

Yarrowia lipolytica as an Oleaginous Cell Factory Platform for Acid-Based Biofuel and Bioproducts

Frontiers in Energy Research

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Gene YALIOE20207g from <i>Yarrowia lipolytica</i> Encodes an N-Acetylglucosamine Kinase Implicated in the Regulated Expression of the Genes from the N-Acetylglucosamine Assimilatory Pathway. <i>PLoS ONE</i> , 2015, 10, e0122135.	1.1	7
2	Recent advances in the microbial production and recovery of apolar molecules. <i>Current Opinion in Biotechnology</i> , 2015, 33, 39-45.	3.3	22
3	Sustainable source of omega-3 eicosapentaenoic acid from metabolically engineered <i>Yarrowia lipolytica</i> : from fundamental research to commercial production. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 1599-1610.	1.7	174
4	Lipid production by yeasts growing on biodiesel-derived crude glycerol: strain selection and impact of substrate concentration on the fermentation efficiency. <i>Journal of Applied Microbiology</i> , 2015, 118, 911-927.	1.4	126
5	Recycling of lignocellulosic waste materials to produce high-value products: single cell oil and xylitol. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 837-846.	1.8	23
6	Synergistic effect of fermentable and non-fermentable carbon sources enhances TAG accumulation in oleaginous yeast <i>Rhodospiridium kratochvilovae</i> HIMPA1. <i>Bioresource Technology</i> , 2015, 188, 136-144.	4.8	48
7	Biotechnological applications of <i>Yarrowia lipolytica</i> : Past, present and future. <i>Biotechnology Advances</i> , 2015, 33, 1522-1546.	6.0	188
8	Metabolic engineering of <i>Yarrowia lipolytica</i> for industrial applications. <i>Current Opinion in Biotechnology</i> , 2015, 36, 65-72.	3.3	164
9	Irradiation of <i>Yarrowia lipolytica</i> NRRL YB-567 creating novel strains with enhanced ammonia and oil production on protein and carbohydrate substrates. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 9723-9743.	1.7	12
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11	Metabolic Engineering for Expanding the Substrate Range of <i>Yarrowia lipolytica</i> . <i>Trends in Biotechnology</i> , 2016, 34, 798-809.	4.9	168
12	An Alternative Approach to Synthesizing Galactooligosaccharides by Cell-Surface Display of β -Galactosidase on <i>Yarrowia lipolytica</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 3819-3827.	2.4	31
13	Microbial production of fatty alcohols. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 152.	1.7	39
14	Lipid production by <i>Yarrowia lipolytica</i> grown on biodiesel-derived crude glycerol: optimization of growth parameters and their effects on the fermentation efficiency. <i>RSC Advances</i> , 2016, 6, 90547-90558.	1.7	25
15	The expression of the <i>Cuphea palustris</i> thioesterase CpFatB2 in <i>Yarrowia lipolytica</i> triggers oleic acid accumulation. <i>Biotechnology Progress</i> , 2016, 32, 26-35.	1.3	8
16	Microfungi in Biofuel and Bioenergy Research. <i>Fungal Biology</i> , 2016, , 543-571.	0.3	0
17	Activating and Elucidating Metabolism of Complex Sugars in <i>Yarrowia lipolytica</i> . <i>Applied and Environmental Microbiology</i> , 2016, 82, 1334-1345.	1.4	74
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21	Bioconversion of crude glycerol to microbial lipid using a robust oleaginous yeast <i>Rhodospiridium toruloides</i> ATCC 10788 capable of growing in the presence of impurities. Energy Conversion and Management, 2017, 135, 117-128.	4.4	82
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