Maria Olmedo

List of Publications by Year
in descending order

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	Deviations from temporal scaling support a stage-specific regulation for C. elegans postembryonic development. BMC Biology, 2022, 20, 94.	3.8	15
2	Nutritional control of postembryonic development progression and arrest in Caenorhabditis elegans. Advances in Genetics, 2021, 107, 33-87.	1.8	5
3	Neuronal perception of the social environment generates an inherited memory that controls the development and generation time of C.Âelegans. Current Biology, 2021, 31, 4256-4268.e7.	3.9	11
4	Prolonged quiescence delays somatic stem cellâ€like divisions in Caenorhabditis elegans and is controlled by insulin signaling. Aging Cell, 2020, 19, e13085.	6.7	19
5	Social Chemical Communication Determines Recovery From L1 Arrest via DAF-16 Activation. Frontiers in Cell and Developmental Biology, 2020, 8, 588686.	3.7	6
6	Aging during C. elegans L1 quiescence. Aging, 2020, 12, 17756-17758.	3.1	0
7	A Delicate Balance between Bacterial Iron and Reactive Oxygen Species Supports Optimal C.Âelegans Development. Cell Host and Microbe, 2019, 26, 400-411.e3.	11.0	43
8	Purine Homeostasis Is Necessary for Developmental Timing, Germline Maintenance and Muscle Integrity in Caenorhabditis elegans. Genetics, 2019, 211, 1297-1313.	2.9	19
9	An automated method for the analysis of food intake behaviour in Caenorhabditis elegans. Scientific Reports, 2018, 8, 3633.	3.3	29
10	Combined flow cytometry and high-throughput image analysis for the study of essential genes in Caenorhabditis elegans. BMC Biology, 2018, 16, 36.	3.8	18
11	Glucose sensing and light regulation: A mutation in the glucose sensor RCO-3 modifies photoadaptation in Neurospora crassa. Fungal Biology, 2018, 122, 497-504.	2.5	5
12	Guidelines for Genome-Scale Analysis of Biological Rhythms. Journal of Biological Rhythms, 2017, 32, 380-393.	2.6	237
13	Expansion of Signal Transduction Pathways in Fungi by Extensive Genome Duplication. Current Biology, 2016, 26, 1577-1584.	3.9	175
14	A High-Throughput Method for the Analysis of Larval Developmental Phenotypes in Caenorhabditis elegans. Genetics, 2015, 201, 443-448.	2.9	48
15	Using Circadian Entrainment to Find Cryptic Clocks. Methods in Enzymology, 2015, 551, 73-93.	1.0	8
16	Regulation of transcription by light in Neurospora crassa: AÂmodel for fungal photobiology?. Fungal Biology Reviews, 2013, 27, 10-18.	4.7	25
17	Circadian regulation of olfaction and an evolutionarily conserved, nontranscriptional marker in Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20479-20484.	7.1	54
18	A Relationship between Carotenoid Accumulation and the Distribution of Species of the Fungus Neurospora in Spain. PLoS ONE, 2012, 7, e33658.	2.5	43

#	Article	IF	Citations
19	Peroxiredoxins are conserved markers of circadian rhythms. Nature, 2012, 485, 459-464.	27.8	752
20	Regulation of Conidiation by Light in Aspergillus nidulans. Genetics, 2011, 188, 809-822.	2.9	127
21	Regulation by Blue Light of the fluffy Gene Encoding a Major Regulator of Conidiation in Neurospora crassa. Genetics, 2010, 184, 651-658.	2.9	41
22	A complex photoreceptor system mediates the regulation by light of the conidiation genes con-10 and con-6 in Neurospora crassa. Fungal Genetics and Biology, 2010, 47, 352-363.	2.1	75
23	A role in the regulation of transcription by light for RCO-1 and RCM-1, the Neurospora homologs of the yeast Tup1â€“Ssn6 repressor. Fungal Genetics and Biology, 2010, 47, 939-952.	2.1	30
24	New findings of Neurospora in Europe and comparisons of diversity in temperate climates on continental scales. Mycologia, 2006, 98, 550-559.	1.9	64