

Hossein Mohammadiarani

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

128
citations

1307594

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h-index

1474206

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12
all docs

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docs citations

12
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	Interpreting Hydrogenâ€“Deuterium Exchange Events in Proteins Using Atomistic Simulations: Case Studies on Regulators of G-Protein Signaling Proteins. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9314-9323.	2.6	30
2	Molecular Dynamics Simulation to Uncover the Mechanisms of Protein Instability During Freezing. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 2457-2471.	3.3	22
3	Differential Protein Dynamics of Regulators of G-Protein Signaling: Role in Specificity of Small-Molecule Inhibitors. <i>Journal of the American Chemical Society</i> , 2018, 140, 3454-3460.	13.7	21
4	Artificial neural networks in tandem with molecular descriptors as predictive tools for continuous liposome manufacturing. <i>International Journal of Pharmaceutics</i> , 2021, 603, 120713.	5.2	16
5	Interplay of cysteine exposure and global protein dynamics in smallâ€“molecule recognition by a regulator of Gâ€“protein signaling protein. <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, 146-156.	2.6	13
6	All-Atom Structural Models of the Transmembrane Domains of Insulin and Type 1 Insulin-Like Growth Factor Receptors. <i>Frontiers in Endocrinology</i> , 2016, 7, 68.	3.5	12
7	Insulin mimetic peptide S371 folds into a helical structure. <i>Journal of Computational Chemistry</i> , 2017, 38, 1158-1166.	3.3	9
8	Liposome-based measurement of light-driven chloride transport kinetics of halorhodopsin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183637.	2.6	4
9	Measuring Transport Kinetics of Light Driven Membrane Protein, Halorhodopsin. <i>Biophysical Journal</i> , 2018, 114, 146a.	0.5	1
10	All-Atom Structural Models of the Transmembrane Domains of Insulin Receptor and Type-1 Insulin-Like Growth Factor Receptor. <i>Biophysical Journal</i> , 2016, 110, 58a.	0.5	0
11	Conformational Evolution of Three Regulator of G-Protein Signaling Proteins (RGS4, RGS8, RGS19) in Microsecond-Scale Simulations. <i>Biophysical Journal</i> , 2017, 112, 353a-354a.	0.5	0
12	Cover Image, Volume 87, Issue 2. <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, C1.	2.6	0