

Yichang Liu

List of Publications by Year in descending order

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14
papers

433
citations

932766

10
h-index

1058022

14
g-index

14
all docs

14
docs citations

14
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	Bispecific Aptamer Induced Artificial Protein-Pairing: A Strategy for Selective Inhibition of Receptor Function. <i>Journal of the American Chemical Society</i> , 2019, 141, 12673-12681.	6.6	102
2	Self-Assembled and Size-Controllable Oligonucleotide Nanospheres for Effective Antisense Gene Delivery through an Endocytosis-Independent Pathway. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5236-5240.	7.2	97
3	Water desalination across multilayer graphitic carbon nitride membrane: Insights from non-equilibrium molecular dynamics simulations. <i>Carbon</i> , 2018, 140, 131-138.	5.4	75
4	Molecular dynamics simulation-directed rational design of nanoporous graphitic carbon nitride membranes for water desalination. <i>Journal of Membrane Science</i> , 2021, 620, 118869.	4.1	30
5	Hexagonal boron nitride with nanoslits as a membrane for water desalination: A molecular dynamics investigation. <i>Separation and Purification Technology</i> , 2020, 251, 117409.	3.9	27
6	Self-Assembled and Size-Controllable Oligonucleotide Nanospheres for Effective Antisense Gene Delivery through an Endocytosis-Independent Pathway. <i>Angewandte Chemie</i> , 2019, 131, 5290-5294.	1.6	23
7	Cryo-electron Microscopy Structure of the Swine Acute Diarrhea Syndrome Coronavirus Spike Glycoprotein Provides Insights into Evolution of Unique Coronavirus Spike Proteins. <i>Journal of Virology</i> , 2020, 94, .	1.5	17
8	Probing the interactions of phthalocyanine-based photosensitizers with model phospholipid bilayer by molecular dynamics simulations. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 764-770.	0.4	13
9	siRNA-Based Carrier-Free System for Synergistic Chemo/Chemodynamic/RNAi Therapy of Drug-Resistant Tumors. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 361-372.	4.0	13
10	Insights into the binding mechanism of BODIPY-based photosensitizers to human serum albumin: A combined experimental and computational study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 203, 158-165.	2.0	12
11	Using porphyrins as albumin-binding molecules to enhance antitumor efficacies and reduce systemic toxicities of antimicrobial peptides. <i>European Journal of Medicinal Chemistry</i> , 2021, 217, 113382.	2.6	9
12	Unveiling the molecular mechanism of pH-dependent interactions of human serum albumin with chemotherapeutic agent doxorubicin: A combined spectroscopic and constant-pH molecular dynamics study. <i>Journal of Molecular Liquids</i> , 2021, 333, 115949.	2.3	9
13	Role of hydrophobic residues for the gaseous formation of helical motifs. <i>Chemical Communications</i> , 2019, 55, 5147-5150.	2.2	3
14	Transport behavior of water and ions through positively charged nanopores. <i>Journal of Molecular Liquids</i> , 2022, 360, 119546.	2.3	3