

Yuanyuan Liu

List of Publications by Year in descending order

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47
papers

1,802
citations

331670

21
h-index

276875

41
g-index

47
all docs

47
docs citations

47
times ranked

2599
citing authors

#	ARTICLE	IF	CITATIONS
1	Research progress of in-situ gelling ophthalmic drug delivery system. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 1-15.	9.1	170
2	Dual pH-responsive multifunctional nanoparticles for targeted treatment of breast cancer by combining immunotherapy and chemotherapy. <i>Acta Biomaterialia</i> , 2018, 66, 310-324.	8.3	159
3	Mesoporous carbon nitride based biosensor for highly sensitive and selective analysis of phenol and catechol in compost bioremediation. <i>Biosensors and Bioelectronics</i> , 2014, 61, 519-525.	10.1	132
4	Highly effective adsorption of cationic and anionic dyes on magnetic Fe/Ni nanoparticles doped bimodal mesoporous carbon. <i>Journal of Colloid and Interface Science</i> , 2015, 448, 451-459.	9.4	113
5	AOPs-based remediation of petroleum hydrocarbons-contaminated soils: Efficiency, influencing factors and environmental impacts. <i>Chemosphere</i> , 2020, 246, 125726.	8.2	109
6	Hypoglycemic activity and gut microbiota regulation of a novel polysaccharide from <i>Grifola frondosa</i> in type 2 diabetic mice. <i>Food and Chemical Toxicology</i> , 2019, 126, 295-302.	3.6	108
7	Removal of Methylene Blue from Aqueous Solutions by Sewage Sludge Based Granular Activated Carbon: Adsorption Equilibrium, Kinetics, and Thermodynamics. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 2248-2253.	1.9	107
8	Structural characterization and antidiabetic potential of a novel heteropolysaccharide from <i>Grifola frondosa</i> via IRS1/PI3K-JNK signaling pathways. <i>Carbohydrate Polymers</i> , 2018, 198, 452-461.	10.2	98
9	Label free detection of lead using impedimetric sensor based on ordered mesoporous carbon@gold nanoparticles and DNAzyme catalytic beacons. <i>Talanta</i> , 2016, 146, 641-647.	5.5	64
10	Gold Nanobipyramids as Dual-Functional Substrates for in Situ Turn On Analyzing Intracellular Telomerase Activity Based on Target-Triggered Plasmon-Enhanced Fluorescence. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 26851-26858.	8.0	52
11	Effect of Marine Microalga <i>Chlorella pyrenoidosa</i> Ethanol Extract on Lipid Metabolism and Gut Microbiota Composition in High-Fat Diet-Fed Rats. <i>Marine Drugs</i> , 2018, 16, 498.	4.6	50
12	Hepatoprotective activity of <i>Ganoderma lucidum</i> triterpenoids in alcohol-induced liver injury in mice, an iTRAQ-based proteomic analysis. <i>Food Chemistry</i> , 2019, 271, 148-156.	8.2	45
13	Remediation of hexavalent chromium in contaminated soil using amorphous iron pyrite: Effect on leachability, bioaccessibility, phytotoxicity and long-term stability. <i>Environmental Pollution</i> , 2020, 264, 114804.	7.5	43
14	Simultaneously promoted reactive manganese species and hydroxyl radical generation by electro-permanganate with low additive ozone. <i>Water Research</i> , 2021, 189, 116623.	11.3	43
15	Core-Shell Nanoparticles Based on Pullulan and Poly(β -amino) Ester for Hepatoma-Targeted Codelivery of Gene and Chemotherapy Agent. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 18712-18720.	8.0	42
16	A polymeric prodrug of cisplatin based on pullulan for the targeted therapy against hepatocellular carcinoma. <i>International Journal of Pharmaceutics</i> , 2015, 483, 89-100.	5.2	38
17	Highly stretchable and tough alginate-based cyclodextrin/Azo-polyacrylamide interpenetrating network hydrogel with self-healing properties. <i>Carbohydrate Polymers</i> , 2021, 256, 117595.	10.2	35
18	Enhanced Reactive Oxygen Species Generation by Mitochondria Targeting of Anticancer Drug To Overcome Tumor Multidrug Resistance. <i>Biomacromolecules</i> , 2019, 20, 3755-3766.	5.4	34

