

Jean-Marc Nicaud

List of Publications by Year in descending order

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214
papers

15,363
citations

18887

64
h-index

24511

114
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217
all docs

217
docs citations

217
times ranked

10895
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioproduction of 2-Phenylethanol through Yeast Fermentation on Synthetic Media and on Agro-Industrial Waste and By-Products: A Review. <i>Foods</i> , 2022, 11, 109.	1.9	25
2	Optimization of cis-9-Heptadecenoic Acid Production from the Oleaginous Yeast <i>Yarrowia lipolytica</i> . <i>Fermentation</i> , 2022, 8, 245.	1.4	4
3	Golden Gate Multigene Assembly Method for <i>Yarrowia lipolytica</i> . <i>Methods in Molecular Biology</i> , 2022, , 205-220.	0.4	5
4	<i>Yarrowia lipolytica</i> chassis strains engineered to produce aromatic amino acids via the shikimate pathway. <i>Microbial Biotechnology</i> , 2021, 14, 2420-2434.	2.0	19
5	Mechanical Cell Disruption Technologies for the Extraction of Dyes and Pigments from Microorganisms: A Review. <i>Fermentation</i> , 2021, 7, 36.	1.4	30
6	A <i>Yarrowia lipolytica</i> Strain Engineered for Pyomelanin Production. <i>Microorganisms</i> , 2021, 9, 838.	1.6	11
7	Engineering precursor pools for increasing production of odd-chain fatty acids in <i>Yarrowia lipolytica</i> . <i>Metabolic Engineering Communications</i> , 2021, 12, e00158.	1.9	17
8	The Role of Hexokinase and Hexose Transporters in Preferential Use of Glucose over Fructose and Downstream Metabolic Pathways in the Yeast <i>Yarrowia lipolytica</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 9282.	1.8	8
9	Bioproducts generation from carboxylate platforms by the non-conventional yeast <i>Yarrowia lipolytica</i> . <i>FEMS Yeast Research</i> , 2021, 21, .	1.1	15
10	Hydrolytic secretome engineering in <i>Yarrowia lipolytica</i> for consolidated bioprocessing on polysaccharide resources: review on starch, cellulose, xylan, and inulin. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 975-989.	1.7	13
11	Extraction and purification of violacein from <i>Yarrowia lipolytica</i> cells using aqueous solutions of surfactants. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 1126-1134.	1.6	20
12	Glutamate dehydrogenases in the oleaginous yeast <i>Yarrowia lipolytica</i> . <i>Yeast</i> , 2020, 37, 103-115.	0.8	4
13	Screening a genomic library for genes involved in propionate tolerance in <i>Yarrowia lipolytica</i> . <i>Yeast</i> , 2020, 37, 131-140.	0.8	14
14	Overexpression of diacylglycerol acetyltransferase from <i>Euonymus europaeus</i> in <i>Yarrowia lipolytica</i> leads to the production of single-cell oil enriched with 1,2-diacylglycerols. <i>Yeast</i> , 2020, 37, 141-147.	0.8	10
15	In <i>Yarrowia lipolytica</i> erythritol catabolism ends with erythrose phosphate. <i>Cell Biology International</i> , 2020, 44, 651-660.	1.4	14
16	Metabolic Engineering for Unusual Lipid Production in <i>Yarrowia lipolytica</i> . <i>Microorganisms</i> , 2020, 8, 1937.	1.6	20
17	Engineering the Yeast <i>Yarrowia lipolytica</i> for Production of Polylactic Acid Homopolymer. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 954.	2.0	21
18	Optimization of <i>Yarrowia lipolytica</i> -based consolidated biocatalyst through synthetic biology approach: transcription units and signal peptides shuffling. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 5845-5859.	1.7	10

