

Carlos E Costa

List of Publications by Year in descending order

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8
papers

391
citations

1464605
7
h-index

1762888
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9
all docs

9
docs citations

9
times ranked

388
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategic combination of different promoters in lactose metabolisation and host chassis selection for high bioethanol titres from dairy wastes. <i>Bioresource Technology Reports</i> , 2022, 19, 101131.	1.5	5
2	Metabolic engineering of <i>Saccharomyces cerevisiae</i> for the production of top value chemicals from biorefinery carbohydrates. <i>Biotechnology Advances</i> , 2021, 47, 107697.	6.0	67
3	Resveratrol Production from Hydrothermally Pretreated Eucalyptus Wood Using Recombinant Industrial <i>Saccharomyces cerevisiae</i> Strains. <i>ACS Synthetic Biology</i> , 2021, 10, 1895-1903.	1.9	17
4	Engineered <i>Saccharomyces cerevisiae</i> for lignocellulosic valorization: a review and perspectives on bioethanol production. <i>Bioengineered</i> , 2020, 11, 883-903.	1.4	57
5	Selection and subsequent physiological characterization of industrial <i>Saccharomyces cerevisiae</i> strains during continuous growth at sub- and supra optimal temperatures. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020, 26, e00462.	2.1	19
6	Molecular and physiological basis of <i>Saccharomyces cerevisiae</i> tolerance to adverse lignocellulose-based process conditions. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 159-175.	1.7	104
7	HAA1 and PRS3 overexpression boosts yeast tolerance towards acetic acid improving xylose or glucose consumption: unravelling the underlying mechanisms. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4589-4600.	1.7	54
8	Integrated approach for selecting efficient <i>Saccharomyces cerevisiae</i> for industrial lignocellulosic fermentations: Importance of yeast chassis linked to process conditions. <i>Bioresource Technology</i> , 2017, 227, 24-34.	4.8	66