Stefan J Haugen

List of Publications by Year
in descending order

10	276	1307594 7	1281871 11
papers	citations	h-index	g-index

11	11	11	290
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Outer membrane vesicles catabolize lignin-derived aromatic compounds in Pseudomonas putida KT2440. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9302-9310.	7.1	82
2	Tandem chemical deconstruction and biological upcycling of poly(ethylene terephthalate) to Î²-ketoadipic acid by Pseudomonas putida KT2440. Metabolic Engineering, 2021, 67, 250-261.	7.0	74
3	Particle Size Reduction of Poly(ethylene terephthalate) Increases the Rate of Enzymatic Depolymerization But Does Not Increase the Overall Conversion Extent. ACS Sustainable Chemistry and Engineering, 2022, 10, 9131-9140.	6.7	39
4	Debottlenecking 4-hydroxybenzoate hydroxylation in Pseudomonas putida KT2440 improves muconate productivity from p-coumarate. Metabolic Engineering, 2022, 70, 31-42.	7.0	25
5	Pathway discovery and engineering for cleavage of a Î²-1 lignin-derived biaryl compound. Metabolic Engineering, 2021, 65, 1-10.	7.0	22
6	Energy and techno-economic analysis of bio-based carboxylic acid recovery by adsorption. Green Chemistry, 2021, 23, 4386-4402.	9.0	8
7	Recovery of low molecular weight compounds from alkaline pretreatment liquor via membrane separations. Green Chemistry, 2022, 24, 3152-3166.	9.0	8
8	Structural and functional analysis of lignostilbene dioxygenases from Sphingobium sp. SYK-6. Journal of Biological Chemistry, 2021, 296, 100758.	3.4	7
9	In situ product recovery of bio-based ethyl esters via hybrid extraction-distillation. Green Chemistry, 2019, 21, 5306-5315.	9.0	5
10	Separation of bio-based glucaric acid via antisolvent crystallization and azeotropic drying. Green Chemistry, 2022, 24, 1350-1361.	9.0	4