

# Charalampos Rallis

List of Publications by Year  
in descending order

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Version: 2024-02-01

29  
papers

1,467  
citations

623699  
14  
h-index

454934  
30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2767  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nutrient-Response Pathways in Healthspan and Lifespan Regulation. <i>Cells</i> , 2022, 11, 1568.	4.1	3
2	Amino Acids Whose Intracellular Levels Change Most During Aging Alter Chronological Life Span of Fission Yeast. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 205-210.	3.6	9
3	Crosstalk between the mTOR and DNA Damage Response Pathways in Fission Yeast. <i>Cells</i> , 2021, 10, 305.	4.1	4
4	Genome-wide screens in yeast models towards understanding chronological lifespan regulation. <i>Briefings in Functional Genomics</i> , 2021, , .	2.7	10
5	Caffeine Stabilises Fission Yeast Wee1 in a Rad24-Dependent Manner but Attenuates Its Expression in Response to DNA Damage. <i>Microorganisms</i> , 2020, 8, 1512.	3.6	3
6	The Target of Rapamycin Signalling Pathway in Ageing and Lifespan Regulation. <i>Genes</i> , 2020, 11, 1043.	2.4	59
7	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
8	An essential role for dNTP homeostasis following CDK-induced replication stress. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	16
9	Uncovering Natural Longevity Alleles from Intercrossed Pools of Aging Fission Yeast Cells. <i>Genetics</i> , 2018, 210, 733-744.	2.9	8
10	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
11	Transient structural variations have strong effects on quantitative traits and reproductive isolation in fission yeast. <i>Nature Communications</i> , 2017, 8, 14061.	12.8	472
12	Genetic interactions and functional analyses of the fission yeast <i>gsk3</i> and <i>amk2</i> single and double mutants defective in TORC1-dependent processes. <i>Scientific Reports</i> , 2017, 7, 44257.	3.3	14
13	RNA metabolism is the primary target of formamide in vivo. <i>Scientific Reports</i> , 2017, 7, 15895.	3.3	14
14	The TOR Signaling Pathway in Spatial and Temporal Control of Cell Size and Growth. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 61.	3.7	48
15	Spotsizer: High-throughput quantitative analysis of microbial growth. <i>BioTechniques</i> , 2016, 61, 191-201.	1.8	10
16	Identification of nuclear genes affecting 2-Deoxyglucose resistance in <i>Schizosaccharomyces pombe</i> . <i>FEMS Yeast Research</i> , 2016, 16, fow061.	2.3	7
17	Php4 Is a Key Player for Iron Economy in Meiotic and Sporulating Cells. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 3077-3095.	1.8	16
18	Functional and regulatory profiling of energy metabolism in fission yeast. <i>Genome Biology</i> , 2016, 17, 240.	8.8	44

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19	Cell-based screens and phenomics with fission yeast. Critical Reviews in Biochemistry and Molecular Biology, 2016, 51, 86-95.	5.2	16
20	Increasing extracellular H <sub>2</sub> O <sub>2</sub> produces a bi-phasic response in intracellular H <sub>2</sub> O <sub>2</sub> , with peroxiredoxin hyperoxidation only triggered once the cellular H <sub>2</sub> O <sub>2</sub> -buffering capacity is overwhelmed. Free Radical Biology and Medicine, 2016, 95, 333-348.	2.9	38
21	The genomic and phenotypic diversity of <i>Schizosaccharomyces pombe</i> . Nature Genetics, 2015, 47, 235-241.	21.4	174
22	Parallel Profiling of Fission Yeast Deletion Mutants for Proliferation and for Lifespan During Long-Term Quiescence. G3: Genes, Genomes, Genetics, 2015, 5, 145-155.	1.8	38
23	Widespread exon skipping triggers degradation by nuclear RNA surveillance in fission yeast. Genome Research, 2015, 25, 884-896.	5.5	37
24	A central role for TOR signalling in a yeast model for juvenile CLN3 disease. Microbial Cell, 2015, 2, 466-480.	3.2	13
25	Lithium suppresses A $\beta$ pathology by inhibiting translation in an adult <i>Drosophila</i> model of Alzheimer's disease. Frontiers in Aging Neuroscience, 2014, 6, 190.	3.4	81
26	Systematic screen for mutants resistant to TORC1 inhibition in fission yeast reveals genes involved in cellular ageing and growth. Biology Open, 2014, 3, 161-171.	1.2	55
27	LaSSO, a strategy for genome-wide mapping of intronic lariats and branch points using RNA-seq. Genome Research, 2014, 24, 1169-1179.	5.5	64
28	TORC1 signaling inhibition by rapamycin and caffeine affect lifespan, global gene expression, and cell proliferation of fission yeast. Aging Cell, 2013, 12, 563-573.	6.7	120
29	Inhibition of TORC1 signaling and increased lifespan: gained in translation?. Aging, 2013, 5, 335-336.	3.1	10