

Rui Yang

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76
papers

1,198
citations

20
h-index

32
g-index

81
ext. papers

1,639
ext. citations

5.3
avg, IF

4.49
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 76 | A G3BP1-Interacting lncRNA Promotes Ferroptosis and Apoptosis in Cancer via Nuclear Sequestration of p53. <i>Cancer Research</i> , 2018 , 78, 3484-3496 | 10.1 | 176 |
| 75 | EGLN1/c-Myc Induced Lymphoid-Specific Helicase Inhibits Ferroptosis through Lipid Metabolic Gene Expression Changes. <i>Theranostics</i> , 2017 , 7, 3293-3305 | 12.1 | 106 |
| 74 | LncRNA as a SERCA2a Inhibitor to Cause Intracellular Ca Overload and Contractile Dysfunction in a Mouse Model of Myocardial Infarction. <i>Circulation Research</i> , 2018 , 122, 1354-1368 | 15.7 | 95 |
| 73 | Chromatin Remodeling Factor LSH is Upregulated by the LRP6-GSK3 β -E2F1 Axis Linking Reversely with Survival in Gliomas. <i>Theranostics</i> , 2017 , 7, 132-143 | 12.1 | 44 |
| 72 | Synthesis of homogeneous protein-stabilized rutin nanodispersions by reversible assembly of soybean (<i>Glycine max</i>) seed ferritin. <i>RSC Advances</i> , 2015 , 5, 31533-31540 | 3.7 | 40 |
| 71 | Urea-Driven Epigallocatechin Gallate (EGCG) Permeation into the Ferritin Cage, an Innovative Method for Fabrication of Protein-Polyphenol Co-assemblies. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 1410-1419 | 5.7 | 33 |
| 70 | Multi-Color Fluorescent Carbon Dots: Graphitized sp Conjugated Domains and Surface State Energy Level Co-Modulate Band Gap Rather Than Size Effects. <i>Chemistry - A European Journal</i> , 2020 , 26, 8129-8136 | 4.8 | 30 |
| 69 | The littoral red alga <i>Pyropia haitanensis</i> uses rapid accumulation of floridoside as the desiccation acclimation strategy. <i>Journal of Applied Phycology</i> , 2015 , 27, 621-632 | 3.2 | 27 |
| 68 | Epigallocatechin Gallate (EGCG) Decorating Soybean Seed Ferritin as a Rutin Nanocarrier with Prolonged Release Property in the Gastrointestinal Tract. <i>Plant Foods for Human Nutrition</i> , 2016 , 71, 277-85 | 3.9 | 27 |
| 67 | Spontaneous Imbibition of Three Leading Shale Formations in the Middle Yangtze Platform, South China. <i>Energy & Fuels</i> , 2017 , 31, 6903-6916 | 4.1 | 26 |
| 66 | Inclusion complex of GA-13316 with β -cyclodextrin: preparation, characterization, molecular modeling, and in vitro evaluation. <i>Carbohydrate Polymers</i> , 2014 , 111, 655-62 | 10.3 | 26 |
| 65 | Neurotensin signaling stimulates glioblastoma cell proliferation by upregulating c-Myc and inhibiting miR-29b-1 and miR-129-3p. <i>Neuro-Oncology</i> , 2016 , 18, 216-26 | 1 | 24 |
| 64 | Nuclear EGFR-PKM2 axis induces cancer stem cell-like characteristics in irradiation-resistant cells. <i>Cancer Letters</i> , 2018 , 422, 81-93 | 9.9 | 24 |
| 63 | GIAT4RA functions as a tumor suppressor in non-small cell lung cancer by counteracting Uchl3-mediated deubiquitination of LSH. <i>Oncogene</i> , 2019 , 38, 7133-7145 | 9.2 | 24 |
| 62 | Ferritin glycosylated by chitosan as a novel EGCG nano-carrier: Structure, stability, and absorption analysis. <i>International Journal of Biological Macromolecules</i> , 2017 , 105, 252-261 | 7.9 | 24 |
| 61 | Activation of AhR with nuclear IKK β regulates cancer stem-like properties in the occurrence of radioresistance. <i>Cell Death and Disease</i> , 2018 , 9, 490 | 9.8 | 22 |
| 60 | Effect of <i>Ganoderma lucidum</i> spores intervention on glucose and lipid metabolism gene expression profiles in type 2 diabetic rats. <i>Lipids in Health and Disease</i> , 2015 , 14, 49 | 4.4 | 22 |