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19	Enhanced dielectric performance and energy storage of PVDF/CHFP-based composites induced by surface charged Al ₂ O ₃ . <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 574-583.	2.1	33
20	Reduction and stabilization of Cr(VI) in soil by using calcium polysulfide: Catalysis of natural iron oxides. <i>Environmental Research</i> , 2020, 190, 109992.	7.5	31
21	Charge-Reversible Multifunctional HPMA Copolymers for Mitochondrial Targeting. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27563-27574.	8.0	27
22	Transcriptome profiling reveals the crucial biological pathways involved in cold response in Moso bamboo (<i>Phyllostachys edulis</i>). <i>Tree Physiology</i> , 2020, 40, 538-556.	3.1	27
23	Three novel transcription factors involved in cannabinoid biosynthesis in <i>Cannabis sativa</i> L.. <i>Plant Molecular Biology</i> , 2021, 106, 49-65.	3.9	26
24	Development of Rapid Curing SiO ₂ Aerogel Composite-Based Quasi-Solid-State Dye-Sensitized Solar Cells through Screen-Printing Technology. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 48794-48803.	8.0	23
25	Donnan Dialysis-Osmotic Distillation (DD-OD) Hybrid Process for Selective Ammonium Recovery Driven by Waste Alkali. <i>Environmental Science & Technology</i> , 2021, 55, 7015-7024.	10.0	17
26	The anti-hyperuricemic effects of green alga <i>Enteromorpha prolifera</i> polysaccharide via regulation of the uric acid transporters in vivo. <i>Food and Chemical Toxicology</i> , 2021, 158, 112630.	3.6	17
27	Transplantation of mesenchymal stem cells improves type 1 diabetes mellitus. <i>Cell and Tissue Research</i> , 2016, 364, 345-355.	2.9	16
28	CannabisGDB: a comprehensive genomic database for <i>Cannabis Sativa</i> L. <i>Plant Biotechnology Journal</i> , 2021, 19, 857-859.	8.3	16
29	Interfacial self-assembled behavior of pH/light-responsive host-guest alginate-based supra-amphiphiles for controlling emulsifying property. <i>Carbohydrate Polymers</i> , 2021, 266, 118121.	10.2	14
30	Segmental Janus nanoparticles of polymer composites. <i>Chemical Communications</i> , 2019, 55, 8114-8117.	4.1	13
31	Effectiveness and mechanism of cyanide remediation from contaminated soils using thermally activated persulfate. <i>Chemosphere</i> , 2022, 292, 133463.	8.2	12
32	The transcriptional dynamics during <i>de novo</i> shoot organogenesis of Ma bamboo (<i>Dendrocalamus latiflorus</i> Munro): implication of the contributions of the abiotic stress response in this process. <i>Plant Journal</i> , 2021, 107, 1513-1532.	5.7	10
33	Regio- and stereoselective reduction of 17-oxosteroids to 17 ^β -hydroxysteroids by a yeast strain <i>Zygowillioopsis</i> sp. WY7905. <i>Steroids</i> , 2017, 118, 17-24.	1.8	9
34	Particle-size-based elution of petroleum hydrocarbon contaminated soil by surfactant mixture. <i>Journal of Environmental Management</i> , 2022, 302, 113983.	7.8	9
35	Effects of pore morphology and moisture on CBM-related sorption-induced coal deformation: An experimental investigation. <i>Energy Science and Engineering</i> , 2021, 9, 1180-1201.	4.0	8
36	A two-wavelength fluorescence recovery method for the simultaneous determination of aureomycin and oxytetracycline by using gold nanocrystals modified with serine and 11-mercaptopoundecanoic acid. <i>Mikrochimica Acta</i> , 2018, 185, 222.	5.0	6

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37	The Optimization of DNA Encoding Based on Chaotic Optimization Particle Swarm Algorithm. Journal of Computational and Theoretical Nanoscience, 2016, 13, 443-449.	0.4	6
38	Fucosylated oligosaccharide Lacto-N-fucopentaose I ameliorates enterovirus 71 infection by inhibiting apoptosis. Food Chemistry: X, 2022, 13, 100244.	4.3	6
39	FFGA1 Protein Is Essential for Regulating Vegetative Growth, Cell Wall Integrity, and Protection against Stress in <i>Flammulina filiformis</i> . Journal of Fungi (Basel, Switzerland), 2022, 8, 401.	3.5	6
40	Optimization of extraction technology of poly-mannuronic acid to a green delivery system for the water-insoluble pesticide, δ -Cyhalothrin. International Journal of Biological Macromolecules, 2020, 153, 17-25.	7.5	5
41	A versatile protoplast system and its application in <i>Cannabis sativa</i> L.. Botany, 2023, 101, 291-300.	1.0	5
42	Treponema primitia α -2-fucosyltransferase-catalyzed one-pot multienzyme synthesis of fucosylated oligosaccharide lacto-N-fucopentaose I with antiviral activity against enterovirus 71. Food Chemistry: X, 2022, 14, 100273.	4.3	5
43	A novel V^{2+} ligand-modified HPMA copolymers for anticancer drug delivery. Journal of Drug Targeting, 2018, 26, 231-241.	4.4	4
44	Online Adaptive Approximate Stream Processing With Customized Error Control. IEEE Access, 2019, 7, 25123-25137.	4.2	3
45	Quantitative Assessment of Coal Seam Permeability Improvement Around an Enlarged Borehole in Gas Extraction Engineering: A Method for Field Application. Transport in Porous Media, 2022, 143, 103-125.	2.6	3
46	Feasibility study: Low-cost dual energy CT for security inspection. , 2009, , .		2
47	Performance of a sequential anaerobic baffled reactor (ABR)/membrane bioreactor (MBR) system treating caffeine wastewater. , 2011, , .		1