

Rodolfo Aramayo

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,138
citations

567281

15
h-index

610901

24
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29
all docs

29
docs citations

29
times ranked

3395
citing authors

#	ARTICLE	IF	CITATIONS
1	The genome sequence of the filamentous fungus <i>Neurospora crassa</i> . <i>Nature</i> , 2003, 422, 859-868.	27.8	1,528
2	Lessons from the Genome Sequence of <i>Neurospora crassa</i> : Tracing the Path from Genomic Blueprint to Multicellular Organism. <i>Microbiology and Molecular Biology Reviews</i> , 2004, 68, 1-108.	6.6	572
3	Meiotic Transvection in Fungi. <i>Cell</i> , 1996, 86, 103-113.	28.9	178
4	<i>Neurospora crassa</i> , a Model System for Epigenetics Research. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a017921-a017921.	5.5	131
5	An Argonaute-Like Protein Is Required for Meiotic Silencing. <i>Genetics</i> , 2003, 164, 821-828.	2.9	120
6	<i>Asm-1</i> ⁺ , a <i>Neurospora crassa</i> Gene Related to Transcriptional Regulators of Fungal Development. <i>Genetics</i> , 1996, 144, 991-1003.	2.9	109
7	Translate to divide: Control of the cell cycle by protein synthesis. <i>Microbial Cell</i> , 2015, 2, 94-104.	3.2	88
8	Translational control of lipogenic enzymes in the cell cycle of synchronous, growing yeast cells. <i>EMBO Journal</i> , 2017, 36, 487-502.	7.8	59
9	A Cytosine Methyltransferase Homologue Is Essential for Sexual Development in <i>Aspergillus nidulans</i> . <i>PLoS ONE</i> , 2008, 3, e2531.	2.5	55
10	Control of seizures by ketogenic diet-induced modulation of metabolic pathways. <i>Amino Acids</i> , 2017, 49, 1-20.	2.7	50
11	Properties of Unpaired DNA Required For Efficient Silencing in <i>Neurospora crassa</i> . <i>Genetics</i> , 2004, 167, 131-150.	2.9	42
12	DNA Methylation Affects Meiotic trans-sensing, Not Meiotic Silencing, in <i>Neurospora</i> . <i>Genetics</i> , 2004, 168, 1925-1935.	2.9	29
13	Improving the efficiency of gene replacements in <i>Neurospora crassa</i> : a first step towards a large-scale functional genomics project. <i>Fungal Genetics and Biology</i> , 2002, 37, 56-71.	2.1	27
14	Synaptic vesicles contain small ribonucleic acids (sRNAs) including transfer RNA fragments (trfRNA) and microRNAs (miRNA). <i>Scientific Reports</i> , 2015, 5, 14918.	3.3	25
15	Translational control of one-carbon metabolism underpins ribosomal protein phenotypes in cell division and longevity. <i>ELife</i> , 2020, 9, .	6.0	24
16	QIP, a Component of the Vegetative RNA Silencing Pathway, Is Essential for Meiosis and Suppresses Meiotic Silencing in <i>Neurospora crassa</i> . <i>Genetics</i> , 2010, 186, 127-133.	2.9	21
17	Ribosome profiling the cell cycle: lessons and challenges. <i>Current Genetics</i> , 2017, 63, 959-964.	1.7	20
18	Rapid molecular evolution of <i>Spiroplasma</i> symbionts of <i>Drosophila</i> . <i>Microbial Genomics</i> , 2021, 7, .	2.0	15

#	ARTICLE	IF	CITATIONS
19	Unpaired genes do not silence their paired neighbors. <i>Current Genetics</i> , 2003, 43, 425-432.	1.7	12
20	Construction of strains for rapid homokaryon purification after integration of constructs at the histidine-3 (his-3) locus of <i>Neurospora crassa</i> . <i>Current Genetics</i> , 2003, 43, 17-23.	1.7	9
21	Draft de novo transcriptome assembly and proteome characterization of the electric lobe of <i>Tetronarce californica</i> : a molecular tool for the study of cholinergic neurotransmission in the electric organ. <i>BMC Genomics</i> , 2017, 18, 611.	2.8	7
22	Effect of heritable symbionts on maternally-derived embryo transcripts. <i>Scientific Reports</i> , 2019, 9, 8847.	3.3	5
23	Meiotic trans-Sensing and Silencing in <i>Neurospora</i> . , 2014, , 132-144.		4
24	<i>De Novo</i> Assembly and Annotation of the Complete Genome Sequence of <i>Myxococcus xanthus</i> DZ2. <i>Microbiology Resource Announcements</i> , 2022, 11, e0107421.	0.6	3
25	Synaptic vesicles isolated from the electric organ of <i>Torpedo californica</i> and from the central nervous system of <i>Mus musculus</i> contain small ribonucleic acids (sRNAs). <i>Genomics Data</i> , 2017, 12, 52-53.	1.3	1