

Xiaomei Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

705
citations

686830

13
h-index

839053

18
g-index

19
all docs

19
docs citations

19
times ranked

766
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | MACBETH: Multiplex automated <i>Corynebacterium glutamicum</i> base editing method. <i>Metabolic Engineering</i> , 2018, 47, 200-210. | 3.6 | 139 |
| 2 | 5S rRNA Promoter for Guide RNA Expression Enabled Highly Efficient CRISPR/Cas9 Genome Editing in <i>Aspergillus niger</i> . <i>ACS Synthetic Biology</i> , 2019, 8, 1568-1574. | 1.9 | 96 |
| 3 | Moulding the mould: understanding and reprogramming filamentous fungal growth and morphogenesis for next generation cell factories. <i>Biotechnology for Biofuels</i> , 2019, 12, 77. | 6.2 | 92 |
| 4 | Tet-on, or Tet-off, that is the question: Advanced conditional gene expression in <i>Aspergillus</i> . <i>Fungal Genetics and Biology</i> , 2016, 89, 72-83. | 0.9 | 77 |
| 5 | Systems metabolic engineering for citric acid production by <i>Aspergillus niger</i> in the post-genomic era. <i>Microbial Cell Factories</i> , 2019, 18, 28. | 1.9 | 71 |
| 6 | A quantitative image analysis pipeline for the characterization of filamentous fungal morphologies as a tool to uncover targets for morphology engineering: a case study using <i>aplD</i> in <i>Aspergillus niger</i> . <i>Biotechnology for Biofuels</i> , 2019, 12, 149. | 6.2 | 42 |
| 7 | Heterologous and endogenous U6 snRNA promoters enable CRISPR/Cas9 mediated genome editing in <i>Aspergillus niger</i> . <i>Fungal Biology and Biotechnology</i> , 2018, 5, 2. | 2.5 | 38 |
| 8 | Functional exploration of co-expression networks identifies a nexus for modulating protein and citric acid titres in <i>Aspergillus niger</i> submerged culture. <i>Fungal Biology and Biotechnology</i> , 2019, 6, 18. | 2.5 | 22 |
| 9 | Disruption or reduced expression of the orotidine-5- ϵ -decarboxylase gene <i>pyrG</i> increases citric acid production: a new discovery during recyclable genome editing in <i>Aspergillus niger</i> . <i>Microbial Cell Factories</i> , 2020, 19, 76. | 1.9 | 22 |
| 10 | GREACE-assisted adaptive laboratory evolution in endpoint fermentation broth enhances lysine production by <i>Escherichia coli</i> . <i>Microbial Cell Factories</i> , 2019, 18, 106. | 1.9 | 19 |
| 11 | Comprehensive Improvement of Sample Preparation Methodologies Facilitates Dynamic Metabolomics of <i>Aspergillus niger</i> . <i>Biotechnology Journal</i> , 2019, 14, 1800315. | 1.8 | 18 |
| 12 | Turning Inside Out: Filamentous Fungal Secretion and Its Applications in Biotechnology, Agriculture, and the Clinic. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 535. | 1.5 | 17 |
| 13 | Comprehensively dissecting the hub regulation of PkaC on high-productivity and pellet macromorphology in citric acid producing <i>Aspergillus niger</i> . <i>Microbial Biotechnology</i> , 2022, 15, 1867-1882. | 2.0 | 16 |
| 14 | Comprehensive optimization of the metabolomic methodology for metabolite profiling of <i>Corynebacterium glutamicum</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7113-7121. | 1.7 | 13 |
| 15 | Evaluation of <i>Aspergillus niger</i> Six Constitutive Strong Promoters by Fluorescent-Auxotrophic Selection Coupled with Flow Cytometry: A Case for Citric Acid Production. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 535. | 1.5 | 17 |
| 16 | A Library of <i>Aspergillus niger</i> Chassis Strains for Morphology Engineering Connects Strain Fitness and Filamentous Growth With Submerged Macromorphology. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 820088. | 2.0 | 8 |