Marlene Lopes

List of Publications by Year in descending order

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Version: 2024-02-01

23 papers	690 citations	567144 15 h-index	642610 23 g-index
26 all docs	26 docs citations	26 times ranked	619 citing authors

#	Article	IF	Citations
1	Biological treatment of olive mill wastewater by non-conventional yeasts. Bioresource Technology, 2009, 100, 3759-3763.	4.8	100
2	Microbial lipids and added value metabolites production by Yarrowia lipolytica from pork lard. Journal of Biotechnology, 2018, 265, 76-85.	1.9	75
3	Waste Cooking Oils as Feedstock for Lipase and Lipidâ€Rich Biomass Production. European Journal of Lipid Science and Technology, 2019, 121, 1800188.	1.0	72
4	Microbial valorization of waste cooking oils for valuable compounds production â€“ a review. Critical Reviews in Environmental Science and Technology, 2020, 50, 2583-2616.	6.6	52
5	Yarrowia lipolytica lipase production enhanced by increased air pressure. Letters in Applied Microbiology, 2008, 46, 255-260.	1.0	47
6	Yarrowia lipolytica Growth Under Increased Air Pressure: Influence on Enzyme Production. Applied Biochemistry and Biotechnology, 2009, 159, 46-53.	1.4	45
7	The use of olive mill wastewater by wild type Yarrowia lipolytica strains: medium supplementation and surfactant presence effect. Journal of Chemical Technology and Biotechnology, 2009, 84, 533-537.	1.6	43
8	Oxygen mass transfer impact on citric acid production by Yarrowia lipolytica from crude glycerol. Biochemical Engineering Journal, 2016, 110, 35-42.	1.8	39
9	Factors affecting microbial lipids production by Yarrowia lipolytica strains from volatile fatty acids: Effect of co-substrates, operation mode and oxygen. Journal of Biotechnology, 2021, 331, 37-47.	1.9	26
10	Yarrowia lipolytica as a biorefinery platform for effluents and solid wastes valorization â€“ challenges and opportunities. Critical Reviews in Biotechnology, 2022, 42, 163-183.	5.1	25
11	Overâ€pressurized bioreactors: Application to microbial cell cultures. Biotechnology Progress, 2014, 30, 767-775.	1.3	23
12	Oxygen transfer rate and pH as major operating parameters of citric acid production from glycerol by Yarrowia lipolytica W29 and CBS 2073. Chemical Papers, 2016, 70, .	1.0	22
13	Candida tropicalis as a Promising Oleaginous Yeast for Olive Mill Wastewater Bioconversion. Energies, 2021, 14, 640.	1.6	20
14	Highly aerated cultures boost gluconic acid production by the yeast-like fungus Aureobasidium pullulans. Biochemical Engineering Journal, 2021, 175, 108133.	1.8	17
15	Bio-oil production for biodiesel industry by Yarrowia lipolytica from volatile fatty acids in two-stage batch culture. Applied Microbiology and Biotechnology, 2022, 106, 2869-2881.	1.7	17
16	Comparison of Yarrowia lipolytica and Pichia pastoris Cellular Response to Different Agents of Oxidative Stress. Applied Biochemistry and Biotechnology, 2013, 170, 448-458.	1.4	15
17	Oxygen Mass Transfer Rate in a Pressurized Labâ€Scale Stirred Bioreactor. Chemical Engineering and Technology, 2013, 36, 1779-1784.	0.9	15
18	Enhanced heterologous protein production in <scp>P</scp>ichia pastoris under increased air pressure. Biotechnology Progress, 2014, 30, 1040-1047.	1.3	14

#	Article	IF	Citations
19	Candida utilis metabolism and morphology under increased air pressure up to 12bar. Process Biochemistry, 2014, 49, 374-379.	1.8	9
20	Batch and fed-batch growth of Pichia pastoris under increased air pressure. Bioprocess and Biosystems Engineering, 2013, 36, 1267-1275.	1.7	8
21	Hydrogenotrophic activity under increased H2/CO2 pressure: Effect on methane production and microbial community. Journal of Biotechnology, 2015, 208, S57.	1.9	3
22	Enhanced Pichia pastoris biomass under increased air pressure: batch and fed-batch strategies. Current Opinion in Biotechnology, 2011, 22, S60.	3.3	0
23	Lipofactory: Yarrowia lipolytica as a cell factory to produce microbial oils from hydrophobic substrates. Journal of Biotechnology, 2017, 256, S19.	1.9	0