

Kalyan Immadisetty

List of Publications by Year in descending order

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1307594

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1281871

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23
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23
docs citations

23
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234
citing authors

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