

Ingrid Lafontaine

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9357338/publications.pdf>

Version: 2024-02-01

24
papers

2,725
citations

430874

18
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

3365
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome evolution in yeasts. <i>Nature</i> , 2004, 430, 35-44.	27.8	1,498
2	Comparative genomics of protoploid <i>Saccharomycetaceae</i> . <i>Genome Research</i> , 2009, 19, 1696-1709.	5.5	207
3	Comparative Genomics in Hemiascomycete Yeasts: Evolution of Sex, Silencing, and Subtelomeres. <i>Molecular Biology and Evolution</i> , 2005, 22, 856-873.	8.9	135
4	A Molecular Portrait of De Novo Genes in Yeasts. <i>Molecular Biology and Evolution</i> , 2018, 35, 631-645.	8.9	106
5	Reconstruction of ancestral chromosome architecture and gene repertoire reveals principles of genome evolution in a model yeast genus. <i>Genome Research</i> , 2016, 26, 918-932.	5.5	95
6	The RNA polymerase III-dependent family of genes in hemiascomycetes: comparative RNomics, decoding strategies, transcription and evolutionary implications. <i>Nucleic Acids Research</i> , 2006, 34, 1816-1835.	14.5	86
7	Comparative Genomics of Hemiascomycete Yeasts: Genes Involved in DNA Replication, Repair, and Recombination. <i>Molecular Biology and Evolution</i> , 2005, 22, 1011-1023.	8.9	79
8	The complete genome of <i>Blastobotrys (Arxula) adenivorans</i> LS3 - a yeast of biotechnological interest. <i>Biotechnology for Biofuels</i> , 2014, 7, 66.	6.2	57
9	Promiscuous DNA in the nuclear genomes of hemiascomycetous yeasts. <i>FEMS Yeast Research</i> , 2008, 8, 846-857.	2.3	42
10	Large-scale exploration of growth inhibition caused by overexpression of genomic fragments in <i>Saccharomyces cerevisiae</i> . <i>Genome Biology</i> , 2004, 5, R72.	9.6	36
11	Gene relics in the genome of the yeast <i>Saccharomyces cerevisiae</i> . <i>Gene</i> , 2004, 335, 1-17.	2.2	36
12	UGE1 and UGE2 Regulate the UDP-Glucose/UDP-Galactose Equilibrium in <i>Cryptococcus neoformans</i> . <i>Eukaryotic Cell</i> , 2008, 7, 2069-2077.	3.4	36
13	Do symbiotic dinoflagellates secrete lipid droplets?. <i>Limnology and Oceanography</i> , 1994, 39, 925-929.	3.1	33
14	Optimization of Nucleic Acid Sequences. <i>Biophysical Journal</i> , 2000, 79, 680-685.	0.5	32
15	Collective variable modelling of nucleic acids. <i>Current Opinion in Structural Biology</i> , 1999, 9, 170-176.	5.7	27
16	Origin and fate of pseudogenes in Hemiascomycetes: a comparative analysis. <i>BMC Genomics</i> , 2010, 11, 260.	2.8	27
17	Evidence Supporting an Antimicrobial Origin of Targeting Peptides to Endosymbiotic Organelles. <i>Cells</i> , 2020, 9, 1795.	4.1	19
18	ADAPT: A molecular mechanics approach for studying the structural properties of long DNA sequences. <i>Biopolymers</i> , 2000, 56, 292-310.	2.4	18

#	ARTICLE	IF	CITATIONS
19	Ulysses: accurate detection of low-frequency structural variations in large insert-size sequencing libraries. <i>Bioinformatics</i> , 2015, 31, 801-808.	4.1	17
20	Macrotene chromosomes provide insights to a new mechanism of high-order gene amplification in eukaryotes. <i>Nature Communications</i> , 2015, 6, 6154.	12.8	13
21	The role of antimicrobial peptides in the evolution of endosymbiotic protein import. <i>PLoS Pathogens</i> , 2021, 17, e1009466.	4.7	10
22	Additional Layer of Regulation via Convergent Gene Orientation in Yeasts. <i>Molecular Biology and Evolution</i> , 2020, 37, 365-378.	8.9	8
23	High-speed Molecular Mechanics Searches for Optimal DNA Interaction Sites. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2001, 4, 707-717.	1.1	3
24	The Evolutionary History of Peptidases Involved in the Processing of Organelle-Targeting Peptides. <i>Genome Biology and Evolution</i> , 2022, 14, .	2.5	1