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19	Fermentation process for producing CFAs using <i>Yarrowia lipolytica</i> . Journal of Industrial Microbiology and Biotechnology, 2020, 47, 403-412.	1.4	18
20	Construction of wild-type <i>Yarrowia lipolytica</i> IMUFRJ 50682 auxotrophic mutants using dual CRISPR/Cas9 strategy for novel biotechnological approaches. Enzyme and Microbial Technology, 2020, 140, 109621.	1.6	5
21	Transforming <i>Candida hispaniensis</i> , a promising oleaginous and flavogenic yeast. Yeast, 2020, 37, 348-355.	0.8	8
22	Production of Long Chain Fatty Alcohols Found in Bumblebee Pheromones by <i>Yarrowia lipolytica</i> . Frontiers in Bioengineering and Biotechnology, 2020, 8, 593419.	2.0	8
23	A set of <i>Yarrowia lipolytica</i> CRISPR/Cas9 vectors for exploiting wild-type strain diversity. Biotechnology Letters, 2020, 42, 773-785.	1.1	32
24	Poly(ethylene terephthalate) (PET) degradation by <i>Yarrowia lipolytica</i> : Investigations on cell growth, enzyme production and monomers consumption. Process Biochemistry, 2020, 95, 81-90.	1.8	47
25	Engineering the architecture of erythritol-inducible promoters for regulated and enhanced gene expression in <i>Yarrowia lipolytica</i> . FEMS Yeast Research, 2019, 19, .	1.1	15
26	Temperature-responsive extraction of violacein using a tuneable anionic surfactant-based system. Chemical Communications, 2019, 55, 8643-8646.	2.2	10
27	Efficient expression vectors and host strain for the production of recombinant proteins by <i>Yarrowia lipolytica</i> in process conditions. Microbial Cell Factories, 2019, 18, 167.	1.9	15
28	Cell disruption pre-treatments towards an effective recovery of oil from <i>Yarrowia lipolytica</i> oleaginous yeast. Biomass and Bioenergy, 2019, 128, 105320.	2.9	15
29	Optimization of cyclopropane fatty acids production in <i>Yarrowia lipolytica</i> . Yeast, 2019, 36, 143-151.	0.8	18
30	A modular Golden Gate toolkit for <i>Yarrowia lipolytica</i> synthetic biology. Microbial Biotechnology, 2019, 12, 1249-1259.	2.0	56
31	Production and characterization of two medium-chain-length polyhydroxyalkanoates by engineered strains of <i>Yarrowia lipolytica</i> . Microbial Cell Factories, 2019, 18, 99.	1.9	44
32	Selection of Heterologous Protein-Producing Strains in <i>Yarrowia lipolytica</i> . Methods in Molecular Biology, 2019, 1923, 153-168.	0.4	7
33	Genetic engineering of Ehrlich pathway modulates production of higher alcohols in engineered <i>Yarrowia lipolytica</i> . FEMS Yeast Research, 2019, 19, .	1.1	16
34	Filamentous fungi-like secretory pathway strayed in a yeast system: peculiarities of <i>Yarrowia lipolytica</i> secretory pathway underlying its extraordinary performance. Applied Microbiology and Biotechnology, 2019, 103, 39-52.	1.7	38
35	De novo Biosynthesis of Odd-Chain Fatty Acids in <i>Yarrowia lipolytica</i> Enabled by Modular Pathway Engineering. Frontiers in Bioengineering and Biotechnology, 2019, 7, 484.	2.0	44
36	Uptake and Assimilation of Hydrophobic Substrates by the Oleaginous Yeast <i>Yarrowia lipolytica</i> . , 2018, , 59-74.		2

