

Marlene Lopes

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

690
citations

567281
15
h-index

642732
23
g-index

26
all docs

26
docs citations

26
times ranked

619
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Yarrowia lipolytica</i> as a biorefinery platform for effluents and solid wastes valorization – challenges and opportunities. Critical Reviews in Biotechnology, 2022, 42, 163-183.	9.0	25
2	Bio-oil production for biodiesel industry by <i>Yarrowia lipolytica</i> from volatile fatty acids in two-stage batch culture. Applied Microbiology and Biotechnology, 2022, 106, 2869-2881.	3.6	17
3	<i>Candida tropicalis</i> as a Promising Oleaginous Yeast for Olive Mill Wastewater Bioconversion. Energies, 2021, 14, 640.	3.1	20
4	Factors affecting microbial lipids production by <i>Yarrowia lipolytica</i> strains from volatile fatty acids: Effect of co-substrates, operation mode and oxygen. Journal of Biotechnology, 2021, 331, 37-47.	3.8	26
5	Highly aerated cultures boost gluconic acid production by the yeast-like fungus <i>Aureobasidium pullulans</i> . Biochemical Engineering Journal, 2021, 175, 108133.	3.6	17
6	Microbial valorization of waste cooking oils for valuable compounds production – a review. Critical Reviews in Environmental Science and Technology, 2020, 50, 2583-2616.	12.8	52
7	Waste Cooking Oils as Feedstock for Lipase and Lipid-Rich Biomass Production. European Journal of Lipid Science and Technology, 2019, 121, 1800188.	1.5	72
8	Microbial lipids and added value metabolites production by <i>Yarrowia lipolytica</i> from pork lard. Journal of Biotechnology, 2018, 265, 76-85.	3.8	75
9	Lipofactory: <i>Yarrowia lipolytica</i> as a cell factory to produce microbial oils from hydrophobic substrates. Journal of Biotechnology, 2017, 256, S19.	3.8	0
10	Oxygen transfer rate and pH as major operating parameters of citric acid production from glycerol by <i>Yarrowia lipolytica</i> W29 and CBS 2073. Chemical Papers, 2016, 70, .	2.2	22
11	Oxygen mass transfer impact on citric acid production by <i>Yarrowia lipolytica</i> from crude glycerol. Biochemical Engineering Journal, 2016, 110, 35-42.	3.6	39
12	Hydrogenotrophic activity under increased H ₂ /CO ₂ pressure: Effect on methane production and microbial community. Journal of Biotechnology, 2015, 208, S57.	3.8	3
13	Enhanced heterologous protein production in <i>Pichia pastoris</i> under increased air pressure. Biotechnology Progress, 2014, 30, 1040-1047.	2.6	14
14	Overpressurized bioreactors: Application to microbial cell cultures. Biotechnology Progress, 2014, 30, 767-775.	2.6	23
15	<i>Candida utilis</i> metabolism and morphology under increased air pressure up to 12bar. Process Biochemistry, 2014, 49, 374-379.	3.7	9
16	Comparison of <i>Yarrowia lipolytica</i> and <i>Pichia pastoris</i> Cellular Response to Different Agents of Oxidative Stress. Applied Biochemistry and Biotechnology, 2013, 170, 448-458.	2.9	15
17	Batch and fed-batch growth of <i>Pichia pastoris</i> under increased air pressure. Bioprocess and Biosystems Engineering, 2013, 36, 1267-1275.	3.4	8
18	Oxygen Mass Transfer Rate in a Pressurized Lab-Scale Stirred Bioreactor. Chemical Engineering and Technology, 2013, 36, 1779-1784.	1.5	15

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19	Enhanced <i>Pichia pastoris</i> biomass under increased air pressure: batch and fed-batch strategies. <i>Current Opinion in Biotechnology</i> , 2011, 22, S60.	6.6	0
20	The use of olive mill wastewater by wild type <i>Yarrowia lipolytica</i> strains: medium supplementation and surfactant presence effect. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 533-537.	3.2	43
21	<i>Yarrowia lipolytica</i> Growth Under Increased Air Pressure: Influence on Enzyme Production. <i>Applied Biochemistry and Biotechnology</i> , 2009, 159, 46-53.	2.9	45
22	Biological treatment of olive mill wastewater by non-conventional yeasts. <i>Bioresource Technology</i> , 2009, 100, 3759-3763.	9.6	100
23	<i>Yarrowia lipolytica</i> lipase production enhanced by increased air pressure. <i>Letters in Applied Microbiology</i> , 2008, 46, 255-260.	2.2	47