

Huanhuan Liu

List of Publications by Year in Descending Order

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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.

30
papers

392
citations

12
h-index

19
g-index

30
ext. papers

530
ext. citations

6.6
avg, IF

4.17
L-index

#	Paper	IF	Citations
30	High-efficiency adsorption of Cd(II) and Co(II) by ethylenediaminetetraacetic dianhydride-modified orange peel as a novel synthesized adsorbent. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	2
29	Production of Heterodimeric Diketopiperazines Employing a γ -Based Whole-Cell Biocatalysis System. <i>Journal of Organic Chemistry</i> , 2021 , 86, 11189-11197	4.2	2
28	Non-natural Aldol Reactions Enable the Design and Construction of Novel One-Carbon Assimilation Pathways. <i>Frontiers in Microbiology</i> , 2021 , 12, 677596	5.7	3
27	Construction and optimization of a microbial platform for sustainable biosynthesis of poly-N-acetyllactosamine glycoprotein in the cytoplasm for detecting tumor biomarker galectin-3. <i>Green Chemistry</i> , 2021 , 23, 2668-2684	10	
26	Comparative metabolomics analysis reveals the metabolic regulation mechanism of yellow pigment overproduction by <i>Monascus</i> using ammonium chloride as a nitrogen source. <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 6369-6379	5.7	2
25	Isotherm, kinetics, and adsorption mechanism studies of diethylenetriaminepentaacetic acid-modified banana/pomegranate peels as efficient adsorbents for removing Cd(II) and Ni(II) from aqueous solution. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	1
24	Integrative Metabolomic and Transcriptomic Analyses Uncover Metabolic Alterations and Pigment Diversity in Response to Different Nitrogen Sources. <i>MSystems</i> , 2021 , 6, e0080721	7.6	3
23	Terminal methyl as a one-carbon synthon: synthesis of quinoxaline derivatives via radical-type transformation. <i>New Journal of Chemistry</i> , 2020 , 44, 2465-2470	3.6	12
22	Molecular insight on the binding of monascin to bovine serum albumin (BSA) and its effect on antioxidant characteristics of monascin. <i>Food Chemistry</i> , 2020 , 315, 126228	8.5	12
21	Gene coexpression network analysis reveals a novel metabolic mechanism of responding to phenolic inhibitors from lignocellulosic hydrolysates. <i>Biotechnology for Biofuels</i> , 2020 , 13, 163	7.8	9
20	Structural characterisation and immunomodulatory activity of polysaccharides from white asparagus skin. <i>Carbohydrate Polymers</i> , 2020 , 227, 115314	10.3	37
19	The antibiotic activity and mechanisms of active metabolites (<i>Streptomyces alboflavus</i> TD-1) against <i>Ralstonia solanacearum</i> . <i>Biotechnology Letters</i> , 2019 , 41, 1213-1222	3	2
18	Negative regulation of bleomycins biosynthesis by ArsR/SmtB family repressor BlmR in <i>Streptomyces verticillus</i> . <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 6629-6644	5.7	3
17	Biocontrol activity of volatile organic compounds from <i>Streptomyces alboflavus</i> TD-1 against <i>Aspergillus flavus</i> growth and aflatoxin production. <i>Journal of Microbiology</i> , 2019 , 57, 396-404	3	20
16	Omics-based analyses revealed metabolic responses of to lignocellulose-derived inhibitors furfural, formic acid and phenol stress for butanol fermentation. <i>Biotechnology for Biofuels</i> , 2019 , 12, 101	7.8	29
15	Transcriptomic Insights into Benzenamine Effects on the Development, Aflatoxin Biosynthesis, and Virulence of. <i>Toxins</i> , 2019 , 11,	4.9	8
14	A biocatalytic hydroxylation-enabled unified approach to C19-hydroxylated steroids. <i>Nature Communications</i> , 2019 , 10, 3378	17.4	17

13	Octa[4-(9-carbazolyl)phenyl]silsesquioxane-Based Porous Material for Dyes Adsorption and Sensing of Nitroaromatic Compounds. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 3363-3369	4.5	12
12	Metabolomics assisted metabolic network modeling and network wide analysis of metabolites in microbiology. <i>Critical Reviews in Biotechnology</i> , 2018 , 38, 1106-1120	9.4	11
11	Metabolic engineering of Escherichia coli for 1,3-propanediol biosynthesis from glycerol. <i>Bioresource Technology</i> , 2018 , 267, 599-607	11	15
10	Metabolomic and proteomic analysis of D-lactate-producing Lactobacillus delbrueckii under various fermentation conditions. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2018 , 45, 681-696	4.2	8
9	Comparative proteomic and metabolomic analysis of Streptomyces tsukubaensis reveals the metabolic mechanism of FK506 overproduction by feeding soybean oil. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 2447-2465	5.7	22
8	Selective dye adsorption and metal ion detection using multifunctional silsesquioxane-based tetraphenylethene-linked nanoporous polymers. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 9156-9162	13	97
7	Enhancement of rapamycin production by metabolic engineering in Streptomyces hygroscopicus based on genome-scale metabolic model. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017 , 44, 259-270	4.2	15
6	Integrating multi-omics analyses of Nonomuraea dietziae to reveal the role of soybean oil in [(4VOH)MeLeu]-CsA overproduction. <i>Microbial Cell Factories</i> , 2017 , 16, 120	6.4	1
5	One-pot three-component synthesis of quinazolines via a copper-catalysed oxidative amination reaction. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 6561-7	3.9	22
4	Integrated intracellular metabolic profiling and pathway analysis approaches reveal complex metabolic regulation by Clostridium acetobutylicum. <i>Microbial Cell Factories</i> , 2016 , 15, 36	6.4	14
3	Omics-based approaches reveal phospholipids remodeling of Rhizopus oryzae responding to furfural stress for fumaric acid-production from xylose. <i>Bioresource Technology</i> , 2016 , 222, 24-32	11	9
2	Ionothermal synthesis of Ce/Nd-containing UiO-7 molecular sieve in eutectic mixture. <i>Journal of Porous Materials</i> , 2015 , 22, 571-576	2.4	
1	Co-deposition motif for constructing inverse opal photonic crystals with pH sensing. <i>RSC Advances</i> , 2015 , 5, 69263-69267	3.7	4