

Huanhuan Liu

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

639
citations

623188

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h-index

580395

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all docs

30
docs citations

30
times ranked

997
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.2	123
2	Structural characterisation and immunomodulatory activity of polysaccharides from white asparagus skin. <i>Carbohydrate Polymers</i> , 2020, 227, 115314.	5.1	72
3	Omics-based analyses revealed metabolic responses of <i>Clostridium acetobutylicum</i> to lignocellulose-derived inhibitors furfural, formic acid and phenol stress for butanol fermentation. <i>Biotechnology for Biofuels</i> , 2019, 12, 101.	6.2	42
4	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.	1.3	41
5	A biocatalytic hydroxylation-enabled unified approach to C19-hydroxylated steroids. <i>Nature Communications</i> , 2019, 10, 3378.	5.8	34
6	Comparative proteomic and metabolomic analysis of <i>Streptomyces tsukubaensis</i> reveals the metabolic mechanism of FK506 overproduction by feeding soybean oil. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 2447-2465.	1.7	32
7	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.	4.2	32
8	One-pot three-component synthesis of quinazolines via a copper-catalysed oxidative amination reaction. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6561-6567.	1.5	30
9	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.	1.4	24
10	Enhancement of rapamycin production by metabolic engineering in <i>Streptomyces hygroscopicus</i> based on genome-scale metabolic model. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 259-270.	1.4	22
11	Metabolic engineering of <i>Escherichia coli</i> for 1,3-propanediol biosynthesis from glycerol. <i>Bioresource Technology</i> , 2018, 267, 599-607.	4.8	22
12	Metabolomic and proteomic analysis of <i>Lactobacillus delbrueckii</i> under various fermentation conditions. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2018, 45, 681-696.	1.4	16
13	Gene coexpression network analysis reveals a novel metabolic mechanism of <i>Clostridium acetobutylicum</i> responding to phenolic inhibitors from lignocellulosic hydrolysates. <i>Biotechnology for Biofuels</i> , 2020, 13, 163.	6.2	16
14	Integrated intracellular metabolic profiling and pathway analysis approaches reveal complex metabolic regulation by <i>Clostridium acetobutylicum</i> . <i>Microbial Cell Factories</i> , 2016, 15, 36.	1.9	15
15	Omics-based approaches reveal phospholipids remodeling of <i>Rhizopus oryzae</i> responding to furfural stress for fumaric acid-production from xylose. <i>Bioresource Technology</i> , 2016, 222, 24-32.	4.8	13
16	Metabolomics assisted metabolic network modeling and network wide analysis of metabolites in microbiology. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 1106-1120.	5.1	13
17	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.	1.7	13
18	Non-natural Aldol Reactions Enable the Design and Construction of Novel One-Carbon Assimilation Pathways in vitro. <i>Frontiers in Microbiology</i> , 2021, 12, 677596.	1.5	13

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19	Transcriptomic Insights into Benzenamine Effects on the Development, Aflatoxin Biosynthesis, and Virulence of <i>Aspergillus flavus</i> . <i>Toxins</i> , 2019, 11, 70.	1.5	12
20	Production of Heterodimeric Diketopiperazines Employing a <i>Mycobacterium</i> -Based Whole-Cell Biocatalysis System. <i>Journal of Organic Chemistry</i> , 2021, 86, 11189-11197.	1.7	9
21	Integrative Metabolomic and Transcriptomic Analyses Uncover Metabolic Alterations and Pigment Diversity in <i>Monascus</i> in Response to Different Nitrogen Sources. <i>MSystems</i> , 2021, 6, e0080721.	1.7	9
22	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.	1.7	8
23	Co-deposition motif for constructing inverse opal photonic crystals with pH sensing. <i>RSC Advances</i> , 2015, 5, 69263-69267.	1.7	6
24	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.	1.7	6
25	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.	2.7	5
26	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.	1.1	4
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.	4.6	3
28	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> , 2022, 29, 3051-3061.	2.7	3
29	Integrating multi-omics analyses of <i>Nonomuraea dietziae</i> to reveal the role of soybean oil in [(4-OH)MeLeu] ₄ -CsA overproduction. <i>Microbial Cell Factories</i> , 2017, 16, 120.	1.9	1
30	Ionothermal synthesis of Ce/Nd-containing UiO-7 molecular sieve in eutectic mixture. <i>Journal of Porous Materials</i> , 2015, 22, 571-576.	1.3	0