

Antonio Bernardo Carvalho

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

4,971
citations

236925

25
h-index

315739

38
g-index

41
all docs

41
docs citations

41
times ranked

5635
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of the sex chromosome system in a sand fly species, <i>Lutzomyia longipalpis</i> s.l. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	0
2	New Genes in the <i>Drosophila</i> Y Chromosome: Lessons from <i>D. willistoni</i> . Genes, 2021, 12, 1815.	2.4	3
3	A phylogenomic study of Steganinae fruit flies (Diptera: Drosophilidae): strong gene tree heterogeneity and evidence for monophyly. BMC Evolutionary Biology, 2020, 20, 141.	3.2	4
4	An Improved Genome Assembly for <i>Drosophila navojoa</i> , the Basal Species in the <i>mojavensis</i> Cluster. Journal of Heredity, 2019, 110, 118-123.	2.4	7
5	Two new species of <i>Drosophila</i> (Diptera, Drosophilidae) associated with inflorescences of <i>Goeppertia monophylla</i> (Marantaceae) in the city of São Paulo, state of São Paulo, Brazil. Revista Brasileira De Entomologia, 2018, 62, 159-168.	0.4	8
6	An investigation of Y chromosome incorporations in 400 species of <i>Drosophila</i> and related genera. PLoS Genetics, 2018, 14, e1007770.	3.5	20
7	Cryptic diversity in an Atlantic Forest malaria vector from the mountains of South-East Brazil. Parasites and Vectors, 2018, 11, 36.	2.5	17
8	Improved assembly of noisy long reads by <i>k</i> -mer validation. Genome Research, 2016, 26, 1710-1720.	5.5	39
9	First report of Y-linked genes in the kissing bug <i>Rhodnius prolixus</i> . BMC Genomics, 2016, 17, 100.	2.8	14
10	Long-Read Single Molecule Sequencing to Resolve Tandem Gene Copies: The <i>Mst77Y</i> Region on the <i>Drosophila melanogaster</i> Y Chromosome. G3: Genes, Genomes, Genetics, 2015, 5, 1145-1150.	1.8	40
11	Genome of <i>Rhodnius prolixus</i> , an insect vector of Chagas disease, reveals unique adaptations to hematophagy and parasite infection. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14936-14941.	7.1	329
12	The Release 6 reference sequence of the <i>Drosophila melanogaster</i> genome. Genome Research, 2015, 25, 445-458.	5.5	359
13	Birth of a new gene on the Y chromosome of <i>Drosophila melanogaster</i> . Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12450-12455.	7.1	61
14	Developmental Sites of Neotropical Drosophilidae (Diptera): V. Inflorescences of <i>Calathea cylindrica</i> and <i>Calathea monophylla</i> (Zingiberales: Marantaceae). Annals of the Entomological Society of America, 2014, 107, 607-620.	2.5	10
15	Positive and Purifying Selection on the <i>Drosophila</i> Y Chromosome. Molecular Biology and Evolution, 2014, 31, 2612-2623.	8.9	34
16	Efficient identification of Y chromosome sequences in the human and <i>Drosophila</i> genomes. Genome Research, 2013, 23, 1894-1907.	5.5	98
17	Functional Copies of the <i>Mst77F</i> Gene on the Y Chromosome of <i>Drosophila melanogaster</i> . Genetics, 2010, 184, 295-307.	2.9	38
18	Origin and evolution of Y chromosomes: <i>Drosophila</i> tales. Trends in Genetics, 2009, 25, 270-277.	6.7	118

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19	Low conservation of gene content in the <i>Drosophila</i> Y chromosome. <i>Nature</i> , 2008, 456, 949-951.	27.8	150
20	Two New Y-Linked Genes in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2008, 179, 2325-2327.	2.9	52
21	Evolution of genes and genomes on the <i>Drosophila</i> phylogeny. <i>Nature</i> , 2007, 450, 203-218.	27.8	1,886
22	Y Chromosome of <i>D. pseudoobscura</i> Is Not Homologous to the Ancestral <i>Drosophila</i> Y. <i>Science</i> , 2005, 307, 108-110.	12.6	149
23	Evolution of Autosomal Suppression of the Sex-Ratio Trait in <i>Drosophila</i> . <i>Genetics</i> , 2004, 166, 265-277.	2.9	22
24	Y chromosome and other heterochromatic sequences of the <i>Drosophila melanogaster</i> genome: how far can we go?. <i>Genetica</i> , 2003, 117, 227-237.	1.1	43
25	The advantages of recombination. <i>Nature Genetics</i> , 2003, 34, 128-129.	21.4	19
26	Heterochromatic sequences in a <i>Drosophila</i> whole-genome shotgun assembly. <i>Genome Biology</i> , 2002, 3, research0085.1.	9.6	232
27	Origin and evolution of the <i>Drosophila</i> Y chromosome. <i>Current Opinion in Genetics and Development</i> , 2002, 12, 664-668.	3.3	136
28	Local Rates of Recombination Are Positively Correlated with GC Content in the Human Genome. <i>Molecular Biology and Evolution</i> , 2001, 18, 1139-1142.	8.9	277
29	Identification of five new genes on the Y chromosome of <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 13225-13230.	7.1	176
30	Y chromosomal fertility factors <i>kl-2</i> and <i>kl-3</i> of <i>Drosophila melanogaster</i> encode dynein heavy chain polypeptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 13239-13244.	7.1	159
31	Intron size and natural selection. <i>Nature</i> , 1999, 401, 344-344.	27.8	128
32	Are <i>Drosophila</i> SR drive chromosomes always balanced?. <i>Heredity</i> , 1999, 83, 221-228.	2.6	67
33	An Experimental Demonstration of Fisher's Principle: Evolution of Sexual Proportion by Natural Selection. <i>Genetics</i> , 1998, 148, 719-731.	2.9	66
34	Heritability of sexual proportion in experimental sex-ratio populations of <i>Drosophila mediopunctata</i> . <i>Heredity</i> , 1997, 79, 104-112.	2.6	28
35	Heritability of sexual proportion in experimental sex-ratio populations of <i>Drosophila mediopunctata</i> . <i>Heredity</i> , 1997, 79, 104-112.	2.6	6
36	Polymorphism for Y-Linked Suppressors of sex-ratio in Two Natural Populations of <i>Drosophila mediopunctata</i> . <i>Genetics</i> , 1997, 146, 891-902.	2.9	76

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37	Autosomal suppressors of sex-ratio in <i>Drosophila mediopunctata</i> . <i>Heredity</i> , 1993, 71, 546-551.	2.6	48
38	Age and sex-ratio expression in <i>Drosophila mediopunctata</i> . <i>Genetica</i> , 1992, 87, 107-111.	1.1	16
39	Sex-ratio in <i>Drosophila mediopunctata</i> . <i>Heredity</i> , 1989, 62, 425-428.	2.6	36