

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	Evolution of genes and genomes on the <i>Drosophila</i> phylogeny. <i>Nature</i> , 2007, 450, 203-218.	27.8	1,886
2	The Release 6 reference sequence of the <i>Drosophila melanogaster</i> genome. <i>Genome Research</i> , 2015, 25, 445-458.	5.5	359
3	Genome of <i>Rhodnius prolixus</i> , an insect vector of Chagas disease, reveals unique adaptations to hematophagy and parasite infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14936-14941.	7.1	329
4	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
5	Heterochromatic sequences in a <i>Drosophila</i> whole-genome shotgun assembly. <i>Genome Biology</i> , 2002, 3, research0085.1.	9.6	232
6	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
7	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
8	Low conservation of gene content in the <i>Drosophila</i> Y chromosome. <i>Nature</i> , 2008, 456, 949-951.	27.8	150
9	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
10	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
11	Intron size and natural selection. <i>Nature</i> , 1999, 401, 344-344.	27.8	128
12	Origin and evolution of Y chromosomes: <i>Drosophila</i> tales. <i>Trends in Genetics</i> , 2009, 25, 270-277.	6.7	118
13	Efficient identification of Y chromosome sequences in the human and <i>Drosophila</i> genomes. <i>Genome Research</i> , 2013, 23, 1894-1907.	5.5	98
14	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
15	Are <i>Drosophila</i> SR drive chromosomes always balanced?. <i>Heredity</i> , 1999, 83, 221-228.	2.6	67
16	An Experimental Demonstration of Fisher's Principle: Evolution of Sexual Proportion by Natural Selection. <i>Genetics</i> , 1998, 148, 719-731.	2.9	66
17	Birth of a new gene on the Y chromosome of <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12450-12455.	7.1	61
18	Two New Y-Linked Genes in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2008, 179, 2325-2327.	2.9	52

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19	Autosomal suppressors of sex-ratio in <i>Drosophila mediopunctata</i> . <i>Heredity</i> , 1993, 71, 546-551.	2.6	48
20	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
21	Long-Read Single Molecule Sequencing to Resolve Tandem Gene Copies: The <i>Mst77Y</i> Region on the <i>Drosophila melanogaster</i> Y Chromosome. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 1145-1150.	1.8	40
22	Improved assembly of noisy long reads by <i>k</i> -mer validation. <i>Genome Research</i> , 2016, 26, 1710-1720.	5.5	39
23	Functional Copies of the <i>Mst77F</i> Gene on the Y Chromosome of <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2010, 184, 295-307.	2.9	38
24	Sex-ratio in <i>Drosophila mediopunctata</i> . <i>Heredity</i> , 1989, 62, 425-428.	2.6	36
25	Positive and Purifying Selection on the <i>Drosophila</i> Y Chromosome. <i>Molecular Biology and Evolution</i> , 2014, 31, 2612-2623.	8.9	34
26	Heritability of sexual proportion in experimental sex-ratio populations of <i>Drosophila mediopunctata</i> . <i>Heredity</i> , 1997, 79, 104-112.	2.6	28
27	Evolution of Autosomal Suppression of the Sex-Ratio Trait in <i>Drosophila</i> . <i>Genetics</i> , 2004, 166, 265-277.	2.9	22
28	An investigation of Y chromosome incorporations in 400 species of <i>Drosophila</i> and related genera. <i>PLoS Genetics</i> , 2018, 14, e1007770.	3.5	20
29	The advantages of recombination. <i>Nature Genetics</i> , 2003, 34, 128-129.	21.4	19
30	Cryptic diversity in an Atlantic Forest malaria vector from the mountains of South-East Brazil. <i>Parasites and Vectors</i> , 2018, 11, 36.	2.5	17
31	Age and sex-ratio expression in <i>Drosophila mediopunctata</i> . <i>Genetica</i> , 1992, 87, 107-111.	1.1	16
32	First report of Y-linked genes in the kissing bug <i>Rhodnius prolixus</i> . <i>BMC Genomics</i> , 2016, 17, 100.	2.8	14
33	Developmental Sites of Neotropical <i>Drosophilidae</i> (Diptera): V. Inflorescences of <i>Calathea cylindrica</i> and <i>Calathea monophylla</i> (Zingiberales: Marantaceae). <i>Annals of the Entomological Society of America</i> , 2014, 107, 607-620.	2.5	10
34	Two new species of <i>Drosophila</i> (Diptera, <i>Drosophilidae</i>) associated with inflorescences of <i>Goepertia monophylla</i> (Marantaceae) in the city of São Paulo, state of São Paulo, Brazil. <i>Revista Brasileira De Entomologia</i> , 2018, 62, 159-168.	0.4	8
35	An Improved Genome Assembly for <i>Drosophila navojoa</i> , the Basal Species in the <i>mojavensis</i> Cluster. <i>Journal of Heredity</i> , 2019, 110, 118-123.	2.4	7
36	Heritability of sexual proportion in experimental sex-ratio populations of <i>Drosophila mediopunctata</i> . <i>Heredity</i> , 1997, 79, 104-112.	2.6	6

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37	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
38	New Genes in the Drosophila Y Chromosome: Lessons from D. willistoni. Genes, 2021, 12, 1815.	2.4	3
39	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