Jinyu Li

List of Publications by Year in descending order

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48 papers	929 citations	516710 16 h-index	501196 28 g-index
50 all docs	50 docs citations	50 times ranked	1326 citing authors

#	Article	IF	Citations
1	Enhanced clot lysis by a single point mutation in a reteplase variant. British Journal of Haematology, 2022, 196, 1076-1085.	2.5	3
2	Flavonoids as Protein Disulfide Isomerase Inhibitors: Key Molecular and Structural Features for the Interaction. Journal of Agricultural and Food Chemistry, 2022, 70, 4475-4483.	5.2	8
3	Discovery of a novel Aurora B inhibitor GSK650394 with potent anticancer and anti-aspergillus fumigatus dual efficacies inÂvitro. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 109-117.	5.2	9
4	siRNA-Based Carrier-Free System for Synergistic Chemo/Chemodynamic/RNAi Therapy of Drug-Resistant Tumors. ACS Applied Materials & Interfaces, 2022, 14, 361-372.	8.0	13
5	Identification of Antithrombotic Natural Products Targeting the Major Substrate Binding Pocket of Protein Disulfide Isomerase. Journal of Natural Products, 2022, 85, 1332-1339.	3.0	3
6	Molecular and Supramolecular Approach to Highly Photocytotoxic Phthalocyanines with Dual Cell Uptake Pathways and Albumin-Enhanced Tumor Targeting. ACS Applied Materials & Interfaces, 2022, 14, 28581-28590.	8.0	4
7	Using porphyrins as albumin-binding molecules to enhance antitumor efficacies and reduce systemic toxicities of antimicrobial peptides. European Journal of Medicinal Chemistry, 2021, 217, 113382.	5.5	9
8	The search for inhibitors of macrodomains for targeting the readers and erasers of mono-ADP-ribosylation. Drug Discovery Today, 2021, 26, 2547-2558.	6.4	12
9	A supramolecular nanocarrier for efficient cancer imaging and therapy by targeting at matriptase. Journal of Controlled Release, 2021, 334, 153-163.	9.9	3
10	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. Journal of Molecular Liquids, 2021, 333, 115949.	4.9	9
11	Enhanced Sampling Approach to the Induced-Fit Docking Problem in Proteinâ€“Ligand Binding: The Case of Mono-ADP-Ribosylation Hydrolase Inhibitors. Journal of Chemical Theory and Computation, 2021, 17, 7899-7911.	5.3	17
12	Cryo-electron Microscopy Structure of the Swine Acute Diarrhea Syndrome Coronavirus Spike Glycoprotein Provides Insights into Evolution of Unique Coronavirus Spike Proteins. Journal of Virology, 2020, 94, .	3.4	17
13	Crystal Structures of Human C4.4A Reveal the Unique Association of Ly6/uPAR/Î±-neurotoxin Domain. International Journal of Biological Sciences, 2020, 16, 981-993.	6.4	4
14	Noncovalent Indocyanine Green Conjugate of C-Phycocyanin: Preparation and Tumor-Associated Macrophages-Targeted Photothermal Therapeutics. Bioconjugate Chemistry, 2020, 31, 1438-1448.	3.6	15
15	Bispecific Aptamer Induced Artificial Protein-Pairing: A Strategy for Selective Inhibition of Receptor Function. Journal of the American Chemical Society, 2019, 141, 12673-12681.	13.7	102
16	Solution Structure of SpoIVB Reveals Mechanism of PDZ Domain-Regulated Protease Activity. Frontiers in Microbiology, 2019, 10, 1232.	3.5	3
17	Structural basis of sequence-specific Holliday junction cleavage by MOC1. Nature Chemical Biology, 2019, 15, 1241-1248.	8.0	21
18	Specifically targeting cancer proliferation and metastasis processes: the development of matriptase inhibitors. Cancer and Metastasis Reviews, 2019, 38, 507-524.	5.9	14

