

Ying Hou

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.

24
papers

543
citations

13
h-index

23
g-index

29
ext. papers

695
ext. citations

6.2
avg, IF

4.08
L-index

#	Paper	IF	Citations
24	Constructing a methanol-dependent <i>Bacillus subtilis</i> by engineering the methanol metabolism.. <i>Journal of Biotechnology</i> , 2021 , 343, 128-137	3.7	0
23	Dynamic multi-objective differential evolution algorithm based on the information of evolution progress. <i>Science China Technological Sciences</i> , 2021 , 64, 1676-1689	3.5	4
22	Dynamic MOPSO-Based Optimal Control for Wastewater Treatment Process. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 2518-2528	10.2	4
21	Physicochemical and thermal characteristics of <i>Moringa oleifera</i> seed oil. <i>Advanced Composites and Hybrid Materials</i> , 2021 , 4, 685-695	8.7	4
20	Self-Adjusting Multi-Task Particle Swarm Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2021 , 1-1	15.6	1
19	High-performance three-dimensional nanoporous gold based electrodes for flexible all-solid-state supercapacitors. <i>Journal of Porous Materials</i> , 2020 , 27, 1309-1317	2.4	1
18	Antifungal mechanisms of ϵ -poly-L-Lysine with different molecular weights on <i>Saccharomyces cerevisiae</i> . <i>Korean Journal of Chemical Engineering</i> , 2020 , 37, 482-492	2.8	2
17	Preparation of High-Density Fuel Through Dimerization of ϵ -Pinene. <i>Chemical Engineering and Technology</i> , 2020 , 43, 2259-2265	2	5
16	Acid-resistant enzyme@MOF nanocomposites with mesoporous silica shells for enzymatic applications in acidic environments. <i>Journal of Biotechnology</i> , 2019 , 306, 54-61	3.7	16
15	Combination of multi-enzyme expression fine-tuning and co-substrates addition improves phenyllactic acid production with an <i>Escherichia coli</i> whole-cell biocatalyst. <i>Bioresource Technology</i> , 2019 , 287, 121423	11	20
14	Carbonic Anhydrase@ZIF-8 Hydrogel Composite Membrane with Improved Recycling and Stability for Efficient CO Capture. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 3372-3379	5.7	31
13	Optimal control for wastewater treatment process based on an adaptive multi-objective differential evolution algorithm. <i>Neural Computing and Applications</i> , 2019 , 31, 2537-2550	4.8	16
12	Adaptive fuzzy neural network control of wastewater treatment process with multiobjective operation. <i>Neurocomputing</i> , 2018 , 275, 383-393	5.4	51
11	A new approach for efficient synthesis of phenyllactic acid from L-phenylalanine: Pathway design and cofactor engineering. <i>Journal of Food Biochemistry</i> , 2018 , 42, e12584	3.3	9
10	Enzymes@ZIF-8 Nanocomposites with Protection Nanocoating: Stability and Acid-Resistant Evaluation. <i>Polymers</i> , 2018 , 11,	4.5	29
9	Enhanced bacterial cellulose production by <i>Gluconacetobacter xylinus</i> via expression of <i>Vitreoscilla</i> hemoglobin and oxygen tension regulation. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 1155-1165	5.7	41
8	Metabolic engineering of cofactor flavin adenine dinucleotide (FAD) synthesis and regeneration in <i>Escherichia coli</i> for production of β -keto acids. <i>Biotechnology and Bioengineering</i> , 2017 , 114, 1928-1936	4.9	20

7	Preparation and characterization of a photocatalytic antibacterial material: Graphene oxide/TiO ₂ /bacterial cellulose nanocomposite. <i>Carbohydrate Polymers</i> , 2017 , 174, 1078-1086	10.3	52
6	Nonlinear Model Predictive Control Based on a Self-Organizing Recurrent Neural Network. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 402-15	10.3	86
5	Combination of phenylpyruvic acid (PPA) pathway engineering and molecular engineering of L-amino acid deaminase improves PPA production with an Escherichia coli whole-cell biocatalyst. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 2183-91	5.7	24
4	Two-Step Production of Phenylpyruvic Acid from L-Phenylalanine by Growing and Resting Cells of Engineered Escherichia coli: Process Optimization and Kinetics Modeling. <i>PLoS ONE</i> , 2016 , 11, e0166457 ^{3.7}	3.7	8
3	Production of phenylpyruvic acid from L-phenylalanine using an L-amino acid deaminase from Proteus mirabilis: comparison of enzymatic and whole-cell biotransformation approaches. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 8391-402	5.7	40
2	Nanoporous metal based flexible asymmetric pseudocapacitors. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 10910-10916	13	77
1	Fatty acid composition and thermal characteristics of Malania oleifera seed oil. <i>Advanced Composites and Hybrid Materials</i> , 1	8.7	0