Jiangtao Lei

List of Publications by Year in descending order

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13 papers	371 citations	933447 10 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	580 citing authors

#	Article	IF	Citations
1	Temperatureâ€Dependent Terahertz Spectra of Isonicotinamide in the Form I Studied Using the Quasiâ€Harmonic Approximation. ChemPhysChem, 2022, 23, .	2.1	4
2	Deciphering the mechanisms of HPV E6 mutations in the destabilization of E6/E6AP/p53 complex. Biophysical Journal, 2022, 121, 1704-1714.	0.5	4
3	Molecular dynamics study on the inhibition mechanisms of ReACp53 peptide for p53â€“R175H mutant aggregation. Physical Chemistry Chemical Physics, 2021, 23, 23032-23041.	2.8	6
4	Common cancer mutations R175H and R273H drive the p53 DNA-binding domain towards aggregation-prone conformations. Physical Chemistry Chemical Physics, 2020, 22, 9225-9232.	2.8	21
5	Investigation of the Dissociation Mechanism of Single-Walled Carbon Nanotube on Mature Amyloid-Î² Fibrils at Single Nanotube Level. Journal of Physical Chemistry B, 2020, 124, 3459-3468.	2.6	13
6	Mechanistic insight into E22Q-mutation-induced antiparallel-to-parallel Î²-sheet transition of AÎ²_{16â^22}fibrils: an all-atom simulation study. Physical Chemistry Chemical Physics, 2019, 21, 15686-15694.	2.8	18
7	Molecular dynamics simulations reveal the mechanism of graphene oxide nanosheet inhibition of AÎ²_{1â€42} peptide aggregation. Physical Chemistry Chemical Physics, 2019, 21, 10981-10991.	2.8	48
8	Conformational stability and dynamics of the cancerâ€associated isoform Î”133p53Î² are modulated by p53 peptides and p53â€specific DNA. FASEB Journal, 2019, 33, 4225-4235.	0.5	22
9	Structural Polymorphism in a Self-Assembled Tri-Aromatic Peptide System. ACS Nano, 2018, 12, 3253-3262.	14.6	72
10	The Inhibitory Effect of Hydroxylated Carbon Nanotubes on the Aggregation of Human Islet Amyloid Polypeptide Revealed by a Combined Computational and Experimental Study. ACS Chemical Neuroscience, 2018, 9, 2741-2752.	3.5	49
11	Inhibitory effect of hydrophobic fullerenes on the Î²-sheet-rich oligomers of a hydrophilic GNNQQNY peptide revealed by atomistic simulations. RSC Advances, 2017, 7, 13947-13956.	3.6	12
12	Conformational Ensemble of hIAPP Dimer: Insight into the Molecular Mechanism by which a Green Tea Extract inhibits hIAPP Aggregation. Scientific Reports, 2016, 6, 33076.	3.3	79
13	Self-aggregation and coaggregation of the p53 core fragment with its aggregation gatekeeper variant. Physical Chemistry Chemical Physics, 2016, 18, 8098-8107.	2.8	23