

Olena O Kurylenko

List of Publications by Year in descending order

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16
papers

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1039406

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#	ARTICLE	IF	CITATIONS
1	The role of Mig1, Mig2, Tup1 and Hap4 transcription factors in regulation of xylose and glucose fermentation in the thermotolerant yeast <i>Ogataea polymorpha</i> . FEMS Yeast Research, 2021, 21, .	1.1	6
2	Construction of advanced producers of first- and second-generation ethanol in <i>Saccharomyces cerevisiae</i> and selected species of non-conventional yeasts (<i>Scheffersomyces stipitis</i> , <i>Ogataea</i>) Tj ETQq0 0 OrgBT /Overdlock 10 T		
3	Multinuclear Yeast <i>Magnusiomyces</i> (<i>Dipodascus</i> , <i>Endomyces</i>) <i>magnusii</i> is a Promising Isobutanol Producer. Biotechnology Journal, 2020, 15, e1900490.	1.8	12
4	Engineering of sugar transporters for improvement of xylose utilization during high-temperature alcoholic fermentation in <i>Ogataea polymorpha</i> yeast. Microbial Cell Factories, 2020, 19, 96.	1.9	19
5	Development of new dominant selectable markers for the nonconventional yeasts <i>Ogataea polymorpha</i> and <i>Candida famata</i> . Yeast, 2020, 37, 505-513.	0.8	6
6	Glutathione Metabolism in Yeasts and Construction of the Advanced Producers of This Tripeptide. , 2019, , 153-196.		4
7	Anhydrobiosis in yeasts: Glutathione synthesis by yeast <i>Ogataea</i> (<i>Hansenula</i>) <i>polymorpha</i> cells after their dehydration-rehydration. Journal of Biotechnology, 2019, 304, 28-30.	1.9	3
8	Gene of the transcriptional activator MET4 is involved in regulation of glutathione biosynthesis in the methylotrophic yeast <i>Ogataea</i> (<i>Hansenula</i>) <i>polymorpha</i> . FEMS Yeast Research, 2018, 18, .	1.1	14
9	Peroxisomes and peroxisomal transketolase and transaldolase enzymes are essential for xylose alcoholic fermentation by the methylotrophic thermotolerant yeast, <i>Ogataea</i> (<i>Hansenula</i>) <i>polymorpha</i> . Biotechnology for Biofuels, 2018, 11, 197.	6.2	20
10	Development of the Thermotolerant Methylotrophic Yeast <i>Hansenula polymorpha</i> as Efficient Ethanol Producer. , 2017, , 257-282.		2
11	Transcriptional activator Cat8 is involved in regulation of xylose alcoholic fermentation in the thermotolerant yeast <i>Ogataea</i> (<i>Hansenula</i>) <i>polymorpha</i> . Microbial Cell Factories, 2017, 16, 36.	1.9	23
12	Genetic Improvement of Conventional and Nonconventional Yeasts for the Production of First- and Second-Generation Ethanol. , 2017, , 1-38.		6
13	The zinc cluster transcriptional regulator <i>Asg1</i> transcriptionally coordinates oleate utilization and lipid accumulation in <i>Saccharomyces cerevisiae</i> . Applied Microbiology and Biotechnology, 2016, 100, 4549-4560.	1.7	15
14	New approaches for improving the production of the 1st and 2nd generation ethanol by yeast.. Acta Biochimica Polonica, 2016, 63, 31-38.	0.3	9
15	Metabolic engineering and classical selection of the methylotrophic thermotolerant yeast <i>Hansenula polymorpha</i> for improvement of high-temperature xylose alcoholic fermentation. Microbial Cell Factories, 2014, 13, 122.	1.9	46
16	Alcoholic fermentation by wild-type <i>Hansenula polymorpha</i> and <i>Saccharomyces cerevisiae</i> versus recombinant strains with an elevated level of intracellular glutathione. Journal of Industrial Microbiology and Biotechnology, 2011, 38, 1853-1859.	1.4	15