

Suman Das

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

593
citations

13
h-index

20
g-index

20
ext. papers

738
ext. citations

3.4
avg, IF

4.6
L-index

#	Paper	IF	Citations
17	Interaction and dynamics of (alkylamide + electrolyte) deep eutectics: dependence on alkyl chain-length, temperature, and anion identity. <i>Journal of Chemical Physics</i> , 2014 , 140, 104514	3.9	75
16	Coarse-grained residue-based models of disordered protein condensates: utility and limitations of simple charge pattern parameters. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 28558-28574	3.6	63
15	A Lattice Model of Charge-Pattern-Dependent Polyampholyte Phase Separation. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 5418-5431	3.4	62
14	Comparative roles of charge, , and hydrophobic interactions in sequence-dependent phase separation of intrinsically disordered proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 28795-28805	11.5	56
13	Density relaxation and particle motion characteristics in a non-ionic deep eutectic solvent (acetamide + urea): time-resolved fluorescence measurements and all-atom molecular dynamics simulations. <i>Journal of Chemical Physics</i> , 2015 , 142, 034505	3.9	56
12	Reorientational jump dynamics and its connections to hydrogen bond relaxation in molten acetamide: an all-atom molecular dynamics simulation study. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 274-83	3.4	53
11	Orientalional Jumps in (Acetamide + Electrolyte) Deep Eutectics: Anion Dependence. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 11157-68	3.4	51
10	Fast fluctuations in deep eutectic melts: Multi-probe fluorescence measurements and all-atom molecular dynamics simulation study. <i>Chemical Physics Letters</i> , 2013 , 581, 47-51	2.5	42
9	Dielectric relaxation in acetamide + urea deep eutectics and neat molten urea: Origin of time scales via temperature dependent measurements and computer simulations. <i>Journal of Chemical Physics</i> , 2018 , 149, 124501	3.9	26
8	Collective dynamic dipole moment and orientation fluctuations, cooperative hydrogen bond relaxations, and their connections to dielectric relaxation in ionic acetamide deep eutectics: Microscopic insight from simulations. <i>Journal of Chemical Physics</i> , 2016 , 145, 084504	3.9	24
7	Analytical Theory for Sequence-Specific Binary Fuzzy Complexes of Charged Intrinsically Disordered Proteins. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 6709-6720	3.4	21
6	Microstructures and their lifetimes in acetamide/electrolyte deep eutectics: anion dependence. <i>Journal of Chemical Sciences</i> , 2017 , 129, 939-951	1.8	15
5	Orientalional dynamics in a room temperature ionic liquid: Are angular jumps predominant?. <i>Journal of Chemical Physics</i> , 2018 , 148, 193839	3.9	13
4	A Simple Explicit-Solvent Model of Polyampholyte Phase Behaviors and Its Ramifications for Dielectric Effects in Biomolecular Condensates. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 4337-4358	3.4	12
3	Subcompartmentalization of polyampholyte species in organelle-like condensates is promoted by charge-pattern mismatch and strong excluded-volume interaction. <i>Physical Review E</i> , 2021 , 103, 042406	2.4	11
2	Heterogeneous dynamics, correlated time and length scales in ionic deep eutectics: Anion and temperature dependence. <i>Journal of Chemical Physics</i> , 2020 , 153, 234502	3.9	8
1	Temperature-Dependent Dielectric Relaxation in Ionic Acetamide Deep Eutectics: Partial Viscosity Decoupling and Explanations from the Simulated Single-Particle Reorientation Dynamics and Hydrogen-Bond Fluctuations. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 12552-12567	3.4	2