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| 59 | Different responses to heat shock stress revealed heteromorphic adaptation strategy of <i>Pyropia haitanensis</i> (Bangiales, Rhodophyta). <i>PLoS ONE</i> , 2014 , 9, e94354 | 3.7 | 22 |
| 58 | LSH interacts with and stabilizes GINS4 transcript that promotes tumorigenesis in non-small cell lung cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 280 | 12.8 | 21 |
| 57 | Channel directed rutin nano-encapsulation in phytoferritin induced by guanidine hydrochloride. <i>Food Chemistry</i> , 2018 , 240, 935-939 | 8.5 | 20 |
| 56 | Powder carbonization to synthesize novel carbon dots derived from uric acid for the detection of Ag(I) and glutathione. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 207, 54-60 | 4.4 | 20 |
| 55 | Fabrication and characterization of ferritin-chitosan-lutein shell-core nanocomposites and lutein stability and release evaluation in vitro. <i>RSC Advances</i> , 2016 , 6, 35267-35279 | 3.7 | 19 |
| 54 | Nano-encapsulation of epigallocatechin gallate in the ferritin-chitosan double shells: Simulated digestion and absorption evaluation. <i>Food Research International</i> , 2018 , 108, 1-7 | 7 | 18 |
| 53 | Inclusion complex of GA-13315 with cyclodextrins: preparation, characterization, inclusion mode and properties. <i>Carbohydrate Polymers</i> , 2012 , 89, 89-97 | 10.3 | 17 |
| 52 | Solid pyrolysis synthesis of excitation-independent emission carbon dots and its application to isoniazid detection. <i>Journal of Nanoparticle Research</i> , 2019 , 21, 1 | 2.3 | 16 |
| 51 | The Conversion of Jatropha Oil into Jet Fuel on NiMo/Al-MCM-41 Catalyst: Intrinsic Synergic Effects between Ni and Mo. <i>Energy Technology</i> , 2019 , 7, 1800809 | 3.5 | 15 |
| 50 | Hierarchical structure of CoFe ₂ O ₄ core-shell microsphere coating on carbon fiber cloth for high-performance asymmetric flexible supercapacitor applications. <i>Ionics</i> , 2019 , 25, 4905-4914 | 2.7 | 14 |
| 49 | Determination of oxidized scytonemin in <i>Nostoc commune</i> Vauch cultured on different conditions by high performance liquid chromatography coupled with triple quadrupole mass spectrometry. <i>Journal of Applied Phycology</i> , 2013 , 25, 1001-1007 | 3.2 | 14 |
| 48 | Saccharification of pumpkin residues by coculturing of <i>Trichoderma reesei</i> RUT-C30 and <i>Phanerochaete chrysosporium</i> Burdsall with delayed inoculation timing. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 9192-9 | 5.7 | 14 |
| 47 | Redox modulated fluorometric sensing of ascorbic acid by using a hybrid material composed of carbon dots and CoOOH nanosheets. <i>Mikrochimica Acta</i> , 2019 , 186, 368 | 5.8 | 13 |
| 46 | Transformation of Jatropha Oil into High-Quality Biofuel over Ni-W Bimetallic Catalysts. <i>ACS Omega</i> , 2019 , 4, 10580-10592 | 3.9 | 13 |
| 45 | Thermally Induced Encapsulation of Food Nutrients into Phytoferritin through the Flexible Channels without Additives. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 9950-9955 | 5.7 | 13 |
| 44 | Porous zinc(II)-organic framework with potential open metal sites: Synthesis, structure and property. <i>Science China Chemistry</i> , 2011 , 54, 1436-1440 | 7.9 | 13 |
| 43 | Comparative Investigations on Wettability of Typical Marine, Continental, and Transitional Shales in the Middle Yangtze Platform (China). <i>Energy & Fuels</i> , 2018 , 32, 12187-12197 | 4.1 | 13 |
| 42 | Variations of Pore Structure in Organic-Rich Shales with Different Lithofacies from the Jiangdong Block, Fuling Shale Gas Field, SW China: Insights into Gas Storage and Pore Evolution. <i>Energy & Fuels</i> , 2020 , 34, 12457-12475 | 4.1 | 12 |

