Maykon Passos Cristiano

List of Publications by Year
in descending order

42 papers	517 citations	687363 13 h-index	752698 20 g-index
44 all docs	44 docs citations	44 times ranked	450 citing authors

#	Article	IF	Citations
1	Cytogenetic and Molecular Analyses Reveal a Divergence between Acromyrmex striatus (Roger, 1863) and Other Congeneric Species: Taxonomic Implications. PLoS ONE, 2013, 8, e59784.	2.5	51
2	The Role of Fusion in Ant Chromosome Evolution: Insights from Cytogenetic Analysis Using a Molecular Phylogenetic Approach in the Genus Mycetophylax. PLoS ONE, 2014, 9, e87473.	2.5	33
3	<i>Amoimyrmex</i> Cristiano, Cardoso & Sandoval, gen. nov. (Hymenoptera: Formicidae): a new genus of leafâ€cutting ants revealed by multilocus molecular phylogenetic and morphological analyses. Austral Entomology, 2020, 59, 643-676.	1.4	33
4	Chromosomal dynamics in space and time: evolutionary history of Mycetophylax ants across past climatic changes in the Brazilian Atlantic coast. Scientific Reports, 2019, 9, 18800.	3.3	25
5	Reconstruction of ancestral genome size in Pitcairnioideae (Bromeliaceae): what can genome size tell us about the evolutionary history of its five genera?. Botanical Journal of the Linnean Society, 2018, 186, 321-333.	1.6	23
6	Molecular phylogenetic reconstruction and localization of the (TTAGG)n telomeric repeats in the chromosomes of Acromyrmex striatus (Roger, 1863) suggests a lower ancestral karyotype for leafcutter ants (Hymenoptera). Comparative Cytogenetics, 2018, 12, 13-26.	0.8	23
7	Phylogeography of the sand dune ant Mycetophylax simplex along the Brazilian Atlantic Forest coast: remarkably low mtDNA diversity and shallow population structure. BMC Evolutionary Biology, 2015, 15, 106.	3.2	22
8	Nuclear mitochondrial DNA: an Achillesâ€™ heel of molecular systematics, phylogenetics, and phylogeographic studies of stingless bees. Apidologie, 2012, 43, 527-538.	2.0	19
9	Population-Based Cytogenetic Banding Analysis and Phylogenetic Relationships of the Neotropical Fungus-Farming Ant <i>Trachymyrmex holmgreni</i> Wheeler, 1925. Cytogenetic and Genome Research, 2019, 159, 151-161.	1.1	19
10	Methodological remarks on rearing basal Attini ants in the laboratory for biological and evolutionary studies: overview of the genus Mycetophylax. Insectes Sociaux, 2011, 58, 427-430.	1.2	18
11	Chromosomal variation among populations of a fungus-farming ant: implications for karyotype evolution and potential restriction to gene flow. BMC Evolutionary Biology, 2018, 18, 146.	3.2	18
12	Does Trichomes on the Plant Epidermic Surface Disturb Ants Locomotion?. American Journal of Agricultural and Biological Science, 2009, 4, 1-6.	0.4	17
13	Integrating Paleodistribution Models and Phylogeography in the Grass-Cutting Ant Acromyrmex striatus (Hymenoptera: Formicidae) in Southern Lowlands of South America. PLoS ONE, 2016, 11, e0146734.	2.5	17
14	First cytogenetic characterization of a species of the arboreal ant genus Azteca Forel, 1978 (Dolichoderinae, Formicidae). Comparative Cytogenetics, 2012, 6, 107-114.	0.8	13
15	Could pseudogenes be widespread in ants? Evidence of numts in the leafcutter ant Acromyrmex striatus (Roger, 1863) (Formicidae: Attini). Comptes Rendus - Biologies, 2014, 337, 78-85.	0.2	12
16	A nuclear DNA based phylogeny of endemic sand dune ants of the genus Mycetophylax (Emery, 1913): How morphology is reflected in molecular data. Molecular Phylogenetics and Evolution, 2014, 70, 378-382.	2.7	11
17	Reassessing the Chromosome Number and Morphology of the Turtle Ant Cephalotes pusillus (Klug,) Tj ETQq1 1 0.784314 rgBT /Overl 114.	2.2	11
18	Intraspecific variation in the karyotype length and genome size of fungus-farming ants (genus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 flow cytometry. PLoS ONE, 2020, 15, e0237157.	2.5	11

