

Hui-Yu Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Carbon Nanotube Inhibits the Formation of β -Sheet-Rich Oligomers of the Alzheimer's Amyloid- β (16-22) Peptide. <i>Biophysical Journal</i> , 2011, 101, 2267-2276.	0.5	168
2	Spatially confined synthesis of a flexible and hierarchically porous three-dimensional graphene/FeP hollow nanosphere composite anode for highly efficient and ultrastable potassium ion storage. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3369-3378.	10.3	58
3	Rational design of novel ultra-small amorphous Fe ₂ O ₃ nanodots/graphene heterostructures for all-solid-state asymmetric supercapacitors. <i>Nano Research</i> , 2021, 14, 953-960.	10.4	51
4	Effects of Hydroxylated Carbon Nanotubes on the Aggregation of A β 16-22 Peptides: A Combined Simulation and Experimental Study. <i>Biophysical Journal</i> , 2014, 107, 1930-1938.	0.5	42
5	Exploring the Mechanism of Inhibition of Au Nanoparticles on the Aggregation of Amyloid- β (16-22) Peptides at the Atom Level by All-Atom Molecular Dynamics. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1815.	4.1	35
6	D3DistalMutation: a Database to Explore the Effect of Distal Mutations on Enzyme Activity. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 2499-2508.	5.4	11
7	Carbon nanotube prevents the secondary structure formation of amyloid- β trimers: an all-atom molecular dynamics study. <i>Molecular Simulation</i> , 2017, 43, 1189-1195.	2.0	10
8	Structural Insight into the Interactions between Structurally Similar Inhibitors and SIRT6. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2601.	4.1	10
9	Variation of Vortex Charges in Hole Over-Doped High-Temperature Superconductors with Competing Anti-Ferromagnetic and d-Wave Superconducting Order. <i>Journal of Low Temperature Physics</i> , 2013, 170, 91-98.	1.4	5
10	Effects of the RGTFEQK Inhibitor on the Structures of the Transmembrane Fragment 70-86 of Glycophorin A: An All-Atom Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , 2010, 114, 1004-1009.	2.6	4
11	Molecular dynamics simulations reveal the mechanism of the interactions between the inhibitors and SIRT2 at atom level. <i>Molecular Simulation</i> , 2020, 46, 638-649.	2.0	4
12	Molecular Dynamics Simulations Reveal the Modulated Mechanism of STING Conformation. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021, 13, 751-765.	3.6	3
13	Three-dimensional graphene encapsulated hollow CoSe ₂ -SnSe ₂ nanoboxes for high performance asymmetric supercapacitors. <i>Nanotechnology</i> , 2022, 33, 165602.	2.6	3
14	Interactive Mechanism of Potential Inhibitors with Glycosyl for SARS-CoV-2 by Molecular Dynamics Simulation. <i>Processes</i> , 2021, 9, 1749.	2.8	0
15	4-Chloro-3,5-dimethoxyacetanilide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1078-o1078.	0.2	0