Yi Zhou

List of Publications by Year
in descending order

54 papers	845 citations	516561 16 h-index	526166 27 g-index
54 all docs	54 docs citations	54 times ranked	1237 citing authors

#	Article	IF	Citations
1	Simultaneous removal of NO and dichloromethane (CH2Cl2) over Nb-loaded cerium nanotubes catalyst. Journal of Environmental Sciences, 2022, 111, 175-184.	3.2	10
2	Advances in Chiral Gold Nanoâ€Assemblies and Their Bioapplication Based on Optical Properties. Particle and Particle Systems Characterization, 2022, 39, .	1.2	12
3	Negative index metamaterial at ultraviolet range for subwavelength photolithography. Nanophotonics, 2022, 11, 1643-1651.	2.9	4
4	ATG7-enhanced impaired autophagy exacerbates acute pancreatitis by promoting regulated necrosis via the miR-30b-5p/CAMKII pathway. Cell Death and Disease, 2022, 13, 211.	2.7	5
5	Numerical analysis of thermophoresis of charged colloidal particles in nonâ€Newtonian concentrated electrolyte solutions. Electrophoresis, 2022, , .	1.3	1
6	Synthesis and evaluation of a UMI-77-based fluorescent probe for selective detecting Mcl-1 protein and imaging in living cancer cells. Bioorganic and Medicinal Chemistry, 2021, 29, 115850.	1.4	3
7	Numerical Analysis of Thermophoresis of a Charged Spheroidal Colloid in Aqueous Media. Micromachines, 2021, 12, 224.	1.4	3
8	ent-Kaurane diterpenoids induce apoptosis and ferroptosis through targeting redox resetting to overcome cisplatin resistance. Redox Biology, 2021, 43, 101977.	3.9	50
9	Holographic Super-Resolution Metalens for Achromatic Sub-Wavelength Focusing. ACS Photonics, 2021, 8, 2294-2303.	3.2	22
10	First Principle Study of Salinity Measurement by 2D Material. Journal of Nanomaterials, 2021, 2021, 1-7.	1.5	0
11	Analytical analysis of anisotropic thermophoresis of a charged spheroidal colloid in aqueous media for extremely thin EDL cases. Electrophoresis, 2021, 42, 2391-2400.	1.3	3
12	Molecular Recognition of the Self-Assembly Mechanism of Glycosyl Amino Acetate-Based Hydrogels. ACS Omega, 2021, 6, 21801-21808.	1.6	1
13	Potential applications of BPFP1 in Bcl-2 protein quantification, carcinoma cell visualization, cell sorting and early cancer diagnosis. European Journal of Medicinal Chemistry, 2021, 224, 113725.	2.6	1
14	Quark star matter in heavy quark stars. European Physical Journal C, 2021, 81, 1.	1.4	14
15	A new aryldihydronaphthalene-type lignan and other metabolites with potential anti-â€‹inflammatory activities from Corispermum mongolicum Iljin. Natural Product Research, 2020, 34, 225-232.	1.0	9
16	Investigating the Wind Power Smoothing Effect Using Set Pair Analysis. IEEE Transactions on Sustainable Energy, 2020, 11, 1161-1172.	5.9	55
17	HDACâ€“Bax Multiple Ligands Enhance Bax-Dependent Apoptosis in HeLa Cells. Journal of Medicinal Chemistry, 2020, 63, 12083-12099.	2.9	13
18	Single-Atom Ru-Implanted Metalâ€“Organic Framework/MnO₂ for the Highly Selective Oxidation of NO_x by Plasma Activation. ACS Catalysis, 2020, 10, 10185-10196.	5.5	58

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19	A direct Z-scheme Bi₂WO₆/NH₂-UiO-66 nanocomposite as an efficient visible-light-driven photocatalyst for NO removal. RSC Advances, 2020, 10, 1757-1768.	1.7	34
20	Discovery of Peptide Boronate Derivatives as Histone Deacetylase and Proteasome Dual Inhibitors for Overcoming Bortezomib Resistance of Multiple Myeloma. Journal of Medicinal Chemistry, 2020, 63, 4701-4715.	2.9	34
21	Numerical analysis of the tension and twist of staple strands in embeddable and locatable spinning. Textile Reseach Journal, 2019, 89, 1582-1592.	1.1	1
22	Design, Synthesis, and Biological Evaluation of 2,4-Imidazolinedione Derivatives as HDAC6 Isoform-Selective Inhibitors. ACS Medicinal Chemistry Letters, 2019, 10, 1122-1127.	1.3	17
23	Multifunctional Molecular Beacons-Modified Gold Nanoparticle as a Nanocarrier for Synergistic Inhibition and in Situ Imaging of Drug-Resistant-Related mRNAs in Living Cells. ACS Applied Materials & Interfaces, 2019, 11, 35548-35555.	4.0	15
24	Chemical Constituents of the Rhizomes of Actinidia kolomikta. Chemistry of Natural Compounds, 2019, 55, 975-977.	0.2	7
25	Isospin properties in quark matter and quark stars within isospin-dependent quark mass models. Physical Review C, 2019, 99, .	1.1	19
26	Quark star matter at finite temperature. Physical Review D, 2019, 100, .	1.6	13
27	A new diarylheptanoid and a new diarylheptanoid glycoside isolated from the roots of Juglans mandshurica and their anti-inflammatory activities. Natural Product Research, 2019, 33, 701-707.	1.0	21
28	One new 1,4-napthoquinone derivative from the roots of Juglans mandshurica. Natural Product Research, 2018, 32, 1017-1021.	1.0	10
29	Exome-wide association study identifies four novel loci for systemic lupus erythematosus in Han Chinese population. Annals of the Rheumatic Diseases, 2018, 77, 417-417.	0.5	50
30	Chemical Constituents of the Stem Barks of Quercus mongolica. Chemistry of Natural Compounds, 2018, 54, 973-974.	0.2	4
31	One-pot two-strain system based on glucaric acid biosensor for rapid screening of myo-inositol oxygenase mutations and glucaric acid production in recombinant cells. Metabolic Engineering, 2018, 49, 212-219.	3.6	24
32	Design, synthesis, and preliminary bioactivity evaluation of Nâ€benzylpyrimidinâ€2â€amine derivatives as novel histone deacetylase inhibitor. Chemical Biology and Drug Design, 2017, 90, 936-942.	1.5	6
33	A new ribonucleotide from Cordyceps militaris. Natural Product Research, 2017, 31, 2537-2543.	1.0	11
34	Evaluation of the osseointegration of dental implants coated with calcium carbonate: an animal study. International Journal of Oral Science, 2017, 9, 133-138.	3.6	16
35	Multi-walled boron nitride nanotubes as self-excited launchers. Nanoscale, 2017, 9, 10358-10366.	2.8	1
36	The influence of H2O2 on the properties of CeO2-ZrO2 mixed oxides. Journal of Materials Science, 2017, 52, 5242-5255.	1.7	17

