

Jiangtao Lei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9645190/publications.pdf>

Version: 2024-02-01

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