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37	Overexpression screen reveals transcription factors involved in lipid accumulation in <i>Yarrowia lipolytica</i> . FEMS Yeast Research, 2018, 18, .	1.1	19
38	Robust signal peptides for protein secretion in <i>Yarrowia lipolytica</i> : identification and characterization of novel secretory tags. Applied Microbiology and Biotechnology, 2018, 102, 5221-5233.	1.7	40
39	<i>Yarrowia lipolytica</i> morphological mutant enables lasting in situ immobilization in bioreactor. Applied Microbiology and Biotechnology, 2018, 102, 5473-5482.	1.7	16
40	A synthetic biology approach to transform <i>Yarrowia lipolytica</i> into a competitive biotechnological producer of β -carotene. Biotechnology and Bioengineering, 2018, 115, 464-472.	1.7	245
41	Identification and characterization of EYD1, encoding an erythritol dehydrogenase in <i>Yarrowia lipolytica</i> and its application to bioconvert erythritol into erythrulose. Bioresource Technology, 2018, 247, 963-969.	4.8	43
42	Modulation of the Glycerol Phosphate availability led to concomitant reduction in the citric acid excretion and increase in lipid content and yield in <i>Yarrowia lipolytica</i> . Journal of Biotechnology, 2018, 265, 40-45.	1.9	28
43	The Engineering Potential of <i>Rhodospiridium toruloides</i> as a Workhorse for Biotechnological Applications. Trends in Biotechnology, 2018, 36, 304-317.	4.9	171
44	A gas chromatography full scan high resolution Orbitrap mass spectrometry method for separation and characterization of 3-hydroxymethyl pyridine ester of fatty acids at low levels. Journal of Chromatography A, 2018, 1575, 72-79.	1.8	11
45	Optimization of odd chain fatty acid production by <i>Yarrowia lipolytica</i> . Biotechnology for Biofuels, 2018, 11, 158.	6.2	75
46	Engineering <i>Yarrowia lipolytica</i> to enhance lipid production from lignocellulosic materials. Biotechnology for Biofuels, 2018, 11, 11.	6.2	103
47	Synthetic Biology to Improve the Production of Lipases and Esterases (Review). Methods in Molecular Biology, 2018, 1835, 229-242.	0.4	2
48	Characterization of hexose transporters in <i>Yarrowia lipolytica</i> reveals new groups of Sugar Porters involved in yeast growth. Fungal Genetics and Biology, 2017, 100, 1-12.	0.9	31
49	Droplet-based microfluidic high-throughput screening of heterologous enzymes secreted by the yeast <i>Yarrowia lipolytica</i> . Microbial Cell Factories, 2017, 16, 18.	1.9	95
50	Golden Gate Assembly system dedicated to complex pathway manipulation in <i>Yarrowia lipolytica</i> . Microbial Biotechnology, 2017, 10, 450-455.	2.0	105
51	Using a vector pool containing variable-strength promoters to optimize protein production in <i>Yarrowia lipolytica</i> . Microbial Cell Factories, 2017, 16, 31.	1.9	90
52	Sugar versus fat: elimination of glycogen storage improves lipid accumulation in <i>Yarrowia lipolytica</i> . FEMS Yeast Research, 2017, 17, .	1.1	39
53	Enhancing erythritol productivity in <i>Yarrowia lipolytica</i> using metabolic engineering. Metabolic Engineering, 2017, 42, 19-24.	3.6	77
54	EYK1 encoding erythrulose kinase as a catabolic selectable marker for genome editing in the non-conventional yeast <i>Yarrowia lipolytica</i> . Journal of Microbiological Methods, 2017, 139, 161-164.	0.7	22

