

Fabian Meyer

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

504
citations

933264

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1281743

11
g-index

12
all docs

12
docs citations

12
times ranked

566
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering Escherichia coli for methanol conversion. <i>Metabolic Engineering</i> , 2015, 28, 190-201.	3.6	166
2	Methanol-essential growth of Escherichia coli. <i>Nature Communications</i> , 2018, 9, 1508.	5.8	119
3	Core pathways operating during methylotrophy of <i>Bacillus methanolicus</i> MGA3 and induction of a bacillithiol-dependent detoxification pathway upon formaldehyde stress. <i>Molecular Microbiology</i> , 2015, 98, 1089-1100.	1.2	42
4	Longevity of major coenzymes allows minimal de novo synthesis in microorganisms. <i>Nature Microbiology</i> , 2017, 2, 17073.	5.9	34
5	Untargeted metabolomics links glutathione to bacterial cell cycle progression. <i>Nature Metabolism</i> , 2020, 2, 153-166.	5.1	34
6	Methanol-dependent Escherichia coli strains with a complete ribulose monophosphate cycle. <i>Nature Communications</i> , 2020, 11, 5403.	5.8	31
7	Reprogramming and Optimization of a Proline-cis-Hydroxylase for the cis-Halogenation of its Native Substrate. <i>ChemCatChem</i> , 2021, 13, 3914-3919.	1.8	23
8	Modulating Chemoselectivity in a Fe(II)-Ketoglutarate-Dependent Dioxygenase for the Oxidative Modification of a Nonproteinogenic Amino Acid. <i>ACS Catalysis</i> , 2021, 11, 6261-6269.	5.5	21
9	DynaMet: A Fully Automated Pipeline for Dynamic LC-MS Data. <i>Analytical Chemistry</i> , 2015, 87, 9679-9686.	3.2	17
10	Engineering Fe(II)-Ketoglutarate-Dependent Halogenases and Desaturases. <i>Biochemistry</i> , 2023, 62, 229-240.	1.2	13
11	Altered Minor-Groove Hydrogen Bonds in DNA Block Transcription Elongation by T7 RNA Polymerase. <i>ChemBioChem</i> , 2015, 16, 1212-1218.	1.3	4