

Rui Yang

List of Publications by Year in descending order

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80
papers

2,099
citations

236833

25
h-index

265120

42
g-index

81
all docs

81
docs citations

81
times ranked

2470
citing authors

#	ARTICLE	IF	CITATIONS
1	A G3BP1-Interacting lncRNA Promotes Ferroptosis and Apoptosis in Cancer via Nuclear Sequestration of p53. <i>Cancer Research</i> , 2018, 78, 3484-3496.	0.4	335
2	EGLN1/c-Myc Induced Lymphoid-Specific Helicase Inhibits Ferroptosis through Lipid Metabolic Gene Expression Changes. <i>Theranostics</i> , 2017, 7, 3293-3305.	4.6	199
3	LncRNA <i>ZFAS1</i> as a SERCA2a Inhibitor to Cause Intracellular Ca ²⁺ Overload and Contractile Dysfunction in a Mouse Model of Myocardial Infarction. <i>Circulation Research</i> , 2018, 122, 1354-1368.	2.0	147
4	Multi-Color Fluorescent Carbon Dots: Graphitized sp ² 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.	1.7	68
5	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.	1.7	60
6	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.	4.6	54
7	Schottky functionalized Z-scheme heterojunction photocatalyst Ti2C3/g-C3N4/BiOCl: Efficient photocatalytic H2O2 production via two-channel pathway. <i>Applied Surface Science</i> , 2022, 572, 151525.	3.1	51
8	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.	2.4	49
9	Different Responses to Heat Shock Stress Revealed Heteromorphic Adaptation Strategy of <i>Pyropia haitanensis</i> (Bangiales, Rhodophyta). <i>PLoS ONE</i> , 2014, 9, e94354.	1.1	39
10	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.	2.6	39
11	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.	2.7	38
12	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, 277-285.	1.4	36
13	Nuclear EGFR-PKM2 axis induces cancer stem cell-like characteristics in irradiation-resistant cells. <i>Cancer Letters</i> , 2018, 422, 81-93.	3.2	36
14	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.	3.5	35
15	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.	3.6	33
16	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.	2.9	33
17	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.	1.5	32
18	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, 216-226.	0.6	32

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19	Channel directed rutin nano-encapsulation in phytoferritin induced by guanidine hydrochloride. <i>Food Chemistry</i> , 2018, 240, 935-939.	4.2	32
20	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.	2.0	31
21	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.	2.5	31
22	Spontaneous Imbibition of Three Leading Shale Formations in the Middle Yangtze Platform, South China. <i>Energy & Fuels</i> , 2017, 31, 6903-6916.	2.5	30
23	Solid pyrolysis synthesis of excitation-independent emission carbon dots and its application to isoniazid detection. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	0.8	30
24	Effect of Ganoderma lucidum 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.	1.2	29
25	Inclusion complex of GA-13316 with β -cyclodextrin: Preparation, characterization, molecular modeling, and in vitro evaluation. <i>Carbohydrate Polymers</i> , 2014, 111, 655-662.	5.1	26
26	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.	1.7	26
27	Inclusion complex of GA-13315 with cyclodextrins: Preparation, characterization, inclusion mode and properties. <i>Carbohydrate Polymers</i> , 2012, 89, 89-97.	5.1	23
28	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.	2.4	23
29	The Conversion of Jatropha Oil into Jet Fuel on NiMo/Al ₂ O ₃ /MCM-41 Catalyst: Intrinsic Synergic Effects between Ni and Mo. <i>Energy Technology</i> , 2019, 7, 1800809.	1.8	23
30	Adiponectin Attenuates Lipopolysaccharide-induced Apoptosis by Regulating the Cx43/PI3K/AKT Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 644225.	1.6	23
31	DNA methylation modifier LSH inhibits p53 ubiquitination and transactivates p53 to promote lipid metabolism. <i>Epigenetics and Chromatin</i> , 2019, 12, 59.	1.8	22
32	Transformation of Jatropha Oil into High-Quality Biofuel over Ni ₂ W Bimetallic Catalysts. <i>ACS Omega</i> , 2019, 4, 10580-10592.	1.6	22
33	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.	2.5	21
34	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.	2.4	19
35	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, 9192-9199.	2.4	18
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.	2.0	18

