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List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,109
citations

566801

15
h-index

433756

31
g-index

35
all docs

35
docs citations

35
times ranked

1770
citing authors

#	ARTICLE	IF	CITATIONS
1	Microarray data mining with visual programming. <i>Bioinformatics</i> , 2005, 21, 396-398.	1.8	131
2	Genome-Wide Localization Study of Yeast Pex11 Identifies Peroxisome-Mitochondria Interactions through the ERMES Complex. <i>Journal of Molecular Biology</i> , 2015, 427, 2072-2087.	2.0	131
3	Cellular responses to environmental salinity in the halophilic black yeast <i>Hortaea werneckii</i> . <i>Molecular Microbiology</i> , 2002, 45, 665-672.	1.2	107
4	Yeast as a cell factory: current state and perspectives. <i>Microbial Cell Factories</i> , 2015, 14, 94.	1.9	87
5	Polygenic analysis and targeted improvement of the complex trait of high acetic acid tolerance in the yeast <i>Saccharomyces cerevisiae</i> . <i>Biotechnology for Biofuels</i> , 2016, 9, 5.	6.2	83
6	Scan-o-matic: High-Resolution Microbial Phenomics at a Massive Scale. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 3003-3014.	0.8	69
7	VizRank: finding informative data projections in functional genomics by machine learning. <i>Bioinformatics</i> , 2005, 21, 413-414.	1.8	58
8	Democratized image analytics by visual programming through integration of deep models and small-scale machine learning. <i>Nature Communications</i> , 2019, 10, 4551.	5.8	44
9	Role of oxidative stress in the extremely salt-tolerant yeast <i>Hortaea werneckii</i> . <i>FEMS Yeast Research</i> , 2006, 6, 816-822.	1.1	39
10	Ammodytoxin, a neurotoxic secreted phospholipase A2, can act in the cytosol of the nerve cell. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 981-985.	1.0	37
11	Imaging-Based Live Cell Yeast Screen Identifies Novel Factors Involved in Peroxisome Assembly. <i>Journal of Proteome Research</i> , 2009, 8, 20-27.	1.8	33
12	Domestication reprogrammed the budding yeast life cycle. <i>Nature Ecology and Evolution</i> , 2022, 6, 448-460.	3.4	32
13	Next-generation biofuels: a new challenge for yeast. <i>Yeast</i> , 2015, 32, 583-593.	0.8	30
14	Fungi in Salterns. , 2004 , , 103-113.		26
15	TA-clustering: Cluster analysis of gene expression profiles through Temporal Abstractions. <i>International Journal of Medical Informatics</i> , 2005, 74, 505-517.	1.6	22
16	Ethanolamine ameliorates mitochondrial dysfunction in cardiolipin-deficient yeast cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 10870-10883.	1.6	19
17	Yeasts from temperate forests. <i>Yeast</i> , 2022, 39, 4-24.	0.8	18
18	Ammodytoxin, a secretory phospholipase A2, inhibits G2 cell-cycle arrest in the yeast <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , 2005, 391, 383-388.	1.7	16

#	ARTICLE	IF	CITATIONS
19	Human Stefin B Role in Cell's Response to Misfolded Proteins and Autophagy. PLoS ONE, 2014, 9, e102500.	1.1	15
20	HMG-CoA reductase is regulated by environmental salinity and its activity is essential for halotolerance in halophilic fungi. Studies in Mycology, 2008, 61, 61-66.	4.5	13
21	Engineering of <i>Saccharomyces cerevisiae</i> for the accumulation of high amounts of triacylglycerol. Microbial Cell Factories, 2021, 20, 147.	1.9	12
22	A Neurotoxic Phospholipase A2 Impairs Yeast Amphiphysin Activity and Reduces Endocytosis. PLoS ONE, 2012, 7, e40931.	1.1	11
23	Neurotoxic phospholipase A ₂ toxicity model. Communicative and Integrative Biology, 2013, 6, e23600.	0.6	11
24	Transcriptomics unravels the adaptive molecular mechanisms of <i>Brettanomyces bruxellensis</i> under SO ₂ stress in wine condition. Food Microbiology, 2020, 90, 103483.	2.1	10
25	Yeast as a model eukaryote in toxinology: A functional genomics approach to studying the molecular basis of action of pharmacologically active molecules. Toxicon, 2012, 60, 558-571.	0.8	9
26	Determination of toxicity of neonicotinoids on the genome level using chemogenomics in yeast. Chemosphere, 2014, 104, 91-96.	4.2	8
27	Yeast <i>Saccharomyces cerevisiae</i> adiponectin receptor homolog <i>Izh2</i> is involved in the regulation of zinc, phospholipid and pH homeostasis. Metallomics, 2015, 7, 1338-1351.	1.0	8
28	Inferring gene regulatory networks by integrating static and dynamic data. International Journal of Medical Informatics, 2007, 76, S462-S475.	1.6	7
29	Molecular Mechanisms in Yeast Carbon Metabolism: Lipid Metabolism and Lipidomics. , 2014, , 169-215.		6
30	Inference of the Molecular Mechanism of Action from Genetic Interaction and Gene Expression Data. OMICS A Journal of Integrative Biology, 2010, 14, 357-367.	1.0	3
31	<i>Tum1</i> is involved in the metabolism of sterol esters in <i>Saccharomyces cerevisiae</i> . BMC Microbiology, 2017, 17, 181.	1.3	3
32	Identification of novel genes involved in neutral lipid storage by quantitative trait loci analysis of <i>Saccharomyces cerevisiae</i> . BMC Genomics, 2021, 22, 110.	1.2	3
33	Rule-based Clustering for Gene Promoter Structure Discovery. Methods of Information in Medicine, 2009, 48, 229-235.	0.7	3
34	Yeast lipids. Yeast, 2020, 37, 3-3.	0.8	0