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55	A metabolic engineering strategy for producing conjugated linoleic acids using the oleaginous yeast <i>Yarrowia lipolytica</i> . <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4605-4616.	1.7	44
56	Transforming sugars into fat - lipid biosynthesis using different sugars in <i>Yarrowia lipolytica</i> . <i>Yeast</i> , 2017, 34, 293-304.	0.8	22
57	Inference and interrogation of a coregulatory network in the context of lipid accumulation in <i>Yarrowia lipolytica</i> . <i>Npj Systems Biology and Applications</i> , 2017, 3, 21.	1.4	15
58	Conferring cellulose-degrading ability to <i>Yarrowia lipolytica</i> to facilitate a consolidated bioprocessing approach. <i>Biotechnology for Biofuels</i> , 2017, 10, 132.	6.2	38
59	Glycerol conversion into a single cell oil by engineered <i>Yarrowia lipolytica</i> . <i>Engineering in Life Sciences</i> , 2017, 17, 325-332.	2.0	21
60	Sugar versus fat: elimination of glycogen storage improves lipid accumulation in <i>Yarrowia lipolytica</i> . <i>FEMS Yeast Research</i> , 2017, 17, .	1.1	32
61	New inducible promoter for gene expression and synthetic biology in <i>Yarrowia lipolytica</i> . <i>Microbial Cell Factories</i> , 2017, 16, 141.	1.9	75
62	Expressing accessory proteins in cellulolytic <i>Yarrowia lipolytica</i> to improve the conversion yield of recalcitrant cellulose. <i>Biotechnology for Biofuels</i> , 2017, 10, 298.	6.2	27
63	Metabolic engineering of <i>Yarrowia lipolytica</i> to produce chemicals and fuels from xylose. <i>Metabolic Engineering</i> , 2016, 38, 115-124.	3.6	181
64	Deciphering how LIP2 and POX2 promoters can optimally regulate recombinant protein production in the yeast <i>Yarrowia lipolytica</i> . <i>Microbial Cell Factories</i> , 2016, 15, 159.	1.9	36
65	Metabolic Engineering for Expanding the Substrate Range of <i>Yarrowia lipolytica</i> . <i>Trends in Biotechnology</i> , 2016, 34, 798-809.	4.9	168
66	<i>Yarrowia lipolytica</i> AAL genes are involved in peroxisomal fatty acid activation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 555-565.	1.2	24
67	High-throughput fermentation screening for the yeast <i>Yarrowia lipolytica</i> with real-time monitoring of biomass and lipid production. <i>Microbial Cell Factories</i> , 2016, 15, 147.	1.9	52
68	Overexpression of diacylglycerol acyltransferase in <i>Yarrowia lipolytica</i> affects lipid body size, number and distribution. <i>FEMS Yeast Research</i> , 2016, 16, fow062.	1.1	47
69	Combining metabolic engineering and process optimization to improve production and secretion of fatty acids. <i>Metabolic Engineering</i> , 2016, 38, 38-46.	3.6	145
70	<i>Yarrowia lipolytica</i> as a biotechnological chassis to produce usual and unusual fatty acids. <i>Progress in Lipid Research</i> , 2016, 61, 40-50.	5.3	249
71	Awakening the endogenous Leloir pathway for efficient galactose utilization by <i>Yarrowia lipolytica</i> . <i>Biotechnology for Biofuels</i> , 2015, 8, 185.	6.2	44
72	Comprehensive Analysis of a Yeast Lipase Family in the <i>Yarrowia</i> Clade. <i>PLoS ONE</i> , 2015, 10, e0143096.	1.1	33

