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	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
2	New lead discovery of insect growth regulators based on the scaffold hopping strategy. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127500.	2.2	12
3	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
4	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
5	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
6	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
7	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
8	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
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	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
11	Steered molecular dynamics for studying ligand unbinding of ecdysone receptor. Journal of Biomolecular Structure and Dynamics, 2018, 36, 3819-3828.	3.5	17
12	Functional recognition of structure-diverse odor molecules in drinking water based on QSOR study. Chemosphere, 2018, 211, 371-378.	8.2	1
13	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
14	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
15	Target-based design, synthesis and biological activity of new pyrazole amide derivatives. Chinese Chemical Letters, 2016, 27, 251-255.	9.0	19
16	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
17	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