

Michiel Akeroyd

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

532
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

944
citing authors

#	ARTICLE	IF	CITATIONS
1	The carbon starvation response of <i>Aspergillus niger</i> during submerged cultivation: Insights from the transcriptome and secretome. <i>BMC Genomics</i> , 2012, 13, 380.	2.8	108
2	Metabolic Engineering toward Sustainable Production of Nylon-6. <i>ACS Synthetic Biology</i> , 2016, 5, 65-73.	3.8	97
3	Engineering Acetyl Coenzyme A Supply: Functional Expression of a Bacterial Pyruvate Dehydrogenase Complex in the Cytosol of <i>Saccharomyces cerevisiae</i> . <i>MBio</i> , 2014, 5, e01696-14.	4.1	84
4	Effective lead selection for improved protein production in <i>Aspergillus niger</i> based on integrated genomics. <i>Fungal Genetics and Biology</i> , 2009, 46, S141-S152.	2.1	77
5	Engineering <i>Bacillus subtilis</i> for the conversion of the antimetabolite 4-hydroxy-l-threonine to pyridoxine. <i>Metabolic Engineering</i> , 2015, 29, 196-207.	7.0	40
6	<i>Aspergillus niger</i> Prolyl Endoprotease for Hydrogenâ€“Deuterium Exchange Mass Spectrometry and Protein Structural Studies. <i>Analytical Chemistry</i> , 2017, 89, 7966-7973.	6.5	26
7	Systems Approaches to Predict the Functions of Glycoside Hydrolases during the Life Cycle of <i>Aspergillus niger</i> Using Developmental Mutants Δ trIA and Δ trbA. <i>PLoS ONE</i> , 2015, 10, e0116269.	2.5	22
8	AN-PEP, Proline-Specific Endopeptidase, Degrades All Known Immunostimulatory Gluten Peptides in Beer Made from Barley Malt. <i>Journal of the American Society of Brewing Chemists</i> , 2016, 74, 91-99.	1.1	18
9	Peroxiscretion: a novel secretion pathway in the eukaryotic cell. <i>BMC Biotechnology</i> , 2009, 9, 48.	3.3	17
10	Fungal α -arabinofuranosidases of glycosyl hydrolase families 51 and 54 show a dual arabinofuranosyl- and galactofuranosyl-hydrolyzing activity. <i>Biological Chemistry</i> , 2012, 393, 767-775.	2.5	14
11	Searching for microbial protein over-expression in a complex matrix using automated high throughput MS-based proteomics tools. <i>Journal of Biotechnology</i> , 2013, 164, 112-120.	3.8	9
12	Native Structural and Functional Proteoform Characterization of the Prolyl-Alanyl-Specific Endoprotease EndoPro from <i>Aspergillus niger</i> . <i>Journal of Proteome Research</i> , 2021, 20, 4875-4885.	3.7	8
13	Is Proteomics a Reliable Tool to Probe the Oxidative Folding of Bacterial Membrane Proteins?. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1159-1164.	5.4	7
14	Targeting proline in (phospho)proteomics. <i>FEBS Journal</i> , 2020, 287, 2979-2997.	4.7	5
15	Sample Preparation and Biostatistics for Integrated Genomics Approaches. <i>Methods in Molecular Biology</i> , 2013, 985, 391-406.	0.9	0