

Xin Zheng

List of Publications by Year in descending order

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papers

531
citations

759233

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677142

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citing authors

#	ARTICLE	IF	CITATIONS
1	Rh(III)-Catalyzed Mild Coupling of Nitrones and Azomethine Imines with Alkylidenecyclopropanes via C-H Activation: Facile Access to Bridged Cycles. <i>ACS Catalysis</i> , 2018, 8, 4194-4200.	11.2	88
2	Multi-Stimuli-Induced Mechanical Bending and Reversible Fluorescence Switching in a Single Organic Crystal. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	47
3	Structurally ordered Pt-Zn/C series nanoparticles as efficient anode catalysts for formic acid electrooxidation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22129-22135.	10.3	46
4	Six flavonoids inhibit the antigenicity of β -lactoglobulin by noncovalent interactions: A spectroscopic and molecular docking study. <i>Food Chemistry</i> , 2021, 339, 128106.	8.2	41
5	Heart regeneration in adult <i>Xenopus tropicalis</i> after apical resection. <i>Cell and Bioscience</i> , 2017, 7, 70.	4.8	36
6	Self-Powered Electrochemistry for the Oxidation of Organic Molecules by a Cross-Linked Triboelectric Nanogenerator. <i>Advanced Materials</i> , 2016, 28, 5188-5194.	21.0	31
7	Early moderate exercise benefits myocardial infarction healing via improvement of inflammation and ventricular remodelling in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 8328-8342.	3.6	24
8	Mesenchymal Stem/Stromal Cell-Mediated Mitochondrial Transfer and the Therapeutic Potential in Treatment of Neurological Diseases. <i>Stem Cells International</i> , 2020, 2020, 1-16.	2.5	24
9	DFBP: a comprehensive database of food-derived bioactive peptides for peptidomics research. <i>Bioinformatics</i> , 2022, 38, 3275-3280.	4.1	21
10	Gene markers for exon capture and phylogenomics in ray-finned fishes. <i>Ecology and Evolution</i> , 2019, 9, 3973-3983.	1.9	19
11	Tunable Aggregation-Induced Emission of Imidazole Hydrazones by pH and Anions. <i>Chemistry - A European Journal</i> , 2019, 25, 16519-16522.	3.3	15
12	Cuprous Chloride Nanocubes Grown on Copper Foil for Pseudocapacitor Electrodes. <i>Nano-Micro Letters</i> , 2014, 6, 340-346.	27.0	14
13	Prediction of bitterant and sweetener using structure-taste relationship models based on an artificial neural network. <i>Food Research International</i> , 2022, 153, 110974.	6.2	13
14	Oriented bacterial cellulose-glass fiber nanocomposites with enhanced tensile strength through electric field. <i>Fibers and Polymers</i> , 2017, 18, 1408-1412.	2.1	12
15	Novel 6a,12b-Dihydro-6H,7H-chromeno[3,4-c] chromen-6-ones: Synthesis, Structure and Antifungal Activity. <i>Molecules</i> , 2019, 24, 1745.	3.8	12
16	Properties and Detailed Adsorption of CO ₂ by M ₂ (dobpdc) with N-Dimethylethylenediamine Functionalization. <i>Inorganic Chemistry</i> , 2021, 60, 2656-2662.	4.0	11
17	Identification of the functional food ingredients with antithrombotic properties via virtual screen and experimental studies. <i>Food Chemistry</i> , 2021, 362, 130237.	8.2	11
18	The TrkB ^{CT1} receptor mediates BDNF-induced migration of aged cardiac microvascular endothelial cells by recruiting Willin. <i>Aging Cell</i> , 2019, 18, e12881.	6.7	10

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19	CO ₂ Adsorption Properties of a Ni ₂ -Diethylethylenediamine-Appended M ₂ (dobpdc) Series of Materials and Their Detailed Microprocess. <i>Crystal Growth and Design</i> , 2021, 21, 2474-2480.	3.0	9
20	Effect of reburning zone conditions on no reduction efficiency in an online precalciner-type kiln system. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 439-446.	2.3	8
21	A new A3B zinc(II)-porphyrin ligand and its ruthenium(II) complex: Synthesis, photophysical properties and photocatalytic applications. <i>Journal of Molecular Structure</i> , 2021, 1237, 130358.	3.6	8
22	Anti-calcification potential of collagen based biological patch crosslinked by epoxidized polysaccharide. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1695-1702.	7.5	7
23	Genome Resource of <i>Ancylobacter pratisalsi</i> E130 ^T : A Novel Plant-Growth-Promoting Bacterium Isolated from the Rhizosphere. <i>Phytopathology</i> , 2022, 112, 729-731.	2.2	5
24	Proton Magnetic Resonance Spectroscopy for Diagnosis of Non-Motor Symptoms in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2022, 13, 594711.	2.4	5
25	Reveal the interaction mechanism of five old drugs targeting VEGFR2 through computational simulations. <i>Journal of Molecular Graphics and Modelling</i> , 2020, 96, 107538.	2.4	4
26	Multi-Stimuli-Induced Mechanical Bending and Reversible Fluorescence Switching in a Single Organic Crystal. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
27	Huangshan population of Chinese Zacco platypus (Teleostei, Cyprinidae) harbors diverse matriline and high genetic diversity. <i>Zoological Research</i> , 2016, 37, 103-9.	0.6	3
28	Cyclic (Amino)(Aryl)Nitrenium Cations with Lewis Acidity Controlled by Remote Substituents. <i>Chinese Journal of Chemistry</i> , 0, , .	4.9	2
29	Light driven molecular lock comprises a Ru(bpy) ₂ (hpi) complex and cucurbit[8]uril. <i>RSC Advances</i> , 2021, 11, 8444-8449.	3.6	1
30	Time-lapse Semiquantitative Analysis Reveals an Increase in the Protrusion Mobility of Cardiac Microvascular Endothelial Cells after BDNF Treatment. , 2016, , .		0
31	Mechanism of five flavonoids inhibiting NtMGAM based on molecular simulations. <i>Journal of the Chinese Chemical Society</i> , 0, , .	1.4	0