

Jifeng Yuan

List of Publications by Year in descending order

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32
papers

860
citations

623734

14
h-index

501196

28
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36
all docs

36
docs citations

36
times ranked

1053
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytotoxicity Evaluation of Oxidized Single-Walled Carbon Nanotubes and Graphene Oxide on Human Hepatoma HepG2 cells: An iTRAQ-Coupled 2D LC-MS/MS Proteome Analysis. <i>Toxicological Sciences</i> , 2012, 126, 149-161.	3.1	128
2	Dynamic control of ERG9 expression for improved amorpha-4,11-diene production in <i>Saccharomyces cerevisiae</i> . <i>Microbial Cell Factories</i> , 2015, 14, 38.	4.0	90
3	Mitochondrial acetyl-CoA utilization pathway for terpenoid productions. <i>Metabolic Engineering</i> , 2016, 38, 303-309.	7.0	86
4	Comparative protein profile of human hepatoma HepG2 cells treated with graphene and single-walled carbon nanotubes: An iTRAQ-coupled 2D LC-MS/MS proteome analysis. <i>Toxicology Letters</i> , 2011, 207, 213-221.	0.8	76
5	Combinatorial engineering of mevalonate pathway for improved amorpha-4,11-diene production in budding yeast. <i>Biotechnology and Bioengineering</i> , 2014, 111, 608-617.	3.3	49
6	Combinatorial Assembly of Large Biochemical Pathways into Yeast Chromosomes for Improved Production of Value-added Compounds. <i>ACS Synthetic Biology</i> , 2015, 4, 23-31.	3.8	47
7	Metabolically engineered <i>Saccharomyces cerevisiae</i> for enhanced isoamyl alcohol production. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 465-474.	3.6	32
8	Engineering the leucine biosynthetic pathway for isoamyl alcohol overproduction in <i>Saccharomyces cerevisiae</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 107-117.	3.0	30
9	One-Pot Cascade Biotransformation for Efficient Synthesis of Benzyl Alcohol and Its Analogs. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1018-1021.	3.3	28
10	Engineering an Optogenetic CRISPRi Platform for Improved Chemical Production. <i>ACS Synthetic Biology</i> , 2021, 10, 125-131.	3.8	28
11	Enhanced bio-hydrogen production from cornstalk hydrolysate pretreated by alkaline-enzymolysis with orthogonal design method. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 3750-3759.	7.1	21
12	One-Pot Bioconversion of Lignin-Derived Substrates into Gallic Acid. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 11336-11341.	5.2	21
13	High-Yielding Protocatechuic Acid Synthesis from <i>l</i> -Tyrosine in <i>Escherichia coli</i> . <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 14949-14954.	6.7	18
14	Cytotoxicity of single-walled carbon nanotubes on human hepatoma HepG2 cells: An iTRAQ-coupled 2D LC-MS/MS proteome analysis. <i>Toxicology in Vitro</i> , 2011, 25, 1820-1827.	2.4	17
15	Metabolically engineered <i>Saccharomyces cerevisiae</i> for branched-chain ester productions. <i>Journal of Biotechnology</i> , 2016, 239, 90-97.	3.8	17
16	Engineering <i>Escherichia coli</i> for High-Yielding Hydroxytyrosol Synthesis from Biobased <i>l</i> -Tyrosine. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7691-7696.	5.2	16
17	High-Yielding Terpene-Based Biofuel Production in <i>Rhodobacter capsulatus</i> . <i>ACS Synthetic Biology</i> , 2021, 10, 1545-1552.	3.8	15
18	Engineering a Synthetic Pathway for Tyrosol Synthesis in <i>Escherichia coli</i> . <i>ACS Synthetic Biology</i> , 2022, 11, 441-447.	3.8	14

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19	Renewable Vanillylamine Synthesis from Lignin-Derived Feedstocks. ACS Agricultural Science and Technology, 2021, 1, 566-571.	2.3	13
20	Programming Saposin-Mediated Compensatory Metabolic Sinks for Enhanced Ubiquinone Production. ACS Synthetic Biology, 2016, 5, 1404-1411.	3.8	12
21	<i>De Novo</i> Biosynthesis of (<i>S</i>- and (<i>R</i>-)Phenylethanol in Yeast <i>via</i> Artificial Enzyme Cascades. ACS Synthetic Biology, 2019, 8, 1801-1808.	3.8	12
22	New Set of Yeast Vectors for Shuttle Expression in <i>Escherichia coli</i>. ACS Omega, 2021, 6, 7175-7180.	3.5	12
23	Bioconversion of Lignin-Derived Feedstocks to Muconic Acid by Whole-Cell Biocatalysis. ACS Food Science & Technology, 2021, 1, 382-387.	2.7	11
24	Engineering <i>Saccharomyces cerevisiae</i>-based biosensors for copper detection. Microbial Biotechnology, 2022, 15, 2854-2860.	4.2	11
25	Utilization of a styrene-derived pathway for 2-phenylethanol production in budding yeast. Applied Microbiology and Biotechnology, 2021, 105, 2333-2340.	3.6	10
26	Efficient Synthesis of Phenylacetate and 2-Phenylethanol by Modular Cascade Biocatalysis. ChemBioChem, 2020, 21, 2676-2679.	2.6	9
27	Characterization of Three <i>Paris polyphylla</i> Glycosyltransferases from Different UGT Families for Steroid Functionalization. ACS Synthetic Biology, 2022, 11, 1669-1680.	3.8	8
28	Photo-fermentative hydrogen production performance of a newly isolated Rubrivivax gelatinosus YPO3 strain with acid tolerance. International Journal of Hydrogen Energy, 2022, 47, 20784-20792.	7.1	8
29	One-Pot Synthesis of Aromatic Amines from Renewable Feedstocks via Whole-Cell Biocatalysis. ChemistrySelect, 2020, 5, 14292-14295.	1.5	7
30	CRISPR/Cas12a-mediated genome engineering in the photosynthetic bacterium <i>Rhodospirillum rubrum</i>. Microbial Biotechnology, 2021, 14, 2700-2710.	4.2	7
31	Microbial synthesis of 4-hydroxybenzoic acid from renewable feedstocks. Food Chemistry Molecular Sciences, 2021, 3, 100059.	2.1	4
32	A Four-Step Enzymatic Cascade for Efficient Production of L-Phenylglycine from Biobased L-Phenylalanine. ChemBioChem, 2022, 23, .	2.6	1