

Maria Rodriguez-Lopez

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

552
citations

623734

14
h-index

794594

19
g-index

33
all docs

33
docs citations

33
times ranked

691
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural genetic variation impacts expression levels of coding, non-coding, and antisense transcripts in fission yeast. <i>Molecular Systems Biology</i> , 2014, 10, 764.	7.2	65
2	General amino acid control in fission yeast is regulated by a nonconserved transcription factor, with functions analogous to Gcn4/Atf4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1829-E1838.	7.1	48
3	Long noncoding RNA repertoire and targeting by nuclear exosome, cytoplasmic exonuclease, and RNAi in fission yeast. <i>Rna</i> , 2018, 24, 1195-1213.	3.5	45
4	Functional and regulatory profiling of energy metabolism in fission yeast. <i>Genome Biology</i> , 2016, 17, 240.	8.8	44
5	Role of Ccr4-Not complex in heterochromatin formation at meiotic genes and subtelomeres in fission yeast. <i>Epigenetics and Chromatin</i> , 2015, 8, 28.	3.9	41
6	Parallel Profiling of Fission Yeast Deletion Mutants for Proliferation and for Lifespan During Long-Term Quiescence. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 145-155.	1.8	38
7	Pyphe, a python toolbox for assessing microbial growth and cell viability in high-throughput colony screens. <i>ELife</i> , 2020, 9, .	6.0	37
8	The GATA Transcription Factor Gaf1 Represses tRNAs, Inhibits Growth, and Extends Chronological Lifespan Downstream of Fission Yeast TORC1. <i>Cell Reports</i> , 2020, 30, 3240-3249.e4.	6.4	33
9	A CRISPR/Cas9-based method and primer design tool for seamless genome editing in fission yeast. <i>Wellcome Open Research</i> , 2016, 1, 19.	1.8	27
10	Pyruvate kinase variant of fission yeast tunes carbon metabolism, cell regulation, growth and stress resistance. <i>Molecular Systems Biology</i> , 2020, 16, e9270.	7.2	27
11	Longevity is determined by ETS transcription factors in multiple tissues and diverse species. <i>PLoS Genetics</i> , 2019, 15, e1008212.	3.5	23
12	The fission yeast rDNA-binding protein Reb1 regulates G1 phase under nutritional stress. <i>Journal of Cell Science</i> , 2011, 124, 25-34.	2.0	22
13	Barcode sequencing and a high-throughput assay for chronological lifespan uncover ageing-associated genes in fission yeast. <i>Microbial Cell</i> , 2021, 8, 146-160.	3.2	19
14	A CRISPR/Cas9-based method and primer design tool for seamless genome editing in fission yeast. <i>Wellcome Open Research</i> , 0, 1, 19.	1.8	18
15	The copper transport-associated protein Ctr4 can form prion-like epigenetic determinants in <i>Schizosaccharomyces pombe</i> . <i>Microbial Cell</i> , 2017, 4, 16-28.	3.2	16
16	Fitness Landscape of the Fission Yeast Genome. <i>Molecular Biology and Evolution</i> , 2019, 36, 1612-1623.	8.9	12
17	Uncovering Natural Longevity Alleles from Intercrossed Pools of Aging Fission Yeast Cells. <i>Genetics</i> , 2018, 210, 733-744.	2.9	8
18	Functional profiling of long intergenic non-coding RNAs in fission yeast. <i>ELife</i> , 2022, 11, .	6.0	7

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19	A CRISPR/Cas9-based method and primer design tool for seamless genome editing in fission yeast. Wellcome Open Research, 0, 1, 19.	1.8	5
20	Ace2 receives helping hand for cell-cycle transcription. Cell Cycle, 2015, 14, 3351-3352.	2.6	2
21	R-loops and regulatory changes in chronologically ageing fission yeast cells drive non-random patterns of genome rearrangements. PLoS Genetics, 2021, 17, e1009784.	3.5	2
22	Recombination and biased segregation of mitochondrial genomes during crossing and meiosis of different strains. MicroPublication Biology, 2021, 2021, .	0.1	0