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| 41 | Influence of Manothermosonication on the Physicochemical and Functional Properties of Ferritin as a Nanocarrier of Iron or Bioactive Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 6633-6641 | 5.7 | 11 |
| 40 | DNA methylation modifier LSH inhibits p53 ubiquitination and transactivates p53 to promote lipid metabolism. <i>Epigenetics and Chromatin</i> , 2019 , 12, 59 | 5.8 | 11 |
| 39 | Thermal Stability Improvement of Rice Bran Albumin Protein Incorporated with Epigallocatechin Gallate. <i>Journal of Food Science</i> , 2017 , 82, 350-357 | 3.4 | 10 |
| 38 | Bifunctional Conducting Polymer Coated CoFe ₂ O ₄ Core-Shell Nanolayer on Carbon Fiber Cloth for 2.0 V Wearable Aqueous Supercapacitors. <i>ChemistrySelect</i> , 2019 , 4, 1685-1695 | 1.8 | 10 |
| 37 | Ornithine decarboxylase is involved in methyl jasmonate-regulated postharvest quality retention in button mushrooms (<i>Agaricus bisporus</i>). <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 790-796 | 4.3 | 8 |
| 36 | Bright carbon dots via inner filter effect for the sensitive determination of the purine metabolic disorder in human fluids. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 203, 421-427 | 4.4 | 8 |
| 35 | Inclusion complexes of GA and the plant growth regulation activities. <i>Materials Science and Engineering C</i> , 2018 , 91, 475-485 | 8.3 | 8 |
| 34 | Schottky functionalized Z-scheme heterojunction photocatalyst Ti ₂ C ₃ /g-C ₃ N ₄ /BiOCl: Efficient photocatalytic H ₂ O ₂ production via two-channel pathway. <i>Applied Surface Science</i> , 2022 , 572, 151525 | 6.7 | 7 |
| 33 | Ultrasound-assisted synthesis of BiVO ₄ /C-dots/g-C ₃ N ₄ Z-scheme heterojunction photocatalysts for degradation of minocycline hydrochloride and Rhodamine B: optimization and mechanism investigation. <i>New Journal of Chemistry</i> , 2020 , 44, 17641-17653 | 3.6 | 7 |
| 32 | Hierarchical Structure MnO ₂ Coated PDMS/Carbon Nanotube Sponge as Flexible Electrode for Electrocatalytic Water Splitting and High Performance Supercapacitor. <i>ChemistrySelect</i> , 2019 , 4, 5996-6003 | 1.8 | 6 |
| 31 | Enhanced thermal and antibacterial properties of cross-linked waxy maize starch granules by chitosan via dry heat treatment. <i>International Journal of Food Science and Technology</i> , 2015 , 50, 899-905 | 3.8 | 6 |
| 30 | Multi-antenna compressed wideband spectrum sensing for cognitive radio 2011 , | | 4 |
| 29 | Revealing Graphitic Nitrogen Participating in p- π Conjugated Domain as Emissive Center of Red Carbon Dots and Applied to Red Room-Temperature Phosphorescence. <i>New Journal of Chemistry</i> , | 3.6 | 4 |
| 28 | New highly selective turn-on fluorescence receptor for the detection of copper (II). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 174, 307-315 | 4.4 | 3 |
| 27 | Coordination-directed one-dimensional coordination polymers generated from a new oxadiazole bridging ligand and HgX ₂ (X=Cl, Br and I). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011 , 67, m176-80 | | 3 |
| 26 | Characteristics and Influencing Factors of Supercritical Methane Adsorption in Deep Gas Shale: A Case Study of Marine Wufeng and Longmaxi Formations from the Dongxi Area, Southeastern Sichuan Basin (China). <i>Energy & Fuels</i> , 2022 , 36, 1531-1546 | 4.1 | 3 |
| 25 | Pore Structure Characterization and Reservoir Quality Evaluation of Analcite-Rich Shale Oil Reservoir from the Bohai Bay Basin. <i>Energy & Fuels</i> , 2021 , 35, 9349-9368 | 4.1 | 3 |
| 24 | Adiponectin Attenuates Lipopolysaccharide-induced Apoptosis by Regulating the Cx43/PI3K/AKT Pathway. <i>Frontiers in Pharmacology</i> , 2021 , 12, 644225 | 5.6 | 3 |

