

Allison Z Werner

List of Publications by Year in descending order

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docs citations

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484
citing authors

#	ARTICLE	IF	CITATIONS
1	Outer membrane vesicles catabolize lignin-derived aromatic compounds in <i>Pseudomonas putida</i> KT2440. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9302-9310.	7.1	82
2	Engineering glucose metabolism for enhanced muconic acid production in <i>Pseudomonas putida</i> KT2440. Metabolic Engineering, 2020, 59, 64-75.	7.0	76
3	Tandem chemical deconstruction and biological upcycling of poly(ethylene terephthalate) to β -keto adipic acid by <i>Pseudomonas putida</i> KT2440. Metabolic Engineering, 2021, 67, 250-261.	7.0	74
4	Adaptive laboratory evolution of <i>Pseudomonas putida</i> KT2440 improves p-coumaric and ferulic acid catabolism and tolerance. Metabolic Engineering Communications, 2020, 11, e00143.	3.6	73
5	Critical enzyme reactions in aromatic catabolism for microbial lignin conversion. Nature Catalysis, 2022, 5, 86-98.	34.4	51
6	Metabolism of syringyl lignin-derived compounds in <i>Pseudomonas putida</i> enables convergent production of 2-pyrone-4,6-dicarboxylic acid. Metabolic Engineering, 2021, 65, 111-122.	7.0	48
7	Debottlenecking 4-hydroxybenzoate hydroxylation in <i>Pseudomonas putida</i> KT2440 improves muconate productivity from p-coumarate. Metabolic Engineering, 2022, 70, 31-42.	7.0	25
8	Characterization of aromatic acid/proton symporters in <i>Pseudomonas putida</i> KT2440 toward efficient microbial conversion of lignin-related aromatics. Metabolic Engineering, 2021, 64, 167-179.	7.0	24
9	Pathway discovery and engineering for cleavage of a β -1 lignin-derived biaryl compound. Metabolic Engineering, 2021, 65, 1-10.	7.0	22
10	A comprehensive time-course metabolite profiling of the model cyanobacterium <i>Synechocystis</i> sp. PCC 6803 under diurnal light:dark cycles. Plant Journal, 2019, 99, 379-388.	5.7	18
11	Genetic Engineering of Cyanobacteria: Design, Implementation, and Characterization of Recombinant <i>Synechocystis</i> sp. PCC 6803. Methods in Molecular Biology, 2019, 1927, 139-154.	0.9	10
12	Discovery and characterization of <i>Synechocystis</i> sp. PCC 6803 light-entrained promoters in diurnal light:dark cycles. Algal Research, 2018, 30, 121-127.	4.6	6
13	Corrigendum to "Engineering glucose metabolism for enhanced muconic acid production in <i>Pseudomonas putida</i> KT2440" [Metab. Eng. 59 (2020) 64-75]. Metabolic Engineering, 2022, 72, 66-67.	7.0	0