membranes perturbed by drugs. <i>Chemistry and Physics of Lipids</i> , 2019, 223, 104784.	3.2	47
13	Itraconazole Perturbs Behavior of Fluorescent Probes in Lipid Bilayer. <i>Biophysical Journal</i> , 2019, 116, 81a.	0.5	0
14	New Paradigms for the Mechanisms of Thrombopoietin Receptor Activation and Dysregulation By the JAK2V617F Mutation. <i>Blood</i> , 2019, 134, 2962-2962.	1.4	0
15	Physiologically-relevant levels of sphingomyelin, but not GM1, induces a Î²-sheet-rich structure in the amyloid-Î²(1-42) monomer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1709-1720.	2.6	22
16	Structural insights from lipid-bilayer nanodiscs link Î±-Synuclein membrane-binding modes to amyloid fibril formation. <i>Communications Biology</i> , 2018, 1, 44.	4.4	79
17	Effects of Membrane PEGylation on Entry and Location of Antifungal Drug Itraconazole and Their Pharmacological Implications. <i>Molecular Pharmaceutics</i> , 2017, 14, 1057-1070.	4.6	19
18	Glycansâ€‘Tools for Preparing Carbohydrate Structures for Atomistic Simulations of Glycoproteins, Glycolipids, and Carbohydrate Polymers for GROMACS. <i>Journal of Chemical Information and Modeling</i> , 2017, 57, 2401-2406.	5.4	71

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19	Key steps in unconventional secretion of fibroblast growth factor 2 reconstituted with purified components. <i>ELife</i> , 2017, 6, .	6.0	63
20	Structural features determining thermal adaptation of esterases. <i>Protein Engineering, Design and Selection</i> , 2016, 29, 65-76.	2.1	46
21	Membrane Permeation Induced by Aggregates of Human Islet Amyloid Polypeptides. <i>Biophysical Journal</i> , 2013, 105, 2323-2332.	0.5	39
22	Structure-phenotype correlations of human CYP21A2 mutations in congenital adrenal hyperplasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2605-2610.	7.1	107
23	How the amyloid- β peptide and membranes affect each other: An extensive simulation study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 327-339.	2.6	66
24	Stability of Transmembrane Amyloid β -Peptide and Membrane Integrity Tested by Molecular Modeling of Site-Specific A β 42 Mutations. <i>PLoS ONE</i> , 2013, 8, e78399.	2.5	27
25	Molecular Docking Studies of Curcumin Derivatives with Multiple Protein Targets for Procarcinogen Activating Enzyme Inhibition. <i>Journal of Proteomics and Bioinformatics</i> , 2010, 03, 200-203.	0.4	21
26	Molecular Modeling on Inhibitor Complexes and Active-Site Dynamics of Cytochrome P450 C17, a Target for Prostate Cancer Therapy. <i>Journal of Molecular Biology</i> , 2010, 400, 1078-1098.	4.2	25
27	MPI-LIT: a literature-curated dataset of microbial binary protein-protein interactions. <i>Bioinformatics</i> , 2008, 24, 2622-2627.	4.1	15