Ingrid Lafontaine

List of Publications by Year
in descending order

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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	The Evolutionary History of Peptidases Involved in the Processing of Organelle-Targeting Peptides. Genome Biology and Evolution, 2022, 14, .	2.5	1
2	The role of antimicrobial peptides in the evolution of endosymbiotic protein import. PLoS Pathogens, 2021, 17, e1009466.	4.7	10
3	Additional Layer of Regulation via Convergent Gene Orientation in Yeasts. Molecular Biology and Evolution, 2020, 37, 365-378.	8.9	8
4	Evidence Supporting an Antimicrobial Origin of Targeting Peptides to Endosymbiotic Organelles. Cells, 2020, 9, 1795.	4.1	19
5	A Molecular Portrait of De Novo Genes in Yeasts. Molecular Biology and Evolution, 2018, 35, 631-645.	8.9	106
6	Reconstruction of ancestral chromosome architecture and gene repertoire reveals principles of genome evolution in a model yeast genus. Genome Research, 2016, 26, 918-932.	5.5	95
7	Macrotene chromosomes provide insights to a new mechanism of high-order gene amplification in eukaryotes. Nature Communications, 2015, 6, 6154.	12.8	13
8	Ulysses: accurate detection of low-frequency structural variations in large insert-size sequencing libraries. Bioinformatics, 2015, 31, 801-808.	4.1	17
9	The complete genome of Blastobotrys (Arxula) adeninivorans LS3 - a yeast of biotechnological interest. Biotechnology for Biofuels, 2014, 7, 66.	6.2	57
10	Origin and fate of pseudogenes in Hemiascomycetes: a comparative analysis. BMC Genomics, 2010, 11, 260.	2.8	27
11	Comparative genomics of protoploid Saccharomycetaceae. Genome Research, 2009, 19, 1696-1709.	5.5	207
12	Promiscuous DNA in the nuclear genomes of hemiascomycetous yeasts. FEMS Yeast Research, 2008, 8, 846-857.	2.3	42
13	UGE1 and UGE2 Regulate the UDP-Glucose/UDP-Galactose Equilibrium in Cryptococcus neoformans. Eukaryotic Cell, 2008, 7, 2069-2077.	3.4	36
14	The RNA polymerase III-dependent family of genes in hemiascomycetes: comparative RNomics, decoding strategies, transcription and evolutionary implications. Nucleic Acids Research, 2006, 34, 1816-1835.	14.5	86
15	Comparative Genomics in Hemiascomycete Yeasts: Evolution of Sex, Silencing, and Subtelomeres. Molecular Biology and Evolution, 2005, 22, 856-873.	8.9	135
16	Comparative Genomics of Hemiascomycete Yeasts: Genes Involved in DNA Replication, Repair, and Recombination. Molecular Biology and Evolution, 2005, 22, 1011-1023.	8.9	79
17	Genome evolution in yeasts. Nature, 2004, 430, 35-44.	27.8	1,498
18	Large-scale exploration of growth inhibition caused by overexpression of genomic fragments in Saccharomyces cerevisiae. Genome Biology, 2004, 5, R72.	9.6	36

#	Article	IF	Citations
19	Gene relics in the genome of the yeast Saccharomyces cerevisiae. Gene, 2004, 335, 1-17.	2.2	36
20	High-speed Molecular Mechanics Searches for Optimal DNA Interaction Sites. Combinatorial Chemistry and High Throughput Screening, 2001, 4, 707-717.	1.1	3
21	ADAPT: A molecular mechanics approach for studying the structural properties of long DNA sequences. Biopolymers, 2000, 56, 292-310.	2.4	18
22	Optimization of Nucleic Acid Sequences. Biophysical Journal, 2000, 79, 680-685.	0.5	32
23	Collective variable modelling of nucleic acids. Current Opinion in Structural Biology, 1999, 9, 170-176.	5.7	27
24	Do symbiotic dinoflagellates secrete lipid droplets?. Limnology and Oceanography, 1994, 39, 925-929.	3.1	33