

Kalyan Immadisetty

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

174
citations

1307594

7
h-index

1281871

11
g-index

23
all docs

23
docs citations

23
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	An investigation of the YidC-mediated membrane insertion of Pf3 coat protein using molecular dynamics simulations. <i>Biophysical Journal</i> , 2022, 121, 324a.	0.5	0
2	Modulation of P2X4 pore closure by magnesium, potassium, and ATP. <i>Biophysical Journal</i> , 2022, 121, 1134-1142.	0.5	2
3	Elucidating the molecular basis of spontaneous activation in an engineered mechanosensitive channel. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 2539-2550.	4.1	5
4	Conformational Transition Pathway of GkPOT. <i>Biophysical Journal</i> , 2021, 120, 304a.	0.5	0
5	Pathogenic variants in TNNC2 cause congenital myopathy due to an impaired force response to calcium. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	11
6	Structural Changes beyond the EF-Hand Contribute to Apparent Calcium Binding Affinities: Insights from Parvalbumins. <i>Journal of Physical Chemistry B</i> , 2021, 125, 6390-6405.	2.6	11
7	Mechanistic Picture for Chemomechanical Coupling in a Bacterial Proton-Coupled Oligopeptide Transporter from <i>Streptococcus Thermophilus</i> . <i>Journal of Physical Chemistry B</i> , 2021, 125, 9738-9750.	2.6	2
8	Long QT Syndrome Type 2: Emerging Strategies for Correcting Class 2 KCNH2 (hERG) Mutations and Identifying New Patients. <i>Biomolecules</i> , 2020, 10, 1144.	4.0	23
9	An Investigation of the YidC-Mediated Membrane Insertion of a Pf3 Coat Protein Using MD Simulations. <i>Biophysical Journal</i> , 2020, 118, 365a.	0.5	1
10	The Role of a Crystallographically Unresolved Cytoplasmic Loop in Stabilizing the Bacterial Membrane Insertase YidC2. <i>Scientific Reports</i> , 2019, 9, 14451.	3.3	9
11	Lipid-Dependent Alternating Access Mechanism of a Bacterial Multidrug ABC Exporter. <i>ACS Central Science</i> , 2019, 5, 43-56.	11.3	35
12	What Can and Cannot Be Learned from Molecular Dynamics Simulations of Bacterial Proton-Coupled Oligopeptide Transporter GkPOT?. <i>Journal of Physical Chemistry B</i> , 2017, 121, 3644-3656.	2.6	27
13	New design strategies for antidepressant drugs. <i>Expert Opinion on Drug Discovery</i> , 2013, 8, 1399-1414.	5.0	19
14	A Review of Monoamine Transporter-Ligand Interactions. <i>Current Computer-Aided Drug Design</i> , 2013, 9, 556-568.	1.2	19