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37	Remarkably promoted low-temperature reducibility and thermal stability of CeO2â€“ZrO2â€“La2O3â€“Nd2O3 by a urea-assisted low-temperature (90ÂÂ°C) hydrothermal procedure. Journal of Materials Science, 2017, 52, 5894-5907.	1.7	11
38	Electronic transport properties of carbon and boron nitride chain heterojunctions. Journal of Materials Chemistry C, 2017, 5, 1165-1178.	2.7	17
39	Uncoiling of helical boron nitrideâ€“graphene nanoribbons in a single-walled carbon nanotube. Physical Chemistry Chemical Physics, 2017, 19, 2095-2103.	1.3	3
40	Diffusion, Nucleation, and Self-Optimization in the Forming Process of Graphene in Annealed Nickelâ€“Carbon Alloy. Journal of Physical Chemistry C, 2017, 121, 21001-21010.	1.5	2
41	1-Phenyl-1H-indole derivatives as a new class of Bcl-2/Mcl-1 dual inhibitors: Design, synthesis, and preliminary biological evaluation. Bioorganic and Medicinal Chemistry, 2017, 25, 5548-5556.	1.4	23
42	Distinctive electronic transport in pyridine-based devices with narrow graphene nanoribbon electrodes. RSC Advances, 2017, 7, 53696-53705.	1.7	6
43	Epigenome-Wide Association Analysis Identified Nine Skin DNA Methylation LociÂfor Psoriasis. Journal of Investigative Dermatology, 2016, 136, 779-787.	0.3	75
44	Multifunctional heterostructures constructed using MoS₂ and WS₂ nanoribbons. Physical Chemistry Chemical Physics, 2016, 18, 27468-27475.	1.3	8
45	Distinctive electron transport on pyridine-linked molecular junctions with narrow monolayer graphene nanoribbon electrodes compared with metal electrodes and graphene electrodes. Physical Chemistry Chemical Physics, 2016, 18, 28217-28226.	1.3	25
46	Characteristic electron transport on pyridine-linked molecular devices with graphene nanoribbons electrodes and gold electrodes. Functional Materials Letters, 2016, 09, 1650067.	0.7	1
47	Modification of the thermal stability of doped CeO2â€“ZrO2 mixed oxides with the addition of triethylamine and its application as a Pd-only three-way catalyst. Journal of Materials Science, 2016, 51, 4283-4295.	1.7	15
48	Electronic transport properties of ultra-thin Ni and Niâ€“C nanowires. Physical Chemistry Chemical Physics, 2016, 18, 5336-5343.	1.3	4
49	Wettability and Coalescence of Cu Droplets Subjected to Two-Wall Confinement. Scientific Reports, 2015, 5, 15190.	1.6	14
50	Electronic transport properties of in-plane heterostructures constructed by MoS₂ and WS₂ nanoribbons. RSC Advances, 2015, 5, 66852-66860.	1.7	31
51	Dermatology in China. Journal of Investigative Dermatology Symposium Proceedings, 2015, 17, 12-14.	0.8	3
52	iTRAQ-based proteomic analysis of combination therapy with taurine, epigallocatechin gallate, and genistein on carbon tetrachloride-induced liver fibrosis in rats. Toxicology Letters, 2015, 232, 233-245.	0.4	31
53	Cyclodextrin glycosyltransferase encoded by a gene of Paenibacillus azotofixans YUPP-5 exhibited a new function to hydrolyze polysaccharides with Î²-1,4 linkage. Enzyme and Microbial Technology, 2012, 50, 151-157.	1.6	11
54	Mathematical modelling of complicated 3D woven fabrics. Journal of the Textile Institute, 0, , 1-8.	1.0	1