

Andre Pires da Silva

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,262
citations

430874

18
h-index

395702

33
g-index

44
all docs

44
docs citations

44
times ranked

3269
citing authors

#	ARTICLE	IF	CITATIONS
1	The genome of <i>Tetranychus urticae</i> reveals herbivorous pest adaptations. <i>Nature</i> , 2011, 479, 487-492.	27.8	897
2	The evolution of signalling pathways in animal development. <i>Nature Reviews Genetics</i> , 2003, 4, 39-49.	16.3	417
3	Deficiency in ubiquitin ligase TRIM2 causes accumulation of neurofilament light chain and neurodegeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12016-12021.	7.1	117
4	Conservation of the global sex determination gene <i>tra-1</i> in distantly related nematodes. <i>Genes and Development</i> , 2004, 18, 1198-1208.	5.9	76
5	Mice Deficient for Spermatid Perinuclear RNA-Binding Protein Show Neurologic, Spermatogenic, and Sperm Morphological Abnormalities. <i>Developmental Biology</i> , 2001, 233, 319-328.	2.0	56
6	A Bacterial Artificial Chromosome-Based Genetic Linkage Map of the Nematode <i>Pristionchus pacificus</i> . <i>Genetics</i> , 2002, 162, 129-134.	2.9	53
7	Asymmetric spermatocyte division as a mechanism for controlling sex ratios. <i>Nature Communications</i> , 2011, 2, 157.	12.8	52
8	Description of two three-gendered nematode species in the new genus <i>Auanema</i> (Rhabditina) that are models for reproductive mode evolution. <i>Scientific Reports</i> , 2017, 7, 11135.	3.3	52
9	Regulation of Sexual Plasticity in a Nematode that Produces Males, Females, and Hermaphrodites. <i>Current Biology</i> , 2011, 21, 1548-1551.	3.9	49
10	Evolution of the control of sexual identity in nematodes. <i>Seminars in Cell and Developmental Biology</i> , 2007, 18, 362-370.	5.0	48
11	Liposome-based transfection enhances RNAi and CRISPR-mediated mutagenesis in non-model nematode systems. <i>Scientific Reports</i> , 2019, 9, 483.	3.3	47
12	Microevolutionary analysis of the nematode genus <i>Pristionchus</i> suggests a recent evolution of redundant developmental mechanisms during vulva formation. <i>Evolution & Development</i> , 2001, 3, 229-240.	2.0	45
13	Mating dynamics in a nematode with three sexes and its evolutionary implications. <i>Scientific Reports</i> , 2015, 5, 17676.	3.3	43
14	Chromosome-Wide Evolution and Sex Determination in the Three-Sexed Nematode <i>Auanema rhodensis</i> . <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 1211-1230.	1.8	39
15	Cytoskeletal variations in an asymmetric cell division support diversity in nematode sperm size and sex ratios. <i>Development (Cambridge)</i> , 2017, 144, 3253-3263.	2.5	31
16	Body Size Evolution in Insular Speckled Rattlesnakes (Viperidae: <i>Crotalus mitchellii</i>). <i>PLoS ONE</i> , 2010, 5, e9524.	2.5	26
17	Newly Identified Nematodes from Mono Lake Exhibit Extreme Arsenic Resistance. <i>Current Biology</i> , 2019, 29, 3339-3344.e4.	3.9	23
18	An Introduction to Worm Lab: from Culturing Worms to Mutagenesis. <i>Journal of Visualized Experiments</i> , 2011, , .	0.3	22

#	ARTICLE	IF	CITATIONS
19	Sex- and Gamete-Specific Patterns of X Chromosome Segregation in a Trioecious Nematode. <i>Current Biology</i> , 2018, 28, 93-99.e3.	3.9	22
20	Natural variation of outcrossing in the hermaphroditic nematode <i>Pristionchus pacificus</i> . <i>BMC Evolutionary Biology</i> , 2009, 9, 75.	3.2	20
21	<i>Pristionchus pacificus</i> genetic protocols. <i>WormBook</i> , 2006, , 1-8.	5.3	20
22	<i>Pristionchus pacificus</i> protocols. <i>WormBook</i> , 2013, , 1-20.	5.3	18
23	Phenotypic plasticity and developmental innovations in nematodes. <i>Current Opinion in Genetics and Development</i> , 2016, 39, 8-13.	3.3	11
24	Toward genetic modification of plant-parasitic nematodes: delivery of macromolecules to adults and expression of exogenous mRNA in second stage juveniles. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	9
25	Parental energy-sensing pathways control intergenerational offspring sex determination in the nematode <i>Auanema freiburgensis</i> . <i>BMC Biology</i> , 2021, 19, 102.	3.8	9
26	Evolutionary morphology of the rattlesnake style. <i>BMC Evolutionary Biology</i> , 2009, 9, 35.	3.2	8
27	Sex-specific lifespan and its evolution in nematodes. <i>Seminars in Cell and Developmental Biology</i> , 2017, 70, 122-129.	5.0	7
28	Finally, Worm Polycomb-like Genes Meet Hox Regulation. <i>Developmental Cell</i> , 2003, 4, 770-772.	7.0	6
29	<i>Pristionchus pacificus</i> : a satellite organism in evolutionary developmental biology. <i>Nematology</i> , 2000, 2, 81-88.	0.6	4
30	Puma (<i>Puma concolor</i>) predation on a water buffalo (<i>Bubalus bubalis</i>). <i>Mammalia</i> , 2010, 74, 431-432.	0.7	3
31	Sexual morph specialisation in a trioecious nematode balances opposing selective forces. <i>Scientific Reports</i> , 2022, 12, 6402.	3.3	3
32	Evo-Devo of the Germline and Somatic Gonad in Nematodes. <i>Sexual Development</i> , 2013, 7, 163-170.	2.0	1
33	Comparative Reproductive Biology in Nematodes. , 2018, , 508-512.		1
34	Regulation of Sexual Plasticity in a Nematode that Produces Males, Females, and Hermaphrodites. <i>Current Biology</i> , 2011, 21, 1949.	3.9	0