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37	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.	1.2	18
38	Revealing graphitic nitrogen participating in π-conjugated domain as emissive center of red carbon dots and applied to red room-temperature phosphorescence. <i>New Journal of Chemistry</i> , 2021, 45, 22335-22343.	1.4	18
39	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.	2.5	17
40	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.	1.5	16
41	Porous zinc(II)-organic framework with potential open metal sites: Synthesis, structure and property. <i>Science China Chemistry</i> , 2011, 54, 1436-1440.	4.2	13
42	Inclusion complexes of GA3 and the plant growth regulation activities. <i>Materials Science and Engineering C</i> , 2018, 91, 475-485.	3.8	13
43	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.	1.4	13
44	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.	1.7	12
45	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.	2.3	12
46	RDC-SAL: Refine distance compensating with quantum scale-aware learning for crowd counting and localization. <i>Applied Intelligence</i> , 2022, 52, 14336-14348.	3.3	12
47	Thermal Stability Improvement of Rice Bran Albumin Protein Incorporated with Epigallocatechin Gallate. <i>Journal of Food Science</i> , 2017, 82, 350-357.	1.5	11
48	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.	0.7	11
49	Integrated mRNA and Small RNA Sequencing for Analyzing Leaf Spot Pathogen <i>Didymella segeticola</i> and Its Host, Tea (<i>Camellia sinensis</i>), During Infection. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 127-130.	1.4	11
50	Tribological Properties of the Functionalized Graphene/Montmorillonite Nanosheets as a Lubricant Additive. <i>Tribology Letters</i> , 2021, 69, 1.	1.2	11
51	Semi-Supervised Adversarial Semantic Segmentation Network Using Transformer and Multiscale Convolution for High-Resolution Remote Sensing Imagery. <i>Remote Sensing</i> , 2022, 14, 1786.	1.8	11
52	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.	0.7	10
53	Antifungal Activity and Possible Mode of Action of Ningnanmycin Against Tea Gray Blight Disease Pathogen <i>Pseudoestalotopsis camelliae-sinensis</i> . <i>Phytopathology</i> , 2021, 111, 1735-1742.	1.1	10
54	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.	1.3	8

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55	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> , 2022, 62, 5203-5223.	5.4	8
56	Transcriptomic, Biochemical, and Morphological Study Reveals the Mechanism of Inhibition of <i>Pseudopestalotiopsis camelliae-sinensis</i> by Phenazine-1-Carboxylic Acid. <i>Frontiers in Microbiology</i> , 2021, 12, 618476.	1.5	8
57	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.	1.1	8
58	Multi-antenna compressed wideband spectrum sensing for cognitive radio. , 2011, , .		7
59	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.	1.9	7
60	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.	2.5	7
61	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.	2.5	6
62	The contributions of the left hippocampus and bilateral inferior parietal lobule to form-meaning associative learning. <i>Psychophysiology</i> , 2021, 58, e13834.	1.2	6
63	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.	2.3	6
64	A High CMRR Instrumentation Amplifier Employing Pseudo-Differential Inverter for Neural Signal Sensing. <i>IEEE Sensors Journal</i> , 2022, 22, 419-427.	2.4	6
65	Multi-Omics Analysis Reveals that the Antimicrobial Kasugamycin Potential Targets Nitrate Reductase in <i>Didymella segeticola</i> to Achieve Control of Tea Leaf Spot. <i>Phytopathology</i> , 2022, 112, 1894-1906.	1.1	5
66	Neural representation of phonological information during Chinese character reading. <i>Human Brain Mapping</i> , 2022, 43, 4013-4029.	1.9	5
67	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> , 2021, 35, 18637-18652.	2.5	4
68	Effects of organic nitrogen components from terrestrial input on the phytoplankton community in Jiaozhou Bay. <i>Marine Pollution Bulletin</i> , 2022, 174, 113316.	2.3	4
69	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-m180.	0.4	3
70	Disappearance of the filler—An interesting interfacial evolution during the photooxidative aging of polypropylene composites. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	3
71	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.	2.0	3
72	A Novel Sulfone Derivative Controls <i>Lasiodiplodia theobromae</i> in Tea Leaf Spot by Reducing the Ergosterol Content. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, MPMI-12-20-0343.	1.4	3

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73	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.	2.0	2
74	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.	0.9	2
75	Modeling the gasification based biomass co-firing in a 600MW pulverized coal boiler. , 2009, , .		1
76	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.	2.4	1
77	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.	0.7	1
78	Protein Engineering of <i>Pasteurella multocida</i> α 2,3-Sialyltransferase with Reduced α 2,3-Sialidase Activity and Application in Synthesis of α 2-Sialyllactose. <i>Catalysts</i> , 2022, 12, 579.	1.6	1
79	A research on fractal image compression based on fuzzy theory. , 2006, , .		0
80	Analysis and FPGA implementation of fast Ordering Detection Algorithm for V-BLAST system. , 2010, , .		0