

Maria Olmedo

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,861
citations

623734

14
h-index

610901

24
g-index

31
all docs

31
docs citations

31
times ranked

2706
citing authors

#	ARTICLE	IF	CITATIONS
1	Peroxiredoxins are conserved markers of circadian rhythms. <i>Nature</i> , 2012, 485, 459-464.	27.8	752
2	Guidelines for Genome-Scale Analysis of Biological Rhythms. <i>Journal of Biological Rhythms</i> , 2017, 32, 380-393.	2.6	237
3	Expansion of Signal Transduction Pathways in Fungi by Extensive Genome Duplication. <i>Current Biology</i> , 2016, 26, 1577-1584.	3.9	175
4	Regulation of Conidiation by Light in <i>Aspergillus nidulans</i> . <i>Genetics</i> , 2011, 188, 809-822.	2.9	127
5	A complex photoreceptor system mediates the regulation by light of the conidiation genes con-10 and con-6 in <i>Neurospora crassa</i> . <i>Fungal Genetics and Biology</i> , 2010, 47, 352-363.	2.1	75
6	New findings of <i>Neurospora</i> in Europe and comparisons of diversity in temperate climates on continental scales. <i>Mycologia</i> , 2006, 98, 550-559.	1.9	64
7	Circadian regulation of olfaction and an evolutionarily conserved, nontranscriptional marker in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20479-20484.	7.1	54
8	A High-Throughput Method for the Analysis of Larval Developmental Phenotypes in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2015, 201, 443-448.	2.9	48
9	A Relationship between Carotenoid Accumulation and the Distribution of Species of the Fungus <i>Neurospora</i> in Spain. <i>PLoS ONE</i> , 2012, 7, e33658.	2.5	43
10	A Delicate Balance between Bacterial Iron and Reactive Oxygen Species Supports Optimal <i>C. elegans</i> Development. <i>Cell Host and Microbe</i> , 2019, 26, 400-411.e3.	11.0	43
11	Regulation by Blue Light of the <i>fluffy</i> Gene Encoding a Major Regulator of Conidiation in <i>Neurospora crassa</i> . <i>Genetics</i> , 2010, 184, 651-658.	2.9	41
12	A role in the regulation of transcription by light for RCO-1 and RCM-1, the <i>Neurospora</i> homologs of the yeast Tup1-Ssn6 repressor. <i>Fungal Genetics and Biology</i> , 2010, 47, 939-952.	2.1	30
13	An automated method for the analysis of food intake behaviour in <i>Caenorhabditis elegans</i> . <i>Scientific Reports</i> , 2018, 8, 3633.	3.3	29
14	Regulation of transcription by light in <i>Neurospora crassa</i> : A model for fungal photobiology?. <i>Fungal Biology Reviews</i> , 2013, 27, 10-18.	4.7	25
15	Purine Homeostasis Is Necessary for Developmental Timing, Germline Maintenance and Muscle Integrity in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2019, 211, 1297-1313.	2.9	19
16	Prolonged quiescence delays somatic stem cell-like divisions in <i>Caenorhabditis elegans</i> and is controlled by insulin signaling. <i>Aging Cell</i> , 2020, 19, e13085.	6.7	19
17	Combined flow cytometry and high-throughput image analysis for the study of essential genes in <i>Caenorhabditis elegans</i> . <i>BMC Biology</i> , 2018, 16, 36.	3.8	18
18	Deviations from temporal scaling support a stage-specific regulation for <i>C. elegans</i> postembryonic development. <i>BMC Biology</i> , 2022, 20, 94.	3.8	15

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19	Neuronal perception of the social environment generates an inherited memory that controls the development and generation time of <i>C.Âelegans</i> . <i>Current Biology</i> , 2021, 31, 4256-4268.e7.	3.9	11
20	Using Circadian Entrainment to Find Cryptic Clocks. <i>Methods in Enzymology</i> , 2015, 551, 73-93.	1.0	8
21	Social Chemical Communication Determines Recovery From L1 Arrest via DAF-16 Activation. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 588686.	3.7	6
22	Glucose sensing and light regulation: A mutation in the glucose sensor RCO-3 modifies photoadaptation in <i>Neurospora crassa</i> . <i>Fungal Biology</i> , 2018, 122, 497-504.	2.5	5
23	Nutritional control of postembryonic development progression and arrest in <i>Caenorhabditis elegans</i> . <i>Advances in Genetics</i> , 2021, 107, 33-87.	1.8	5
24	Aging during <i>C. elegans</i> L1 quiescence. <i>Aging</i> , 2020, 12, 17756-17758.	3.1	0