

Shubhadip Das

List of Publications by Year in descending order

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9
papers

145
citations

1478280

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1474057

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all docs

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docs citations

9
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of Hydrotropic Action of Hydrotrope Sodium Cumene Sulfonate on the Solubility of Di-t-Butyl-Methane: A Molecular Dynamics Simulation Study. <i>Journal of Physical Chemistry B</i> , 2016, 120, 173-183.	1.2	36
2	Hydrotropic Solubilization of Sparingly Soluble Riboflavin Drug Molecule in Aqueous Nicotinamide Solution. <i>Journal of Physical Chemistry B</i> , 2017, 121, 8774-8785.	1.2	22
3	How Alcoholic Disinfectants Affect Coronavirus Model Membranes: Membrane Fluidity, Permeability, and Disintegration. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10374-10385.	1.2	22
4	Computer Simulation Studies of the Mechanism of Hydrotrope-Assisted Solubilization of a Sparingly Soluble Drug Molecule. <i>Journal of Physical Chemistry B</i> , 2016, 120, 3540-3550.	1.2	20
5	Exploring Molecular Insights into Aggregation of Hydrotrope Sodium Cumene Sulfonate in Aqueous Solution: A Molecular Dynamics Simulation Study. <i>Journal of Physical Chemistry B</i> , 2015, 119, 3142-3154.	1.2	15
6	Hydrotropic Action of Cationic Hydrotrope p-Toluidinium Chloride on the Solubility of Sparingly Soluble Gliclazide Drug Molecule: A Computational Study. <i>Journal of Chemical Information and Modeling</i> , 2017, 57, 1461-1473.	2.5	15
7	Exploring the binding sites and binding mechanism for hydrotrope encapsulated griseofulvin drug on β -tubulin protein. <i>PLoS ONE</i> , 2018, 13, e0190209.	1.1	6
8	How Ethanolic Disinfectants Disintegrate Coronavirus Model Membranes: A Dissipative Particle Dynamics Simulation Study. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 2597-2615.	2.3	5
9	The role of the envelope protein in the stability of a coronavirus model membrane against an ethanolic disinfectant. <i>Journal of Chemical Physics</i> , 2021, 154, 245101.	1.2	4