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| 23 | Integrated mRNA and Small RNA Sequencing for Analyzing Leaf Spot Pathogen and Its Host, Tea (), During Infection. <i>Molecular Plant-Microbe Interactions</i> , 2021 , 34, 127-130 | 3.6 | 3 |
| 22 | Prospective observational cohort study: Computational models for early prediction of ongoing pregnancy in fresh IVF/ICSI-ET protocols. <i>Life Sciences</i> , 2019 , 222, 221-227 | 6.8 | 2 |
| 21 | Cumulative live birth rate of low prognosis patients with POSEIDON stratification: a single-centre data analysis. <i>Reproductive BioMedicine Online</i> , 2020 , 41, 834-844 | 4 | 2 |
| 20 | Structural characteristics and porosity estimation of organic matter-hosted pores in gas shales of Jiaoshiba Block, Sichuan Basin, China. <i>Energy Science and Engineering</i> , 2020 , 8, 4178-4195 | 3.4 | 2 |
| 19 | Quartz crystallinity index: New quantitative evidence for biogenic silica of the Late Ordovician to Early Silurian organic-rich shale in the Sichuan Basin and adjacent areas, China. <i>Science China Earth Sciences</i> , 2021 , 64, 773-787 | 4.6 | 2 |
| 18 | Microelectric Current Treatment Enhanced Biodegradation of Pumpkin Lignocelluloses by <i>Trichoderma reesei</i> RUT-C30. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 4668-4675 | 5.7 | 1 |
| 17 | Disappearance of the fillerAn interesting interfacial evolution during the photooxidative aging of polypropylene composites. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a | 2.9 | 1 |
| 16 | Modeling the gasification based biomass co-firing in a 600MW pulverized coal boiler 2009 , | | 1 |
| 15 | A High CMRR Instrumentation Amplifier Employing Pseudo-Differential Inverter for Neural Signal Sensing. <i>IEEE Sensors Journal</i> , 2022 , 22, 419-427 | 4 | 1 |
| 14 | The Influence of Analytical Particle Size on the Pore System Measured by CO ₂ , N ₂ , and Ar Adsorption Experiments for Shales. <i>Energy & Fuels</i> , | 4.1 | 1 |
| 13 | Transcriptomic, Biochemical, and Morphological Study Reveals the Mechanism of Inhibition of by Phenazine-1-Carboxylic Acid. <i>Frontiers in Microbiology</i> , 2021 , 12, 618476 | 5.7 | 1 |
| 12 | Proteins from leguminous plants: from structure, property to the function in encapsulation/binding and delivery of bioactive compounds. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-22 | 11.5 | 1 |
| 11 | Antifungal Activity and Possible Mode of Action of Ningnanmycin Against Tea Gray Blight Disease Pathogen. <i>Phytopathology</i> , 2021 , PHYTO09200382R | 3.8 | 1 |
| 10 | Influences of the hydrophilic components of two anthropogenic dissolved organic nitrogen groups on phytoplankton growth in Jiaozhou Bay, China. <i>Marine Pollution Bulletin</i> , 2021 , 169, 112551 | 6.7 | 1 |
| 9 | RDC-SAL: Refine distance compensating with quantum scale-aware learning for crowd counting and localization. <i>Applied Intelligence</i> ,1 | 4.9 | 1 |
| 8 | Semi-Supervised Adversarial Semantic Segmentation Network Using Transformer and Multiscale Convolution for High-Resolution Remote Sensing Imagery. <i>Remote Sensing</i> , 2022 , 14, 1786 | 5 | 1 |
| 7 | Protein Engineering of <i>Pasteurella multocida</i> α ,3-Sialyltransferase with Reduced α ,3-Sialidase Activity and Application in Synthesis of β -Sialyllactose. <i>Catalysts</i> , 2022 , 12, 579 | 4 | 1 |
| 6 | Effects of organic nitrogen components from terrestrial input on the phytoplankton community in Jiaozhou Bay.. <i>Marine Pollution Bulletin</i> , 2022 , 174, 113316 | 6.7 | 0 |

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| 5 | The contributions of the left hippocampus and bilateral inferior parietal lobule to form-meaning associative learning. <i>Psychophysiology</i> , 2021 , 58, e13834 | 4.1 | ○ |
| 4 | Similar activation patterns in the bilateral dorsal inferior frontal gyrus for monolingual and bilingual contexts in second language production. <i>Neuropsychologia</i> , 2021 , 156, 107857 | 3.2 | ○ |
| 3 | Correlation between squalene synthase promoter and WRKY transcription factor in <i>Camellia oleifera</i> . <i>Journal of Horticultural Science and Biotechnology</i> , 2021 , 96, 34-43 | 1.9 | ○ |
| 2 | Tribological Properties of the Functionalized Graphene/Montmorillonite Nanosheets as a Lubricant Additive. <i>Tribology Letters</i> , 2021 , 69, 1 | 2.8 | ○ |
| 1 | A Novel Sulfone Derivative Controls in Tea Leaf Spot by Reducing the Ergosterol Content. <i>Molecular Plant-Microbe Interactions</i> , 2021 , 34, 922-938 | 3.6 | ○ |