

Feiran Li

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

503
citations

1040056

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1281871

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15
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-scale modeling of yeast metabolism: retrospectives and perspectives. <i>FEMS Yeast Research</i> , 2022, 22, .	2.3	20
2	Improving recombinant protein production by yeast through genome-scale modeling using proteome constraints. <i>Nature Communications</i> , 2022, 13, .	12.8	18
3	Deep learning-based kcat prediction enables improved enzyme-constrained model reconstruction. <i>Nature Catalysis</i> , 2022, 5, 662-672.	34.4	98
4	Evaluating accessibility, usability and interoperability of genome-scale metabolic models for diverse yeasts species. <i>FEMS Yeast Research</i> , 2021, 21, .	2.3	6
5	Yeast optimizes metal utilization based on metabolic network and enzyme kinetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	22
6	Yeast metabolic innovations emerged via expanded metabolic network and gene positive selection. <i>Molecular Systems Biology</i> , 2021, 17, e10427.	7.2	17
7	Different Routes of Protein Folding Contribute to Improved Protein Production in <i>Saccharomyces cerevisiae</i> . <i>MBio</i> , 2020, 11, .	4.1	12
8	A consensus <i>S. cerevisiae</i> metabolic model Yeast8 and its ecosystem for comprehensively probing cellular metabolism. <i>Nature Communications</i> , 2019, 10, 3586.	12.8	217
9	SLIMER: probing flexibility of lipid metabolism in yeast with an improved constraint-based modeling framework. <i>BMC Systems Biology</i> , 2019, 13, 4.	3.0	43
10	Genome-scale metabolic model analysis indicates low energy production efficiency in marine ammonia-oxidizing archaea. <i>AMB Express</i> , 2018, 8, 106.	3.0	4
11	Pathway-Consensus Approach to Metabolic Network Reconstruction for <i>Pseudomonas putida</i> KT2440 by Systematic Comparison of Published Models. <i>PLoS ONE</i> , 2017, 12, e0169437.	2.5	29