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73	Effect of POX genotype and Lip2p overexpression on lactone production and reconsumption by <i>Yarrowia lipolytica</i> using castor oil as substrate. <i>Process Biochemistry</i> , 2015, 50, 1357-1362.	1.8	15
74	Lipid production by the oleaginous yeast <i>Yarrowia lipolytica</i> using industrial by-products under different culture conditions. <i>Biotechnology for Biofuels</i> , 2015, 8, 104.	6.2	155
75	High-throughput transformation method for <i>Yarrowia lipolytica</i> mutant library screening. <i>FEMS Yeast Research</i> , 2015, 15, fov052.	1.1	28
76	Single cell oil production on molasses by <i>Yarrowia lipolytica</i> strains overexpressing DGA2 in multicopy. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 8065-8074.	1.7	70
77	Analysis of ATP-citrate lyase and malic enzyme mutants of <i>Yarrowia lipolytica</i> points out the importance of mannitol metabolism in fatty acid synthesis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 1107-1117.	1.2	89
78	Unraveling fatty acid transport and activation mechanisms in <i>Yarrowia lipolytica</i> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 1202-1217.	1.2	71
79	Role of Pex11p in Lipid Homeostasis in <i>Yarrowia lipolytica</i> . <i>Eukaryotic Cell</i> , 2015, 14, 511-525.	3.4	17
80	The evolution of Jen3 proteins and their role in dicarboxylic acid transport in <i>Yarrowia</i> . <i>MicrobiologyOpen</i> , 2015, 4, 100-120.	1.2	15
81	Engineering <i>Yarrowia lipolytica</i> to produce biodiesel from raw starch. <i>Biotechnology for Biofuels</i> , 2015, 8, 148.	6.2	66
82	Development of cellobiose-degrading ability in <i>Yarrowia lipolytica</i> strain by overexpression of endogenous genes. <i>Biotechnology for Biofuels</i> , 2015, 8, 109.	6.2	57
83	Molecular Characterization of the <i>Elaeis guineensis</i> Medium-Chain Fatty Acid Diacylglycerol Acyltransferase DGAT1-1 by Heterologous Expression in <i>Yarrowia lipolytica</i> . <i>PLoS ONE</i> , 2015, 10, e0143113.	1.1	28
84	Protocols for Monitoring Growth and Lipid Accumulation in Oleaginous Yeasts. <i>Springer Protocols</i> , 2014, , 153-169.	0.1	7
85	Hexokinase—A limiting factor in lipid production from fructose in <i>Yarrowia lipolytica</i> . <i>Metabolic Engineering</i> , 2014, 26, 89-99.	3.6	113
86	Zinc Finger Transcription Factors Displaced SREBP Proteins as the Major Sterol Regulators during <i>Saccharomyces</i> Evolution. <i>PLoS Genetics</i> , 2014, 10, e1004076.	1.5	63
87	Draft Genome Sequence of <i>Rhodospiridium toruloides</i> CECT1137, an Oleaginous Yeast of Biotechnological Interest. <i>Genome Announcements</i> , 2014, 2, .	0.8	24
88	Metabolic engineering for ricinoleic acid production in the oleaginous yeast <i>Yarrowia lipolytica</i> . <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 251-262.	1.7	113
89	The fatty acid transport protein Fat1p is involved in the export of fatty acids from lipid bodies in <i>Yarrowia lipolytica</i> . <i>FEMS Yeast Research</i> , 2014, 14, 883-896.	1.1	45
90	Construction of a Highly Active Xylanase Displaying Oleaginous Yeast: Comparison of Anchoring Systems. <i>PLoS ONE</i> , 2014, 9, e95128.	1.1	37

