

Yi Zhou

List of Publications by Year in descending order

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54
papers

845
citations

516215

16
h-index

525886

27
g-index

54
all docs

54
docs citations

54
times ranked

1237
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Epigenome-Wide Association Analysis Identified Nine Skin DNA Methylation Loci for Psoriasis. <i>Journal of Investigative Dermatology</i> , 2016, 136, 779-787. | 0.3 | 75 |
| 2 | Single-Atom Ru-Implanted Metal-Organic Framework/MnO ₂ for the Highly Selective Oxidation of NO _x by Plasma Activation. <i>ACS Catalysis</i> , 2020, 10, 10185-10196. | 5.5 | 58 |
| 3 | Investigating the Wind Power Smoothing Effect Using Set Pair Analysis. <i>IEEE Transactions on Sustainable Energy</i> , 2020, 11, 1161-1172. | 5.9 | 55 |
| 4 | Exome-wide association study identifies four novel loci for systemic lupus erythematosus in Han Chinese population. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 417-417. | 0.5 | 50 |
| 5 | ent-Kaurane diterpenoids induce apoptosis and ferroptosis through targeting redox resetting to overcome cisplatin resistance. <i>Redox Biology</i> , 2021, 43, 101977. | 3.9 | 50 |
| 6 | A direct Z-scheme Bi ₂ WO ₆ /NH ₂ -UiO-66 nanocomposite as an efficient visible-light-driven photocatalyst for NO removal. <i>RSC Advances</i> , 2020, 10, 1757-1768. | 1.7 | 34 |
| 7 | Discovery of Peptide Boronate Derivatives as Histone Deacetylase and Proteasome Dual Inhibitors for Overcoming Bortezomib Resistance of Multiple Myeloma. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4701-4715. | 2.9 | 34 |
| 8 | Electronic transport properties of in-plane heterostructures constructed by MoS ₂ and WS ₂ nanoribbons. <i>RSC Advances</i> , 2015, 5, 66852-66860. | 1.7 | 31 |
| 9 | iTRAQ-based proteomic analysis of combination therapy with taurine, epigallocatechin gallate, and genistein on carbon tetrachloride-induced liver fibrosis in rats. <i>Toxicology Letters</i> , 2015, 232, 233-245. | 0.4 | 31 |
| 10 | Distinctive electron transport on pyridine-linked molecular junctions with narrow monolayer graphene nanoribbon electrodes compared with metal electrodes and graphene electrodes. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 28217-28226. | 1.3 | 25 |
| 11 | 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. <i>Metabolic Engineering</i> , 2018, 49, 212-219. | 3.6 | 24 |
| 12 | 1-Phenyl-1H-indole derivatives as a new class of Bcl-2/Mcl-1 dual inhibitors: Design, synthesis, and preliminary biological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 5548-5556. | 1.4 | 23 |
| 13 | Holographic Super-Resolution Metalens for Achromatic Sub-Wavelength Focusing. <i>ACS Photonics</i> , 2021, 8, 2294-2303. | 3.2 | 22 |
| 14 | A new diarylheptanoid and a new diarylheptanoid glycoside isolated from the roots of <i>Juglans mandshurica</i> and their anti-inflammatory activities. <i>Natural Product Research</i> , 2019, 33, 701-707. | 1.0 | 21 |
| 15 | Isospin properties in quark matter and quark stars within isospin-dependent quark mass models. <i>Physical Review C</i> , 2019, 99, . | 1.1 | 19 |
| 16 | The influence of H ₂ O ₂ on the properties of CeO ₂ -ZrO ₂ mixed oxides. <i>Journal of Materials Science</i> , 2017, 52, 5242-5255. | 1.7 | 17 |
| 17 | Electronic transport properties of carbon and boron nitride chain heterojunctions. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1165-1178. | 2.7 | 17 |
| 18 | Design, Synthesis, and Biological Evaluation of 2,4-Imidazolinedione Derivatives as HDAC6 Isoform-Selective Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 1122-1127. | 1.3 | 17 |

