

Henrik Almqvist

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Rational and evolutionary engineering of <i>Saccharomyces cerevisiae</i> for production of dicarboxylic acids from lignocellulosic biomass and exploring genetic mechanisms of the yeast tolerance to the biomass hydrolysate. , 2022, 15, 22.		8
2	Mass Transport of Lignin in Confined Pores. <i>Polymers</i> , 2022, 14, 1993.	2.0	5
3	Muconic Acid Production Using Engineered <i>Pseudomonas putida</i> KT2440 and a Guaiacol-Rich Fraction Derived from Kraft Lignin. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8097-8106.	3.2	31
4	Three-step conversion of Indulin AT to muconic acid under mild conditions. <i>Biomass and Bioenergy</i> , 2021, 153, 106232.	2.9	4
5	Maximizing yield of liquid-lignin from membrane filtration retentate of kraft black liquor. <i>Industrial Crops and Products</i> , 2021, 169, 113657.	2.5	6
6	Identification of modifications procuring growth on xylose in recombinant <i>Saccharomyces cerevisiae</i> strains carrying the Weimberg pathway. <i>Metabolic Engineering</i> , 2019, 55, 1-11.	3.6	27
7	Exploring d-xylose oxidation in <i>Saccharomyces cerevisiae</i> through the Weimberg pathway. <i>AMB Express</i> , 2018, 8, 33.	1.4	22
8	Characterization of the Weimberg Pathway in <i>Caulobacter crescentus</i> . <i>Fermentation</i> , 2018, 4, 44.	1.4	3
9	A rapid method for analysis of fermentatively produced d-xylonate using ultra-high performance liquid chromatography and evaporative light scattering detection. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 1078-1080.	0.6	4
10	Modelling succinic acid fermentation using a xylose based substrate. <i>Biochemical Engineering Journal</i> , 2016, 114, 26-41.	1.8	45
11	Succinic acid production by <i>Actinobacillus succinogenes</i> from batch fermentation of mixed sugars. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 1117-1130.	1.4	42
12	<i>Saccharomyces cerevisiae</i> : a potential host for carboxylic acid production from lignocellulosic feedstock?. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 7299-7318.	1.7	20