Adam Dobrowolski

List of Publications by Year
in descending order

27	1,099	489802	591227
papers	citations	18 h-index	27 g-index

28	28	28	889
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metabolic engineering of Yarrowia lipolytica for poly(ethylene terephthalate) degradation. Science of the Total Environment, 2022, 831, 154841.	3.9	17
2	The Overexpression of YALI0B07117g Results in Enhanced Erythritol Synthesis from Glycerol by the Yeast Yarrowia lipolytica. Molecules, 2021, 26, 7549.	1.7	10
3	Rye and Oat Agricultural Wastes as Substrate Candidates for Biomass Production of the Non-Conventional Yeast Yarrowia lipolytica. Sustainability, 2020, 12, 7704.	1.6	24
4	The influence of transketolase on lipid biosynthesis in the yeast Yarrowia lipolytica. Microbial Cell Factories, 2020, 19, 138.	1.9	25
5	Production of tailor-made fatty acids from crude glycerol at low pH by Yarrowia lipolytica. Bioresource Technology, 2020, 314, 123746.	4.8	28
6	High-yield expression of extracellular lipase from Yarrowia lipolytica and its interactions with lipopeptide biosurfactants: A biophysical approach. Archives of Biochemistry and Biophysics, 2020, 689, 108475.	1.4	19
7	In vitro efficacy of the lipopeptide biosurfactant surfactin-C₁₅ and its complexes with divalent counterions to inhibit Candida albicans biofilm and hyphal formation. Biofouling, 2020, 36, 210-221.	0.8	19
8	Heterologous overexpression of bacterial hemoglobin VHb improves erythritol biosynthesis by yeast Yarrowia lipolytica. Microbial Cell Factories, 2019, 18, 176.	1.9	32
9	Lipid Production From Waste Materials in Seawater-Based Medium by the Yeast Yarrowia lipolytica. Frontiers in Microbiology, 2019, 10, 547.	1.5	44
10	Aseptic production of citric and isocitric acid from crude glycerol by genetically modified Yarrowia lipolytica. Bioresource Technology, 2019, 271, 340-344.	4.8	83
11	Recent advances in biological production of erythritol. Critical Reviews in Biotechnology, 2018, 38, 620-633.	5.1	106
12	A Role of a Newly Identified Isomerase From Yarrowia lipolytica in Erythritol Catabolism. Frontiers in Microbiology, 2018, 9, 1122.	1.5	18
13	Effect of N-dodecyl-N-(propylpiperydinium-3-sulfonate) on Usage Properties of Liquid Soaps for Sensitive Skin. Tenside, Surfactants, Detergents, 2018, 55, 439-446.	0.5	4
14	Synthesis, Surface and Antimicrobial Activity of Piperidine-Based Sulfobetaines. Journal of Surfactants and Detergents, 2017, 20, 151-158.	1.0	21
15	Functional overexpression of genes involved in erythritol synthesis in the yeast Yarrowia lipolytica. Biotechnology for Biofuels, 2017, 10, 77.	6.2	76
16	Polyol production from waste materials by genetically modified Yarrowia lipolytica. Bioresource Technology, 2017, 243, 393-399.	4.8	67
17	Characterization of erythrose reductase from Yarrowia lipolytica and its influence on erythritol synthesis. Microbial Cell Factories, 2017, 16, 118.	1.9	64
18	A novel strain of Yarrowia lipolytica as a platform for value-added product synthesis from glycerol. Biotechnology for Biofuels, 2016, 9, 180.	6.2	74

#	Article	IF	Citations
19	Efficient conversion of crude glycerol from various industrial wastes into single cell oil by yeast Yarrowia lipolytica. Bioresource Technology, 2016, 207, 237-243.	4.8	146
20	Newly isolated mutant of Yarrowia lipolytica MK1 as a proper host for efficient erythritol biosynthesis from glycerol. Process Biochemistry, 2015, 50, 61-68.	1.8	55
21	A two-stage fermentation process of erythritol production by yeast Y. lipolytica from molasses and glycerol. Bioresource Technology, 2015, 198, 445-455.	4.8	81
22	Cross-linking of dimeric CitS and GltS transport proteins. Molecular Membrane Biology, 2011, 28, 243-253.	2.0	5
23	Cross-Linking of trans Reentrant Loops in the Na+-Citrate Transporter CitS of Klebsiella pneumoniae. Biochemistry, 2010, 49, 4509-4515.	1.2	7
24	Evolution of Antiparallel Two-Domain Membrane Proteins. Swapping Domains in the Glutamate Transporter GltS. Biochemistry, 2010, 49, 5972-5974.	1.2	7
25	Functional Importance of GGXG Sequence Motifs in Putative Reentrant Loops of 2HCT and ESS Transport Proteins. Biochemistry, 2009, 48, 7448-7456.	1.2	13
26	Evolution of Antiparallel Two-domain Membrane Proteins: Tracing Multiple Gene Duplication Events in the DUF606 Family. Journal of Molecular Biology, 2008, 378, 596-606.	2.0	35
27	Membrane Topology Prediction by Hydropathy Profile Alignment:â€‰ Membrane Topology of the Na+-Glutamate Transporter GltS. Biochemistry, 2007, 46, 2326-2332.	1.2	19