Li Zhang

List of Publications by Year
in descending order

17	320	933447 10	888059 17
papers	citations	h-index	g-index

17	17	17	350
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantitative Structureâ"Activity Relationship for Cyclic Imide Derivatives of Protoporphyrinogen Oxidase Inhibitors:â€‰ A Study of Quantum Chemical Descriptors from Density Functional Theory. Journal of Chemical Information and Computer Sciences, 2004, 44, 2099-2105.	2.8	66
2	Understanding the Mechanism of Drug Resistance Due to a Codon Deletion in Protoporphyrinogen Oxidase through Computational Modeling. Journal of Physical Chemistry B, 2009, 113, 4865-4875.	2.6	47
3	Structure-Based Virtual Screening, Compound Synthesis, and Bioassay for the Design of Chitinase Inhibitors. Journal of Agricultural and Food Chemistry, 2018, 66, 3351-3357.	5.2	45
4	Pocket-based Lead Optimization Strategy for the Design and Synthesis of Chitinase Inhibitors. Journal of Agricultural and Food Chemistry, 2019, 67, 3575-3582.	5.2	24
5	Design, Synthesis, and Biological Activity of Novel Heptacyclic Pyrazolamide Derivatives: A New Candidate of Dual-Target Insect Growth Regulators. Journal of Agricultural and Food Chemistry, 2020, 68, 6347-6354.	5.2	22
6	Design, synthesis and biological activity of novel substituted pyrazole amide derivatives targeting EcR/USP receptor. Chinese Chemical Letters, 2016, 27, 566-570.	9.0	19
7	Target-based design, synthesis and biological activity of new pyrazole amide derivatives. Chinese Chemical Letters, 2016, 27, 251-255.	9.0	19
8	Steered molecular dynamics for studying ligand unbinding of ecdysone receptor. Journal of Biomolecular Structure and Dynamics, 2018, 36, 3819-3828.	3.5	17
9	Identification of novel agonists and antagonists of the ecdysone receptor by virtual screening. Journal of Molecular Graphics and Modelling, 2018, 81, 77-85.	2.4	14
10	New lead discovery of insect growth regulators based on the scaffold hopping strategy. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127500.	2.2	12
11	Virtual screening, synthesis, and bioactivity evaluation for the discovery of Î²â€•N â€acetylâ€Dâ€hexosaminidase inhibitors. Pest Management Science, 2020, 76, 3030-3037.	3.4	9
12	Exploration of the binding affinities between ecdysone agonists and EcR/USP by docking and MM-PB/GBSA approaches. Journal of Molecular Modeling, 2017, 23, 166.	1.8	8
13	Computational Screening of Potential Inhibitors of Î²-N-Acetyl-D-Hesosaminidases Using Combined Core-Fragment Growth and Pharmacophore Restraints. Applied Biochemistry and Biotechnology, 2019, 189, 1262-1273.	2.9	5
14	Insights into the structure-affinity relationships and solvation effects between OfHex1 and inhibitors using molecular dynamics simulations. Journal of Molecular Graphics and Modelling, 2019, 90, 1-8.	2.4	4
15	Computational Study for the Unbinding Routes of Î²-N-Acetyl-d-Hexosaminidase Inhibitor: Insight from Steered Molecular Dynamics Simulations. International Journal of Molecular Sciences, 2019, 20, 1516.	4.1	4
16	Identification of 1â€phenylâ€4â€cyanoâ€5â€aminopyrazoles as novel ecdysone receptor ligands by virtual screening, structural optimization, and biological evaluations. Chemical Biology and Drug Design, 2021, 97, 184-195.	3.2	4
17	Functional recognition of structure-diverse odor molecules in drinking water based on QSOR study. Chemosphere, 2018, 211, 371-378.	8.2	1