

CITATION REPORT

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The Oleaginous Yeast BI281A as a New Potential Biodiesel Feedstock: Selection and Lipid Production Optimization

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Frontiers in Microbiology, 2017, 8, 1776.

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#	Paper	IF	Citations
23	Oleaginous yeast <i>Meyerozyma guilliermondii</i> shows fermentative metabolism of sugars in the biosynthesis of ethanol and converts raw glycerol and cheese whey permeate into polyunsaturated fatty acids. <i>Biotechnology Progress</i> , 2019 , 35, e2895	2.8	2
22	Yeasts for Bioconversion of Crude Glycerol to High-Value Chemicals. 2019 , 389-451		3
21	The draft genome sequence of strain YLG18, a yeast capable of producing and tolerating high concentration of 2-phenylethanol. <i>3 Biotech</i> , 2019 , 9, 441	2.8	2
20	Microbes as Bio-Resource for Sustainable Production of Biofuels and Other Bioenergy Products. 2019 , 205-222		11
19	Determining intracellular lipid content of different oleaginous yeasts by one simple and accurate Nile Red fluorescent method. <i>Preparative Biochemistry and Biotechnology</i> , 2019 , 49, 597-605	2.4	4
18	Deterioration potential of <i>Aureobasidium pullulans</i> on biodiesel, diesel, and B20 blend. <i>International Biodeterioration and Biodegradation</i> , 2020 , 147, 104839	4.8	4
17	Dataset of Nile Red Fluorescence Readings with Different Yeast Strains, Solvents, and Incubation Times. <i>Data</i> , 2020 , 5, 77	2.3	2
16	Oleaginous yeasts isolated from traditional fermented foods and beverages of Manipur and Mizoram, India, as a potent source of microbial lipids for biodiesel production. <i>Annals of Microbiology</i> , 2020 , 70,	3.2	12
15	Modified high-throughput Nile red fluorescence assay for the rapid screening of oleaginous yeasts using acetic acid as carbon source. <i>BMC Microbiology</i> , 2020 , 20, 60	4.5	17
14	A snapshot of microbial diversity and function in an undisturbed sugarcane bagasse pile. <i>BMC Biotechnology</i> , 2020 , 20, 12	3.5	5
13	Biodiesel-derived crude glycerol as alternative feedstock for single cell oil production by the oleaginous yeast <i>Candida viswanathii</i> Y-E4. <i>Industrial Crops and Products</i> , 2020 , 145, 112103	5.9	21
12	Lipid production by oleaginous yeasts. <i>Advances in Applied Microbiology</i> , 2021 , 116, 1-98	4.9	3
11	Recent advances in lipid metabolic engineering of oleaginous yeasts. <i>Biotechnology Advances</i> , 2021 , 53, 107722	17.8	12
10	Nile Red Incubation Time Before Reading Fluorescence Greatly Influences the Yeast Neutral Lipids Quantification. <i>Frontiers in Microbiology</i> , 2021 , 12, 619313	5.7	3
9	Coupling azo dye degradation and biodiesel production by manganese-dependent peroxidase producing oleaginous yeasts isolated from wood-feeding termite gut symbionts. <i>Biotechnology for Biofuels</i> , 2021 , 14, 61	7.8	20
8	<i>Papiliotrema maritimi</i> f.a. sp. nov., a new tremellaceous yeast species associated to macrophytes in a Marshland of South Brazil.		
7	Wood-feeding termite gut symbionts as an obscure yet promising source of novel manganese peroxidase-producing oleaginous yeasts intended for azo dye decolorization and biodiesel production. <i>Biotechnology for Biofuels</i> , 2021 , 14, 229	7.8	4

6	Isolation, molecular identification of lipid-producing <i>Rhodotorula diobovata</i> : optimization of lipid accumulation for biodiesel production.. <i>Journal of Genetic Engineering and Biotechnology</i> , 2022 , 20, 32	3.1	0
5	Microorganisms-promoted biodiesel production from biomass: A review. <i>Energy Conversion and Management: X</i> , 2021 , 12, 100137	2.5	4
4	Prospect of metabolic engineering in enhanced microbial lipid production: review. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	0
3	Yeast Biomass: A By-Product for Application in the Food, Energy, Plastics, and Pharmaceutical Industries. 2022 , 463-484		0
2	Discovery of Oleaginous Yeast from Mountain Forest Soil in Thailand. 2022 , 8, 1100		0
1	Oleaginous yeasts: Biodiversity and cultivation. 2023 , 44, 100295		0