

Anders G Sandström

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	X-ray Structure of <i>Candida antarctica</i> Lipase A Shows a Novel Lid Structure and a Likely Mode of Interfacial Activation. <i>Journal of Molecular Biology</i> , 2008, 376, 109-119.	2.0	172
2	Combinatorial reshaping of the <i>Candida antarctica</i> lipase A substrate pocket for enantioselectivity using an extremely condensed library. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 78-83.	3.3	120
3	Directed Evolution of an Enantioselective Lipase with Broad Substrate Scope for Hydrolysis of \pm -Substituted Esters. <i>Journal of the American Chemical Society</i> , 2010, 132, 7038-7042.	6.6	106
4	Directed evolution of <i>Candida antarctica</i> lipase A using an episomally replicating yeast plasmid. <i>Protein Engineering, Design and Selection</i> , 2009, 22, 413-420.	1.0	56
5	Engineering of <i>Saccharomyces cerevisiae</i> for the production of poly-3-d-hydroxybutyrate from xylose. <i>AMB Express</i> , 2015, 5, 14.	1.4	29
6	Anaerobic poly-3-d-hydroxybutyrate production from xylose in recombinant <i>Saccharomyces cerevisiae</i> using a NADH-dependent acetoacetyl-CoA reductase. <i>Microbial Cell Factories</i> , 2016, 15, 197.	1.9	27
7	Engineering Yeast Hexokinase 2 for Improved Tolerance Toward Xylose-Induced Inactivation. <i>PLoS ONE</i> , 2013, 8, e75055.	1.1	24
8	Exploring d-xylose oxidation in <i>Saccharomyces cerevisiae</i> through the Weimberg pathway. <i>AMB Express</i> , 2018, 8, 33.	1.4	22
9	<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
10	Prediction of the <i>Candida antarctica</i> Lipase A Protein Structure by Comparative Modeling and Site-Directed Mutagenesis. <i>ChemBioChem</i> , 2007, 8, 1409-1415.	1.3	11
11	Prediction of the <i>Candida antarctica</i> Lipase A Protein Structure by Comparative Modeling and Site-Directed Mutagenesis. <i>ChemBioChem</i> , 2008, 9, 2559-2559.	1.3	1