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91	Importance of the methyl-citrate cycle on glycerol metabolism in the yeast <i>Yarrowia lipolytica</i> . <i>Journal of Biotechnology</i> , 2013, 168, 303-314.	1.9	84
92	Optimized invertase expression and secretion cassette for improving <i>Yarrowia lipolytica</i> growth on sucrose for industrial applications. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013, 40, 1273-1283.	1.4	68
93	Efficient homologous recombination with short length flanking fragments in Ku70 deficient <i>Yarrowia lipolytica</i> strains. <i>Biotechnology Letters</i> , 2013, 35, 571-576.	1.1	127
94	Characterization of the two intracellular lipases of <i>Y. lipolytica</i> encoded by TGL3 and TGL4 genes: New insights into the role of intracellular lipases and lipid body organisation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 1486-1495.	1.2	87
95	The Lipases from <i>Y. lipolytica</i> : Genetics, Production, Regulation, and Biochemical Characterization. <i>Microbiology Monographs</i> , 2013, , 99-119.	0.3	3
96	Microorganisms as sources of oils. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2013, 20, D603.	0.6	72
97	Comparative Physiology of Oleaginous Species from the <i>Yarrowia</i> Clade. <i>PLoS ONE</i> , 2013, 8, e63356.	1.1	41
98	Biotechnological Applications of <i>Yarrowia lipolytica</i> Lipases: An Overview. <i>Microbiology Monographs</i> , 2013, , 121-136.	0.3	2
99	Importance of the methyl-citrate cycle on glycerol metabolism in the yeast <i>Yarrowia lipolytica</i> . <i>Journal of Biotechnology</i> , 2013, 168, 303-14.	1.9	20
100	Alternative Splicing Regulates Targeting of Malate Dehydrogenase in <i>Yarrowia lipolytica</i> . <i>DNA Research</i> , 2012, 19, 231-244.	1.5	48
101	Yeast: A new oil producer?. <i>Oleagineux Corps Gras Lipides</i> , 2012, 19, 22-28.	0.2	65
102	Characterization of <i>Yarrowia lipolytica</i> XPR2 multi-copy strains over-producing alkaline extracellular protease - a system for rapidly increasing secretory pathway cargo loads. <i>FEMS Yeast Research</i> , 2012, 12, 938-948.	1.1	15
103	Engineering and production of laccase from <i>Trametes versicolor</i> in the yeast <i>Yarrowia lipolytica</i> . <i>Bioresource Technology</i> , 2012, 125, 267-274.	4.8	46
104	The Yeast <i>Yarrowia lipolytica</i> as a Generic Tool for Molecular Evolution of Enzymes. <i>Methods in Molecular Biology</i> , 2012, 861, 301-312.	0.4	16
105	<i>Yarrowia lipolytica</i> . <i>Yeast</i> , 2012, 29, 409-418.	0.8	232
106	A genome-scale metabolic model of the lipid-accumulating yeast <i>Yarrowia lipolytica</i> . <i>BMC Systems Biology</i> , 2012, 6, 35.	3.0	105
107	Production and characterization of human granulocyte macrophage colony-stimulating factor (hGM-CSF) expressed in the oleaginous yeast <i>Yarrowia lipolytica</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 89-101.	1.7	12
108	Mitochondrial genomes of yeasts of the <i>Yarrowia</i> clade. <i>FEMS Yeast Research</i> , 2012, 12, 317-331.	1.1	28

