

Asghar M Razavi

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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11
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505
citing authors

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