Xiaomei Zheng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1981504/publications.pdf

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16	705	686830 13	839053 18
papers	citations	h-index	g-index

19	19	19	766
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comprehensively dissecting the hub regulation of PkaC on highâ€productivity and pellet macromorphology in citric acid producing Aspergillus niger. Microbial Biotechnology, 2022, 15, 1867-1882.	2.0	16
2	Evaluation of Aspergillus niger Six Constitutive Strong Promoters by Fluorescent-Auxotrophic Selection Coupled with Flow Cytometry: A Case for Citric Acid Production. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.5	11
3	Turning Inside Out: Filamentous Fungal Secretion and Its Applications in Biotechnology, Agriculture, and the Clinic. Journal of Fungi (Basel, Switzerland), 2021, 7, 535.	1.5	17
4	A Library of Aspergillus niger Chassis Strains for Morphology Engineering Connects Strain Fitness and Filamentous Growth With Submerged Macromorphology. Frontiers in Bioengineering and Biotechnology, 2021, 9, 820088.	2.0	8
5	Disruption or reduced expression of the orotidine-5â€²-decarboxylase gene pyrG increases citric acid production: a new discovery during recyclable genome editing in Aspergillus niger. Microbial Cell Factories, 2020, 19, 76.	1.9	22
6	Comprehensive Improvement of Sample Preparation Methodologies Facilitates Dynamic Metabolomics ofAspergillus niger. Biotechnology Journal, 2019, 14, 1800315.	1.8	18
7	Systems metabolic engineering for citric acid production by Aspergillus niger in the post-genomic era. Microbial Cell Factories, 2019, 18, 28.	1.9	71
8	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 aplD in Aspergillus niger. Biotechnology for Biofuels, 2019, 12, 149.	6.2	42
9	GREACE-assisted adaptive laboratory evolution in endpoint fermentation broth enhances lysine production by Escherichia coli. Microbial Cell Factories, 2019, 18, 106.	1.9	19
10	Moulding the mould: understanding and reprogramming filamentous fungal growth and morphogenesis for next generation cell factories. Biotechnology for Biofuels, 2019, 12, 77.	6.2	92
11	Functional exploration of co-expression networks identifies a nexus for modulating protein and citric acid titres in Aspergillus niger submerged culture. Fungal Biology and Biotechnology, 2019, 6, 18.	2.5	22
12	5S rRNA Promoter for Guide RNA Expression Enabled Highly Efficient CRISPR/Cas9 Genome Editing in Aspergillus niger. ACS Synthetic Biology, 2019, 8, 1568-1574.	1.9	96
13	MACBETH: Multiplex automated Corynebacterium glutamicum base editing method. Metabolic Engineering, 2018, 47, 200-210.	3.6	139
14	Heterologous and endogenous U6 snRNA promoters enable CRISPR/Cas9 mediated genome editing in Aspergillus niger. Fungal Biology and Biotechnology, 2018, 5, 2.	2.5	38
15	Comprehensive optimization of the metabolomic methodology for metabolite profiling of Corynebacterium glutamicum. Applied Microbiology and Biotechnology, 2018, 102, 7113-7121.	1.7	13
16	Tet-on, or Tet-off, that is the question: Advanced conditional gene expression in Aspergillus. Fungal Genetics and Biology, 2016, 89, 72-83.	0.9	77