

Vijayendran Raghavendran

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3363448/publications.pdf>

Version: 2024-02-01

20
papers

1,588
citations

687363

13
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

2659
citing authors

#	ARTICLE	IF	CITATIONS
1	Blocking Mitophagy Does Not Significantly Improve Fuel Ethanol Production in Bioethanol Yeast <i>Saccharomyces cerevisiae</i> . <i>Applied and Environmental Microbiology</i> , 2022, 88, aem0206821.	3.1	5
2	Bacterial cellulose: A smart biomaterial with diverse applications. <i>Materials Science and Engineering Reports</i> , 2021, 145, 100623.	31.8	120
3	Ethanol yield calculations in biorefineries. <i>FEMS Yeast Research</i> , 2021, 21, .	2.3	6
4	Bacterial cellulose: Biosynthesis, production, and applications. <i>Advances in Microbial Physiology</i> , 2020, 77, 89-138.	2.4	22
5	A microbubble-sparged yeast propagationâ€“fermentation process for bioethanol production. <i>Biotechnology for Biofuels</i> , 2020, 13, 104.	6.2	15
6	The protective role of intracellular glutathione in <i>Saccharomyces cerevisiae</i> during lignocellulosic ethanol production. <i>AMB Express</i> , 2020, 10, 219.	3.0	10
7	Neither 1G nor 2G fuel ethanol: setting the ground for a sugarcane-based biorefinery using an iSUCCELL yeast platform. <i>FEMS Yeast Research</i> , 2020, 20, .	2.3	1
8	Forever panting and forever growing: physiology of <i>Saccharomyces cerevisiae</i> at extremely low oxygen availability in the absence of ergosterol and unsaturated fatty acids. <i>FEMS Yeast Research</i> , 2019, 19, .	2.3	11
9	Lignin-first biomass fractionation using a hybrid organosolv â€“ Steam explosion pretreatment technology improves the saccharification and fermentability of spruce biomass. <i>Bioresource Technology</i> , 2019, 273, 521-528.	9.6	114
10	Anaerobiosis revisited: growth of <i>Saccharomyces cerevisiae</i> under extremely low oxygen availability. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 2101-2116.	3.6	20
11	A comparative study of the enzymatic hydrolysis of batch organosolv-pretreated birch and spruce biomass. <i>AMB Express</i> , 2018, 8, 114.	3.0	13
12	A novel hybrid organosolv: steam explosion method for the efficient fractionation and pretreatment of birch biomass. <i>Biotechnology for Biofuels</i> , 2018, 11, 160.	6.2	97
13	A simple scaled down system to mimic the industrial production of first generation fuel ethanol in Brazil. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 971-983.	1.7	27
14	Sucrose and <i>Saccharomyces cerevisiae</i> : a relationship most sweet. <i>FEMS Yeast Research</i> , 2016, 16, fov107.	2.3	99
15	Mitochondrial Import and Accumulation of β -Synuclein Impair Complex I in Human Dopaminergic Neuronal Cultures and Parkinson Disease Brain. <i>Journal of Biological Chemistry</i> , 2008, 283, 9089-9100.	3.4	870
16	Hap4 Is Not Essential for Activation of Respiration at Low Specific Growth Rates in <i>Saccharomyces cerevisiae</i> *. <i>Journal of Biological Chemistry</i> , 2006, 281, 12308-12314.	3.4	31
17	Teaching microbial physiology using glucose repression phenomenon in baker's yeast as an example. <i>Biochemistry and Molecular Biology Education</i> , 2005, 33, 404-410.	1.2	4
18	Phenotypic characterization of glucose repression mutants of <i>Saccharomyces cerevisiae</i> using experiments with ¹³ C-labelled glucose. <i>Yeast</i> , 2004, 21, 769-779.	1.7	50

#	ARTICLE	IF	CITATIONS
19	Manipulation of malic enzyme in <i>Saccharomyces cerevisiae</i> for increasing NADPH production capacity aerobically in different cellular compartments. <i>Metabolic Engineering</i> , 2004, 6, 352-363.	7.0	73
20	Validation of a small scale and a low cost anaerobic system for microbial applications. , 0, , .		0