Pritam Ganguly

List of Publications by Year
in descending order

19 papers	1,557 citations	567144 15 h-index	752573 20 g-index
20 all docs	20 docs citations	20 times ranked	1839 citing authors

#	ARTICLE	IF	CITATIONS
1	Amyloid Oligomers: A Joint Experimental/Computational Perspective on Alzheimer's Disease, Parkinson's Disease, Type II Diabetes, and Amyotrophic Lateral Sclerosis. Chemical Reviews, 2021, 121, 2545-2647.	23.0	406
2	Systematic coarse-graining methods for soft matter simulations – a review. Soft Matter, 2013, 9, 2108-2119.	1.2	301
3	Convergence of Sampling Kirkwood–Buff Integrals of Aqueous Solutions with Molecular Dynamics Simulations. Journal of Chemical Theory and Computation, 2013, 9, 1347-1355.	2.3	147
4	Tau Assembly: The Dominant Role of PHF6 (VQIVYK) in Microtubule Binding Region Repeat R3. Journal of Physical Chemistry B, 2015, 119, 4582-4593.	1.2	134
5	Trimethylamine N-oxide Counteracts Urea Denaturation by Inhibiting Protein–Urea Preferential Interaction. Journal of the American Chemical Society, 2018, 140, 483-492.	6.6	94
6	Mutual Exclusion of Urea and Trimethylamine N-Oxide from Amino Acids in Mixed Solvent Environment. Journal of Physical Chemistry Letters, 2015, 6, 581-585.	2.1	72
7	Signature of an aggregation-prone conformation of tau. Scientific Reports, 2017, 7, 44739.	1.6	69
8	Kirkwood–Buff Coarse-Grained Force Fields for Aqueous Solutions. Journal of Chemical Theory and Computation, 2012, 8, 1802-1807.	2.3	62
9	Protein Stability in TMAO and Mixed Urea–TMAO Solutions. Journal of Physical Chemistry B, 2020, 124, 6181-6197.	1.2	50
10	Ion Pairing in Aqueous Electrolyte Solutions with Biologically Relevant Anions. Journal of Physical Chemistry B, 2011, 115, 3734-3739.	1.2	46
11	Hydrophobic Association in Mixed Urea–TMAO Solutions. Journal of Physical Chemistry Letters, 2016, 7, 3052-3059.	2.1	44
12	Representability and Transferability of Kirkwood–Buff Iterative Boltzmann Inversion Models for Multicomponent Aqueous Systems. Journal of Chemical Theory and Computation, 2013, 9, 5247-5256.	2.3	34
13	Distinct and Nonadditive Effects of Urea and Guanidinium Chloride on Peptide Solvation. Journal of Physical Chemistry Letters, 2019, 10, 7406-7413.	2.1	23
14	Enthalpy–Entropy of Cation Association with the Acetate Anion in Water. Journal of Chemical Theory and Computation, 2012, 8, 3804-3809.	2.3	18
15	Terminal Capping of an Amyloidogenic Tau Fragment Modulates Its Fibrillation Propensity. Journal of Physical Chemistry B, 2020, 124, 8772-8783.	1.2	17
16	Molecular Simulation Study on Hofmeister Cations and the Aqueous Solubility of Benzene. Journal of Physical Chemistry B, 2014, 118, 5331-5339.	1.2	15
17	ADD Force Field for Sugars and Polyols: Predicting the Additivity of Protein–Osmolyte Interaction. Journal of Physical Chemistry B, 2020, 124, 7779-7790.	1.2	11
18	Catalytic Cross Talk between Key Peptide Fragments That Couple Alzheimer's Disease with Amyotrophic Lateral Sclerosis. Journal of the American Chemical Society, 2021, 143, 3494-3502.	6.6	10

#	Article	IF	Citations
19	A Transfer Free Energy Based Implicit Solvent Model for Protein Simulations in Solvent Mixtures: Urea-Induced Denaturation as a Case Study. Journal of Physical Chemistry B, 2022, 126, 4472-4482.	1.2	3