#	Article	IF	Citations
19	Karyotype and putative chromosomal inversion suggested by integration of cytogenetic and molecular data of the fungus-farming ant Mycetomoellerius iheringi Emery, 1888. Comparative Cytogenetics, 2020, 14, 197-210.	0.8	11
20	Cytogenetics of Melitoma segmentaria (Fabricius, 1804) (Hymenoptera, Apidae) reveals differences in the characteristics of heterochromatin in bees. Comparative Cytogenetics, 2014, 8, 223-231.	0.8	10
21	Daily Dynamics of an Ant Community in a Mountaintop Ecosystem. Environmental Entomology, 2020, 49, 383-390.	1.4	10
22	Estimation of nuclear genome size of the genus Mycetophylax Emery, 1913: Evidence of no whole-genome duplication in Neoattini. Comptes Rendus - Biologies, 2012, 335, 619-624.	0.2	9
23	Comparative FISH-mapping of TTAGG telomeric sequences to the chromosomes of leafcutter ants (Formicidae, Myrmicinae): is the insect canonical sequence conserved?. Comparative Cytogenetics, 2020, 14, 369-385.	0.8	9
24	Antinociceptive effect of a ruthenium complex in mice. Autonomic and Autacoid Pharmacology, 2008, 28, 103-108.	0.5	8
25	Contextual analysis and epidemiology of spider bite in southern Santa Catarina State, Brazil. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2009, 103, 943-948.	1.8	8
26	The Bee Chromosome database (Hymenoptera: Apidae). Apidologie, 2021, 52, 493-502.	2.0	8
27	Pharmacological Activity of Ruthenium Complexes trans-[RuCl2(L)4] (LÂ=ÂNicotinic or i-Nicotinic acid) on Anxiety and Memory in Rats. Neurochemical Research, 2006, 31, 1457-1462.	3.3	6
28	Epidemiology and injuries (1994â€"2005) resulting from poisonous animals in southern Santa Catarina State, Brazil. Zeitschrift Fur Gesundheitswissenschaften, 2007, 15, 467-472.	1.6	6
29	Karyotype structure and cytogenetic markers of <i>Amoimyrmex bruchi</i> and <i>Amoimyrmex silvestrii</i>: contribution to understanding leaf-cutting ant relationships. Genome, 2022, 65, 43-51.	2.0	6
30	Modulation of creatine kinase activity by ruthenium complexes. Journal of Inorganic Biochemistry, 2007, 101, 267-273.	3.5	5
31	Honeybees and caterpillars: epidemiology of accidents involving these animals in the CriciÃºma region, southern Santa Catarina State, Brazil. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2008, 14, .	1.4	5
32	Nesting and distribution of Trachymyrmex holmgreni in Brazilian restinga. Insectes Sociaux, 2019, 66, 139-151.	1.2	5
33	Effect of ruthenium complexes on the activities of succinate dehydrogenase and cytochrome oxidase. Chemico-Biological Interactions, 2007, 170, 59-66.	4.0	4
34	Agro-predation by Megalomyrmex ants on Mycetophylax fungus-growing ants. Insectes Sociaux, 2016, 63, 483-486.	1.2	4
35	Cytogenetic data on the agro-predatory ant Megalomyrmex incisus Smith, 1947 and its host, Mycetophylax conformis (Mayr, 1884) (Hymenoptera, Formicidae). Comparative Cytogenetics, 2017, 11, 45-53.	0.8	4
36	The tight genome size of ants: diversity and evolution under ancestral state reconstruction and base composition. Zoological Journal of the Linnean Society, 2021, 193, 124-144.	2.3	4

#	Article	IF	Citations
37	Karyotype Diversity, Mode, and Tempo of the Chromosomal Evolution of Attina (Formicidae:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	2.2	4
38	Geographical Distribution Patterns and Niche Modeling of the Iconic Leafcutter Ant Acromyrmex striatus (Hymenoptera: Formicidae). Journal of Insect Science, 2017, 17, .	1.5	3
39	Could soil granulometry and permeability drive the occurrence of the dune-dwelling ants from the genus Mycetophylax?. Insectes Sociaux, 2021, 68, 181-189.	1.2	3
40	Phylogenetic Reconstruction of the Ancestral Chromosome Number of the Genera Anochetus Mayr, 1861 and Odontomachus Latreille, 1804 (Hymenoptera: Formicidae: Ponerinae). Frontiers in Ecology and Evolution, 2022, 10, .	2.2	3
41	Development of New Didactic Materials for Teaching Science and Biology: The Importance of the New Education Practices. OnLine Journal of Biological Sciences, 2009, 9, 1-5.	0.4	2
42	Dynamic development of <scp>AT</scp>â€rich heterochromatin has followed diversification and genome expansion of psammophilous <i>Mycetophylax</i> (Formicidae: Attini: Attina). Insect Molecular Biology, 2022, 31, 297-307.	2.0	0