

Engineering yeast metabolism for the discovery and production of polyamine analogues

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Modular biocatalysis for polyamines. <i>Nature Catalysis</i> , 2021, 4, 449-450.	34.4	1
2	Supplying plant natural products by yeast cell factories. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2022, 33, 100567.	5.9	14
3	Genome-scale modeling of yeast metabolism: retrospectives and perspectives. <i>FEMS Yeast Research</i> , 2022, 22, .	2.3	20
4	Sustainability in Heritage Wood Conservation: Challenges and Directions for Future Research. <i>Forests</i> , 2022, 13, 18.	2.1	7
5	Innovation trends in industrial biotechnology. <i>Trends in Biotechnology</i> , 2022, 40, 1160-1172.	9.3	30
6	A comprehensive review of spermidine: Safety, health effects, absorption and metabolism, food materials evaluation, physical and chemical processing, and bioprocessing. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2022, 21, 2820-2842.	11.7	21
7	Enzymatic <i>N</i> -Allylation of Primary and Secondary Amines Using Renewable Cinnamic Acids Enabled by Bacterial Reductive Aminases. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 6794-6806.	6.7	9
8	Towards engineered yeast as production platform for capsaicinoids. <i>Biotechnology Advances</i> , 2022, 59, 107989.	11.7	7
9	De novo biosynthesis of rubusoside and rebaudiosides in engineered yeasts. <i>Nature Communications</i> , 2022, 13, .	12.8	36
10	A pathway independent multi-modular ordered control system based on thermosensors and CRISPRi improves bioproduction in <i>Bacillus subtilis</i> . <i>Nucleic Acids Research</i> , 2022, 50, 6587-6600.	14.5	20
12	Bacterial polyamines: a key mediator to combat stress tolerance in plants. , 2022, , 277-282.		0
15	Engineered <i>Saccharomyces cerevisiae</i> for de novo Î-tocotrienol biosynthesis. <i>Systems Microbiology and Biomanufacturing</i> , 2024, 4, 150-164.	2.9	1
16	Metabolic Engineering of <i>Saccharomyces cerevisiae</i> for Vitamin B5 Production. <i>Journal of Agricultural and Food Chemistry</i> , 2023, 71, 7408-7417.	5.2	6
17	Light-driven biosynthesis of volatile, unstable and photosensitive chemicals from CO ₂ . , 2023, 2, 960-971.		5
18	Insights into the Unusual Activity of a Novel Homospermidine Synthase with a Promising Application to Produce Spermidine. <i>Journal of Agricultural and Food Chemistry</i> , 0, , .	5.2	0
19	Dynamic Metabolic Control: From the Perspective of Regulation Logic. , 2023, 1, 1-14.		0
20	Advances in genome-scale metabolic models of industrially important fungi. <i>Current Opinion in Biotechnology</i> , 2023, 84, 103005.	6.6	2
21	Polyamine-containing natural products: structure, bioactivity, and biosynthesis. <i>Natural Product Reports</i> , 0, , .	10.3	0

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22	A bacterial spermidine biosynthetic pathway via carboxyaminopropylagmatine. <i>Science Advances</i> , 2023, 9, .	10.3	1
23	Transcriptome Identification and Analysis of Fatty Acid Desaturase Gene Expression at Different Temperatures in <i>Tausonia pullulans</i> 6A7. <i>Microorganisms</i> , 2023, 11, 2916.	3.6	0
24	A toxicological assessment of spermidine trihydrochloride produced using an engineered strain of <i>Saccharomyces cerevisiae</i> . <i>Food and Chemical Toxicology</i> , 2024, 184, 114428.	3.6	0
26	Efficient production of protocatechuic acid using systems engineering of <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2024, 82, 134-146.	7.0	0