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|----|--|-----|-----------|
| 19 | Evaluation of the osseointegration of dental implants coated with calcium carbonate: an animal study. <i>International Journal of Oral Science</i> , 2017, 9, 133-138. | 3.6 | 16 |
| 20 | Modification of the thermal stability of doped CeO ₂ –ZrO ₂ mixed oxides with the addition of triethylamine and its application as a Pd-only three-way catalyst. <i>Journal of Materials Science</i> , 2016, 51, 4283-4295. | 1.7 | 15 |
| 21 | Multifunctional Molecular Beacons-Modified Gold Nanoparticle as a Nanocarrier for Synergistic Inhibition and in Situ Imaging of Drug-Resistant-Related mRNAs in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 35548-35555. | 4.0 | 15 |
| 22 | Wettability and Coalescence of Cu Droplets Subjected to Two-Wall Confinement. <i>Scientific Reports</i> , 2015, 5, 15190. | 1.6 | 14 |
| 23 | Quark star matter in heavy quark stars. <i>European Physical Journal C</i> , 2021, 81, 1. | 1.4 | 14 |
| 24 | Quark star matter at finite temperature. <i>Physical Review D</i> , 2019, 100, . | 1.6 | 13 |
| 25 | HDAC–Bax Multiple Ligands Enhance Bax-Dependent Apoptosis in HeLa Cells. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 12083-12099. | 2.9 | 13 |
| 26 | Advances in Chiral Gold Nano–Assemblies and Their Bioapplication Based on Optical Properties. <i>Particle and Particle Systems Characterization</i> , 2022, 39, . | 1.2 | 12 |
| 27 | Cyclodextrin glycosyltransferase encoded by a gene of <i>Paenibacillus azotofixans</i> YLPP-5 exhibited a new function to hydrolyze polysaccharides with β-1,4 linkage. <i>Enzyme and Microbial Technology</i> , 2012, 50, 151-157. | 1.6 | 11 |
| 28 | A new ribonucleotide from <i>Cordyceps militaris</i> . <i>Natural Product Research</i> , 2017, 31, 2537-2543. | 1.0 | 11 |
| 29 | Remarkably promoted low-temperature reducibility and thermal stability of CeO ₂ –ZrO ₂ –La ₂ O ₃ –Nd ₂ O ₃ by a urea-assisted low-temperature (90 °C) hydrothermal procedure. <i>Journal of Materials Science</i> , 2017, 52, 5894-5907. | 1.7 | 11 |
| 30 | One new 1,4-naphthoquinone derivative from the roots of <i>Juglans mandshurica</i> . <i>Natural Product Research</i> , 2018, 32, 1017-1021. | 1.0 | 10 |
| 31 | Simultaneous removal of NO and dichloromethane (CH ₂ Cl ₂) over Nb-loaded cerium nanotubes catalyst. <i>Journal of Environmental Sciences</i> , 2022, 111, 175-184. | 3.2 | 10 |
| 32 | A new aryldihydronaphthalene-type lignan and other metabolites with potential anti-inflammatory activities from <i>Corispermum mongolicum</i> Iljin. <i>Natural Product Research</i> , 2020, 34, 225-232. | 1.0 | 9 |
| 33 | Multifunctional heterostructures constructed using MoS ₂ and WS ₂ nanoribbons. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27468-27475. | 1.3 | 8 |
| 34 | Chemical Constituents of the Rhizomes of <i>Actinidia kolomikta</i> . <i>Chemistry of Natural Compounds</i> , 2019, 55, 975-977. | 0.2 | 7 |
| 35 | Design, synthesis, and preliminary bioactivity evaluation of N-benzylpyrimidin-2-amine derivatives as novel histone deacetylase inhibitor. <i>Chemical Biology and Drug Design</i> , 2017, 90, 936-942. | 1.5 | 6 |
| 36 | Distinctive electronic transport in pyridine-based devices with narrow graphene nanoribbon electrodes. <i>RSC Advances</i> , 2017, 7, 53696-53705. | 1.7 | 6 |

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|----|--|-----|-----------|
| 37 | ATG7-enhanced impaired autophagy exacerbates acute pancreatitis by promoting regulated necrosis via the miR-30b-5p/CAMKII pathway. <i>Cell Death and Disease</i> , 2022, 13, 211. | 2.7 | 5 |
| 38 | Electronic transport properties of ultra-thin Ni and Ni ¹³ C nanowires. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 5336-5343. | 1.3 | 4 |
| 39 | Chemical Constituents of the Stem Barks of <i>Quercus mongolica</i> . <i>Chemistry of Natural Compounds</i> , 2018, 54, 973-974. | 0.2 | 4 |
| 40 | Negative index metamaterial at ultraviolet range for subwavelength photolithography. <i>Nanophotonics</i> , 2022, 11, 1643-1651. | 2.9 | 4 |
| 41 | Dermatology in China. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2015, 17, 12-14. | 0.8 | 3 |
| 42 | Uncoiling of helical boron nitride-graphene nanoribbons in a single-walled carbon nanotube. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 2095-2103. | 1.3 | 3 |
| 43 | Synthesis and evaluation of a UMI-77-based fluorescent probe for selective detecting Mcl-1 protein and imaging in living cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 29, 115850. | 1.4 | 3 |
| 44 | Numerical Analysis of Thermophoresis of a Charged Spheroidal Colloid in Aqueous Media. <i>Micromachines</i> , 2021, 12, 224. | 1.4 | 3 |
| 45 | Analytical analysis of anisotropic thermophoresis of a charged spheroidal colloid in aqueous media for extremely thin EDL cases. <i>Electrophoresis</i> , 2021, 42, 2391-2400. | 1.3 | 3 |
| 46 | Diffusion, Nucleation, and Self-Optimization in the Forming Process of Graphene in Annealed Nickel-Carbon Alloy. <i>Journal of Physical Chemistry C</i> , 2017, 121, 21001-21010. | 1.5 | 2 |
| 47 | Characteristic electron transport on pyridine-linked molecular devices with graphene nanoribbons electrodes and gold electrodes. <i>Functional Materials Letters</i> , 2016, 09, 1650067. | 0.7 | 1 |
| 48 | Multi-walled boron nitride nanotubes as self-excited launchers. <i>Nanoscale</i> , 2017, 9, 10358-10366. | 2.8 | 1 |
| 49 | Numerical analysis of the tension and twist of staple strands in embeddable and locatable spinning. <i>Textile Research Journal</i> , 2019, 89, 1582-1592. | 1.1 | 1 |
| 50 | Mathematical modelling of complicated 3D woven fabrics. <i>Journal of the Textile Institute</i> , 0, , 1-8. | 1.0 | 1 |
| 51 | Molecular Recognition of the Self-Assembly Mechanism of Glycosyl Amino Acetate-Based Hydrogels. <i>ACS Omega</i> , 2021, 6, 21801-21808. | 1.6 | 1 |
| 52 | Potential applications of BFP1 in Bcl-2 protein quantification, carcinoma cell visualization, cell sorting and early cancer diagnosis. <i>European Journal of Medicinal Chemistry</i> , 2021, 224, 113725. | 2.6 | 1 |
| 53 | Numerical analysis of thermophoresis of charged colloidal particles in non-Newtonian concentrated electrolyte solutions. <i>Electrophoresis</i> , 2022, , . | 1.3 | 1 |
| 54 | First Principle Study of Salinity Measurement by 2D Material. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-7. | 1.5 | 0 |