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109	Identification and characterization of DGA2, an acyltransferase of the DGAT1 acyl-CoA:diacylglycerol acyltransferase family in the oleaginous yeast <i>Yarrowia lipolytica</i> . New insights into the storage lipid metabolism of oleaginous yeasts. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 1523-1537.	1.7	132
110	Isolation of a thermostable variant of Lip2 lipase from <i>Yarrowia lipolytica</i> by directed evolution and deeper insight into the denaturation mechanisms involved. <i>Journal of Biotechnology</i> , 2011, 156, 117-124.	1.9	36
111	Transcriptional profiling of the marine oil-degrading bacterium <i>Alcanivorax borkumensis</i> during growth on n-alkanes. <i>FEMS Microbiology Letters</i> , 2011, 319, 160-168.	0.7	65
112	The "LipoYeasts"™ project: using the oleaginous yeast <i>Yarrowia lipolytica</i> in combination with specific bacterial genes for the bioconversion of lipids, fats and oils into high-value products. <i>Microbial Biotechnology</i> , 2011, 4, 47-54.	2.0	55
113	Involvement of the G3P shuttle and β^2 -oxidation pathway in the control of TAG synthesis and lipid accumulation in <i>Yarrowia lipolytica</i> . <i>Metabolic Engineering</i> , 2011, 13, 482-491.	3.6	214
114	The lipases from <i>Yarrowia lipolytica</i> : Genetics, production, regulation, biochemical characterization and biotechnological applications. <i>Biotechnology Advances</i> , 2011, 29, 632-644.	6.0	196
115	A molecular approach to optimize hIFN β expression and secretion in <i>Yarrowia lipolytica</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 109-119.	1.7	39
116	An overview of lipid metabolism in yeasts and its impact on biotechnological processes. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 1193-1206.	1.7	312
117	Engineering polyhydroxyalkanoate content and monomer composition in the oleaginous yeast <i>Yarrowia lipolytica</i> by modifying the β -oxidation multifunctional protein. <i>Applied Microbiology and Biotechnology</i> , 2011, 91, 1327-1340.	1.7	58
118	Design of an efficient medium for heterologous protein production in <i>Yarrowia lipolytica</i> : case of human interferon alpha 2b. <i>Microbial Cell Factories</i> , 2011, 10, 38.	1.9	27
119	Development of a cultivation process for the enhancement of human interferon alpha 2b production in the oleaginous yeast, <i>Yarrowia lipolytica</i> . <i>Microbial Cell Factories</i> , 2011, 10, 90.	1.9	26
120	Transcriptomic Analyses during the Transition from Biomass Production to Lipid Accumulation in the Oleaginous Yeast <i>Yarrowia lipolytica</i> . <i>PLoS ONE</i> , 2011, 6, e27966.	1.1	117
121	Predicted secondary structure of hydroperoxide lyase from green bell pepper cloned in the yeast <i>Yarrowia lipolytica</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 65, 63-67.	1.8	9
122	Co-expression of heterologous desaturase genes in <i>Yarrowia lipolytica</i> . <i>New Biotechnology</i> , 2010, 27, 277-282.	2.4	60
123	A new <i>Yarrowia lipolytica</i> expression system: An efficient tool for rapid and reliable kinetic analysis of improved enzymes. <i>Enzyme and Microbial Technology</i> , 2010, 47, 91-96.	1.6	17
124	<i>SOA</i> genes encode proteins controlling lipase expression in response to triacylglycerol utilization in the yeast <i>Yarrowia lipolytica</i> . <i>FEMS Yeast Research</i> , 2010, 10, 93-103.	1.1	23
125	Roles of multiple acyl-CoA oxidases in the routing of carbon flow towards β^2 -oxidation and polyhydroxyalkanoate biosynthesis in <i>Yarrowia lipolytica</i> . <i>FEMS Yeast Research</i> , 2010, 10, 917-927.	1.1	55
126	New Efficient Recombinant Expression System To Engineer <i>Candida antarctica</i> Lipase B. <i>Applied and Environmental Microbiology</i> , 2010, 76, 2684-2687.	1.4	44

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127	First complexomic study of alkane-binding protein complexes in the yeast <i>Yarrowia lipolytica</i> . <i>Talanta</i> , 2010, 80, 1576-1585.	2.9	21
128	Improvement of <i>Yarrowia lipolytica</i> Lipase Enantioselectivity by Using Mutagenesis Targeted to the Substrate Binding Site. <i>ChemBioChem</i> , 2009, 10, 1705-1713.	1.3	58
129	Biosynthesis of lipids and organic acids by <i>Yarrowia lipolytica</i> strains cultivated on glucose. <i>European Journal of Lipid Science and Technology</i> , 2009, 111, 1221-1232.	1.0	142
130	<i>Yarrowia lipolytica</i> : A model and a tool to understand the mechanisms implicated in lipid accumulation. <i>Biochimie</i> , 2009, 91, 692-696.	1.3	236
131	<i>Yarrowia lipolytica</i> as a model for bio-oil production. <i>Progress in Lipid Research</i> , 2009, 48, 375-387.	5.3	606
132	Applications of the Non-Conventional Yeast <i>Yarrowia lipolytica</i> . , 2009, , 589-613.		20
133	Production of Functional gamma-Linolenic Acid (GLA) by Expression of Fungal Delta12- and Delta6-Desaturase Genes in the Oleaginous Yeast. , 2009, , 163-180.		1
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135	Secondary structure conformation of hydroperoxide lyase from green bell pepper, cloned in <i>Yarrowia lipolytica</i> , and its activity in selected media. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 52-53, 128-132.	1.8	11
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