

Xiaodi Niu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

291
citations

933447

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940533

16
g-index

23
all docs

23
docs citations

23
times ranked

332
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic manganese coordinated to nitrogen and sulfur for oxygen evolution. <i>Nano Research</i> , 2022, 15, 6019-6025.	10.4	53
2	Pterostilbene restores carbapenem susceptibility in New Delhi metallo- β -lactamase-producing isolates by inhibiting the activity of New Delhi metallo- β -lactamases. <i>British Journal of Pharmacology</i> , 2019, 176, 4548-4557.	5.4	34
3	Acetylcholinesterase Biosensor Based On Mesoporous Hollow Carbon Spheres/Core-Shell Magnetic Nanoparticles-Modified Electrode for the Detection of Organophosphorus Pesticides. <i>Sensors</i> , 2018, 18, 4429.	3.8	25
4	Baicalin Weakens <i>Staphylococcus aureus</i> Pathogenicity by Targeting Sortase B. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 418.	3.9	19
5	Lysozyme Aptamer-Functionalized Magnetic Nanoparticles for the Purification of Lysozyme from Chicken Egg White. <i>Foods</i> , 2019, 8, 67.	4.3	16
6	Discovery of the Novel Inhibitor Against New Delhi Metallo- β -Lactamase Based on Virtual Screening and Molecular Modelling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3567.	4.1	16
7	Phloretin reduces cell injury and inflammation mediated by <i>Staphylococcus aureus</i> via targeting sortase B and the molecular mechanism. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 10665-10674.	3.6	15
8	Investigation of the inhibition effect and mechanism of myricetin to Sulisysin by molecular modeling. <i>Scientific Reports</i> , 2017, 7, 11748.	3.3	14
9	Molecular Modelling reveals the inhibition mechanism and structure-activity relationship of curcumin and its analogues to <i>Staphylococcal aureus</i> Sortase A. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 1220-1230.	3.5	12
10	Magnetic mesoporous carbon material based electrochemical sensor for rapid detection of penicillin sodium in milk. <i>Journal of Food Science</i> , 2020, 85, 2435-2442.	3.1	11
11	Discovery of a Novel Natural Allosteric Inhibitor That Targets NDM-1 Against <i>Escherichia coli</i> . <i>Frontiers in Pharmacology</i> , 2020, 11, 581001.	3.5	10
12	Insight into the Dual inhibitory Mechanism of verbascoside targeting serine/threonine phosphatase Stp1 against <i>Staphylococcus aureus</i> . <i>European Journal of Pharmaceutical Sciences</i> , 2021, 157, 105628.	4.0	10
13	Preparation and properties of chitosan-based bacteriostatic agents and their application in strawberry bacteriostatic preservation. <i>Journal of Food Science</i> , 2021, 86, 4611-4627.	3.1	10
14	Penicillin biosensor based on rhombus-shaped porous carbon/hematoxylin/penicillinase. <i>Journal of Food Science</i> , 2021, 86, 3505-3516.	3.1	8
15	Egg White Peptides Increased the Membrane Liquid-Ordered Phase of Giant Unilamellar Vesicles: Visualization, Localization, and Phase Regulation Mechanism. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 2042-2050.	5.2	8
16	Novel Inhibitor Discovery of <i>Staphylococcus aureus</i> Sortase B and the Mechanism Confirmation via Molecular Modeling. <i>Molecules</i> , 2018, 23, 977.	3.8	6
17	A Sortase A-Immobilized Mesoporous Hollow Carbon Sphere-Based Biosensor for Detection of Gram-Positive Bacteria. <i>Journal of Electronic Materials</i> , 2018, 47, 4124-4135.	2.2	4
18	Structure-Activity relationship of MDSA and its derivatives against <i>Staphylococcus aureus</i> Ser/Thr phosphatase Stp1. <i>Computational Biology and Chemistry</i> , 2020, 85, 107230.	2.3	4

#	ARTICLE	IF	CITATIONS
19	Mulberrin inhibits <i>Botrytis cinerea</i> for strawberry storage by interfering with the bioactivity of 14 α -demethylase (CYP51). <i>Food and Function</i> , 2022, 13, 4032-4046.	4.6	4
20	Design of dipicolinic acid derivatives as New Delhi metallo- β -lactamase-1 inhibitors using a combined computational approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 3384-3395.	3.5	3
21	Insight into the Dual Inhibition Mechanism of Corilagin against MRSA Serine/Threonine Phosphatase (Stp1) by Molecular Modeling. <i>ACS Omega</i> , 2020, 5, 32959-32968.	3.5	2
22	Insight into the inhibition mechanism and structure-activity relationship of 2,6-dipicolinic acid and its analogue to New Delhi metallo- β -lactamase-1. <i>Molecular Simulation</i> , 2019, 45, 525-531.	2.0	1