# Andre Pires da Silva

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Sexual morph specialisation in a trioecious nematode balances opposing selective forces. Scientific Reports, 2022, 12, 6402. | 3.3 | 3 |
| 2 | Toward genetic modification of plant-parasitic nematodes: delivery of macromolecules to adults and expression of exogenous mRNA in second stage juveniles. G3: Genes, Genomes, Genetics, 2021, 11, . | 1.8 | 9 |
| 3 | Parental energy-sensing pathways control intergenerational offspring sex determination in the nematode Auanema freiburgensis. BMC Biology, 2021, 19, 102. | 3.8 | 9 |
| 4 | Newly Identified Nematodes from Mono Lake Exhibit Extreme Arsenic Resistance. Current Biology, 2019, 29, 3339-3344.e4. | 3.9 | 23 |
| 5 | Liposome-based transfection enhances RNAi and CRISPR-mediated mutagenesis in non-model nematode systems. Scientific Reports, 2019, 9, 483. | 3.3 | 47 |
| 6 | Chromosome-Wide Evolution and Sex Determination in the Three-Sexed Nematode Auanema rhodensis. G3: Genes, Genomes, Genetics, 2019, 9, 1211-1230. | 1.8 | 39 |
| 7 | Sex- and Gamete-Specific Patterns of X Chromosome Segregation in a Trioecious Nematode. Current Biology, 2018, 28, 93-99.e3. | 3.9 | 22 |
| 8 | Comparative Reproductive Biology in Nematodes. , 2018, , 508-512. | | 1 |
| 9 | Sex-specific lifespan and its evolution in nematodes. Seminars in Cell and Developmental Biology, 2017, 70, 122-129. | 5.0 | 7 |
| 10 | Cytoskeletal variations in an asymmetric cell division support diversity in nematode sperm size and sex ratios. Development (Cambridge), 2017, 144, 3253-3263. | 2.5 | 31 |
| 11 | Description of two three-gendered nematode species in the new genus Auanema (Rhabditina) that are models for reproductive mode evolution. Scientific Reports, 2017, 7, 11135. | 3.3 | 52 |
| 12 | Phenotypic plasticity and developmental innovations in nematodes. Current Opinion in Genetics and Development, 2016, 39, 8-13. | 3.3 | 11 |
| 13 | Mating dynamics in a nematode with three sexes and its evolutionary implications. Scientific Reports, 2015, 5, 17676. | 3.3 | 43 |
| 14 | Evo-Devo of the Germline and Somatic Gonad in Nematodes. Sexual Development, 2013, 7, 163-170. | 2.0 | 1 |
| 15 | Pristionchus pacificus protocols. WormBook, 2013, , 1-20. | 5.3 | 18 |
| 16 | Asymmetric spermatocyte division as a mechanism for controlling sex ratios. Nature Communications, 2011, 2, 157. | 12.8 | 52 |
| 17 | The genome of Tetranychus urticae reveals herbivorous pest adaptations. Nature, 2011, 479, 487-492. | 27.8 | 897 |
| 18 | An Introduction to Worm Lab: from Culturing Worms to Mutagenesis. Journal of Visualized Experiments, 2011, , . | 0.3 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Regulation of Sexual Plasticity in a Nematode that Produces Males, Females, and Hermaphrodites. Current Biology, 2011, 21, 1548-1551. | 3.9 | 49 |
| 20 | Regulation of Sexual Plasticity in a Nematode that Produces Males, Females, and Hermaphrodites. Current Biology, 2011, 21, 1949. | 3.9 | 0 |
| 21 | Body Size Evolution in Insular Speckled Rattlesnakes (Viperidae: Crotalus mitchellii). PLoS ONE, 2010, 5, e9524. | 2.5 | 26 |
| 22 | Puma (Puma concolor) predation on a water buffalo (Bubalus bubalis). Mammalia, 2010, 74, 431-432. | 0.7 | 3 |
| 23 | Evolutionary morphology of the rattlesnake style. BMC Evolutionary Biology, 2009, 9, 35. | 3.2 | 8 |
| 24 | Natural variation of outcrossing in the hermaphroditic nematode Pristionchus pacificus. BMC Evolutionary Biology, 2009, 9, 75. | 3.2 | 20 |
| 25 | Deficiency in ubiquitin ligase TRIM2 causes accumulation of neurofilament light chain and neurodegeneration. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12016-12021. | 7.1 | 117 |
| 26 | Evolution of the control of sexual identity in nematodes. Seminars in Cell and Developmental Biology, 2007, 18, 362-370. | 5.0 | 48 |
| 27 | Pristionchus pacificus genetic protocols. WormBook, 2006, , 1-8. | 5.3 | 20 |
| 28 | Conservation of the global sex determination gene tra-1 in distantly related nematodes. Genes and Development, 2004, 18, 1198-1208. | 5.9 | 76 |
| 29 | The evolution of signalling pathways in animal development. Nature Reviews Genetics, 2003, 4, 39-49. | 16.3 | 417 |
| 30 | Finally, Worm Polycomb-like Genes Meet Hox Regulation. Developmental Cell, 2003, 4, 770-772. | 7.0 | 6 |
| 31 | A Bacterial Artificial Chromosome-Based Genetic Linkage Map of the Nematode Pristionchus pacificus. Genetics, 2002, 162, 129-134. | 2.9 | 53 |
| 32 | Mice Deficient for Spermatid Perinuclear RNA-Binding Protein Show Neurologic, Spermatogenic, and Sperm Morphological Abnormalities. Developmental Biology, 2001, 233, 319-328. | 2.0 | 56 |
| 33 | Microevolutionary analysis of the nematode genus Pristionchus suggests a recent evolution of redundant developmental mechanisms during vulva formation. Evolution & Development, 2001, 3, 229-240. | 2.0 | 45 |
| 34 | Pristionchus pacificus: a satellite organism in evolutionary developmental biology. Nematology, 2000, 2, 81-88. | 0.6 | 4 |