Asghar M Razavi

List of Publications by Year
in descending order

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10 papers	312 citations	1040056 9 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	505 citing authors

#	Article	IF	Citations
1	Use of paramagnetic 19F NMR to monitor domain movement in a glutamate transporter homolog. Nature Chemical Biology, 2020, 16, 1006-1012.	8.0	31
2	Mechanisms of Lipid Scrambling by the G Protein-Coupled Receptor Opsin. Structure, 2018, 26, 356-367.e3.	3.3	54
3	How structural elements evolving from bacterial to human SLC6 transporters enabled new functional properties. BMC Biology, 2018, 16, 31.	3.8	34
4	Thermodynamic Coupling Function Analysis of Allosteric Mechanisms in the Human Dopamine Transporter. Biophysical Journal, 2018, 114, 10-14.	0.5	18
5	Graphic Encoding of Macromolecules for Efficient High-Throughput Analysis. , 2018, , .		4
6	A Markov State-based Quantitative Kinetic Model of Sodium Release from the Dopamine Transporter. Scientific Reports, 2017, 7, 40076.	3.3	63
7	Molecular simulations and free-energy calculations suggest conformation-dependent anion binding to a cytoplasmic site as a mechanism for Na+/K+-ATPase ion selectivity. Journal of Biological Chemistry, 2017, 292, 12412-12423.	3.4	12
8	Kinetic Network Models of Tryptophan Mutations in Î²-Hairpins Reveal the Importance of Non-Native Interactions. Journal of Chemical Theory and Computation, 2015, 11, 2801-2812.	5.3	27
9	Surprisal Metrics for Quantifying Perturbed Conformational Dynamics in Markov State Models. Journal of Chemical Theory and Computation, 2014, 10, 5716-5728.	5.3	22
10	Computational Screening and Selection of Cyclic Peptide Hairpin Mimetics by Molecular Simulation and Kinetic Network Models. Journal of Chemical Information and Modeling, 2014, 54, 1425-1432.	5.4	47