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19	Suppression of Tumor Growth and Metastases by Targeted Intervention in Urokinase Activity with Cyclic Peptides. Journal of Medicinal Chemistry, 2019, 62, 2172-2183.	6.4	12
20	A novel tumor and mitochondria dual-targeted photosensitizer showing ultra-efficient photodynamic anticancer activities. Chemical Communications, 2019, 55, 866-869.	4.1	39
21	Crystal structure of the unoccupied murine urokinaseâ€type plasminogen activator receptor (<scp>uPAR</scp>) reveals a tightly packed DIIâ€“DIII unit. FEBS Letters, 2019, 593, 1236-1247.	2.8	4
22	Role of hydrophobic residues for the gaseous formation of helical motifs. Chemical Communications, 2019, 55, 5147-5150.	4.1	3
23	Selfâ€Assembled and Sizeâ€Controllable Oligonucleotide Nanospheres for Effective Antisense Gene Delivery through an Endocytosisâ€Independent Pathway. Angewandte Chemie - International Edition, 2019, 58, 5236-5240.	13.8	97
24	Selfâ€Assembled and Sizeâ€Controllable Oligonucleotide Nanospheres for Effective Antisense Gene Delivery through an Endocytosisâ€Independent Pathway. Angewandte Chemie, 2019, 131, 5290-5294.	2.0	23
25	tPA Point Mutation at Autolysis Loop Enhances Resistance to PAI-1 Inhibition and Catalytic Activity. Thrombosis and Haemostasis, 2019, 119, 077-086.	3.4	8
26	Switch in Relative Stability between cis and trans 2-Butene on Pt(111) as a Function of Experimental Conditions: A Density Functional Theory Study. ACS Catalysis, 2018, 8, 3067-3075.	11.2	8
27	Smart Photosensitizer: Tumor-Triggered Oncotherapy by Self-Assembly Photodynamic Nanodots. ACS Applied Materials & Interfaces, 2018, 10, 15369-15380.	8.0	34
28	Probing the interactions of phthalocyanine-based photosensitizers with model phospholipid bilayer by molecular dynamics simulations. Journal of Porphyrins and Phthalocyanines, 2018, 22, 764-770.	0.8	13
29	Nucleolar-nucleoplasmic shuttling of TARG1 and its control by DNA damage-induced poly-ADP-ribosylation and by nucleolar transcription. Scientific Reports, 2018, 8, 6748.	3.3	32
30	Water desalination across multilayer graphitic carbon nitride membrane: Insights from non-equilibrium molecular dynamics simulations. Carbon, 2018, 140, 131-138.	10.3	75
31	Insights into the binding mechanism of BODIPY-based photosensitizers to human serum albumin: A combined experimental and computational study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 203, 158-165.	3.9	12
32	Crystal structure of plasma kallikrein reveals the unusual flexibility of the S1 pocket triggered by Glu217. FEBS Letters, 2018, 592, 2658-2667.	2.8	5
33	Assessment of Intracellular Auto-Modification Levels of ARTD10 Using Mono-ADP-Ribose-Specific Macrodomains 2 and 3 of Murine Artd8. Methods in Molecular Biology, 2018, 1813, 41-63.	0.9	13
34	Molecular basis of rutin inhibition of protein disulfide isomerase (PDI) by combinedin silicoand experimental methods. RSC Advances, 2018, 8, 18480-18491.	3.6	22
35	Halogen bonding for the design of inhibitors by targeting the S1 pocket of serine proteases. RSC Advances, 2018, 8, 28189-28197.	3.6	12
36	Proton Dynamics in Protein Mass Spectrometry. Journal of Physical Chemistry Letters, 2017, 8, 1105-1112.	4.6	34

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37	Structural prediction of the interaction of the tumor suppressor p27KIP1 with cyclin A/CDK2 identifies a novel catalytically relevant determinant. BMC Bioinformatics, 2017, 18, 15.	2.6	5
38	Intramolecular hydrophobic interactions are critical mediators of STAT5 dimerization. Scientific Reports, 2016, 6, 35454.	3.3	11
39	Erlotinib Analogueâ€substituted Zinc(II) Phthalocyanines for Small Molecular Targetâ€based Photodynamic Cancer Therapy. Chinese Journal of Chemistry, 2016, 34, 983-988.	4.9	16
40	Computational studies of the binding mechanisms of fullerenes to human serum albumin. Journal of Molecular Modeling, 2015, 21, 177.	1.8	10
41	Mechanistic investigation of the cis/trans isomerization of 2-butene on Pt(111): DFT study of the influence of the hydrogen coverage. Journal of Catalysis, 2014, 311, 190-198.	6.2	23
42	Exploration of the binding of benzimidazole-biphenyl derivatives to hemoglobin using docking and molecular dynamics simulation. International Journal of Biological Macromolecules, 2011, 48, 20-26.	7.5	9
43	Exploration of the binding of proton pump inhibitors to human P450 2C9 based on docking and molecular dynamics simulation. Journal of Molecular Modeling, 2011, 17, 1941-1951.	1.8	12
44	Exploration of the mechanism for LPFFD inhibiting the formation of Î²-sheet conformation of AÎ²(1â€“42) in water. Journal of Molecular Modeling, 2010, 16, 813-821.	1.8	48
45	Characterization of the binding of angiotensin II receptor blockers to human serum albumin using docking and molecular dynamics simulation. Journal of Molecular Modeling, 2010, 16, 789-798.	1.8	39
46	The effect of solvents on the conformations of Amyloid Î²-peptide (1â€“42) studied by molecular dynamics simulation. Computational and Theoretical Chemistry, 2009, 895, 1-8.	1.5	36
47	Molecular dynamics simulation study on conformational behavior of AÎ²(1â€“40) and AÎ²(1â€“42) in water and methanol. Computational and Theoretical Chemistry, 2009, 907, 51-56.	1.5	7
48	Temperature-Independent Ultralong Organic Phosphorescence with a Symmetrical Butterfly-Type Structure. Crystal Growth and Design, 0, , .	3.0	0