

# Stefan J Haugen

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

276  
citations

1307594

7  
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1281871

11  
g-index

11  
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11  
docs citations

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times ranked

290  
citing authors

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