Hossein Mohammadiarani

List of Publications by Year
in descending order

12	128	1307594 7	1474206 9
papers	citations	h-index	g-index

12	12	12	211
all docs	docs citations	times ranked	citing authors

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