

Ying Hou

List of Publications by Citations

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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 | 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 |
| 23 | Nanoporous metal based flexible asymmetric pseudocapacitors. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 10910-10916 | 13 | 77 |
| 22 | 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 |
| 21 | Adaptive fuzzy neural network control of wastewater treatment process with multiobjective operation. <i>Neurocomputing</i> , 2018 , 275, 383-393 | 5.4 | 51 |
| 20 | 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 |
| 19 | Production of phenylpyruvic acid from L-phenylalanine using an L-amino acid deaminase from <i>Proteus mirabilis</i> : comparison of enzymatic and whole-cell biotransformation approaches. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 8391-402 | 5.7 | 40 |
| 18 | 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 |
| 17 | Enzymes@ZIF-8 Nanocomposites with Protection Nanocoating: Stability and Acid-Resistant Evaluation. <i>Polymers</i> , 2018 , 11, | 4.5 | 29 |
| 16 | Combination of phenylpyruvic acid (PPA) pathway engineering and molecular engineering of L-amino acid deaminase improves PPA production with an <i>Escherichia coli</i> whole-cell biocatalyst. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 2183-91 | 5.7 | 24 |
| 15 | Metabolic engineering of cofactor flavin adenine dinucleotide (FAD) synthesis and regeneration in <i>Escherichia coli</i> for production of α -keto acids. <i>Biotechnology and Bioengineering</i> , 2017 , 114, 1928-1936 | 4.9 | 20 |
| 14 | 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 |
| 13 | 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 |
| 12 | 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 |
| 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 | Two-Step Production of Phenylpyruvic Acid from L-Phenylalanine by Growing and Resting Cells of Engineered <i>Escherichia coli</i> : Process Optimization and Kinetics Modeling. <i>PLoS ONE</i> , 2016 , 11, e0166457 | 3.7 | 8 |
| 9 | Preparation of High-Density Fuel Through Dimerization of α -Pinene. <i>Chemical Engineering and Technology</i> , 2020 , 43, 2259-2265 | 2 | 5 |
| 8 | 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 |

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| 7 | Dynamic MOPSO-Based Optimal Control for Wastewater Treatment Process. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 2518-2528 | 10.2 | 4 |
| 6 | Physicochemical and thermal characteristics of Moringa oleifera seed oil. <i>Advanced Composites and Hybrid Materials</i> , 2021 , 4, 685-695 | 8.7 | 4 |
| 5 | Antifungal mechanisms of Epoxy-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 |
| 4 | 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 |
| 3 | Self-Adjusting Multi-Task Particle Swarm Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2021 , 1-1 | 15.6 | 1 |
| 2 | 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 |
| 1 | Fatty acid composition and thermal characteristics of Malaria oleifera seed oil. <i>Advanced Composites and Hybrid Materials</i> ,1 | 8.7 | 0 |