

# Antonio Bernardo Carvalho

## List of Publications by Year in Descending Order

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**Version:** 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36  
papers

3,864  
citations

23  
h-index

41  
g-index

41  
ext. papers

4,515  
ext. citations

10.5  
avg, IF

4.71  
L-index

#	Paper	IF	Citations
36	A phylogenomic study of Steganinae fruit flies (Diptera: Drosophilidae): strong gene tree heterogeneity and evidence for monophyly. <i>BMC Evolutionary Biology</i> , <b>2020</b> , 20, 141	3	2
35	An Improved Genome Assembly for <i>Drosophila navojoa</i> , the Basal Species in the <i>mojavensis</i> Cluster. <i>Journal of Heredity</i> , <b>2019</b> , 110, 118-123	2.4	3
34	Two new species of <i>Drosophila</i> (Diptera, Drosophilidae) associated with inflorescences of <i>Goepertia monophylla</i> (Marantaceae) in the city of S Paulo, state of S Paulo, Brazil. <i>Revista Brasileira De Entomologia</i> , <b>2018</b> , 62, 159-168	0.9	2
33	Cryptic diversity in an Atlantic Forest malaria vector from the mountains of South-East Brazil. <i>Parasites and Vectors</i> , <b>2018</b> , 11, 36	4	14
32	An investigation of Y chromosome incorporations in 400 species of <i>Drosophila</i> and related genera. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007770	6	5
31	First report of Y-linked genes in the kissing bug <i>Rhodnius prolixus</i> . <i>BMC Genomics</i> , <b>2016</b> , 17, 100	4.5	10
30	Improved assembly of noisy long reads by k-mer validation. <i>Genome Research</i> , <b>2016</b> , 26, 1710-1720	9.7	23
29	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> , <b>2015</b> , 112, 12450-5	11.5	44
28	Long-Read Single Molecule Sequencing to Resolve Tandem Gene Copies: The Mst77Y Region on the <i>Drosophila melanogaster</i> Y Chromosome. <i>G3: Genes, Genomes, Genetics</i> , <b>2015</b> , 5, 1145-50	3.2	29
27	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> , <b>2015</b> , 112, 14936-41	11.5	220
26	The Release 6 reference sequence of the <i>Drosophila melanogaster</i> genome. <i>Genome Research</i> , <b>2015</b> , 25, 445-58	9.7	222
25	Positive and purifying selection on the <i>Drosophila</i> Y chromosome. <i>Molecular Biology and Evolution</i> , <b>2014</b> , 31, 2612-23	8.3	20
24	Developmental Sites of Neotropical Drosophilidae (Diptera): V. Inflorescences of <i>Calathea Cylindrica</i> and <i>Calathea monophylla</i> (Zingiberales: Marantaceae). <i>Annals of the Entomological Society of America</i> , <b>2014</b> , 107, 607-620	2	4
23	Efficient identification of Y chromosome sequences in the human and <i>Drosophila</i> genomes. <i>Genome Research</i> , <b>2013</b> , 23, 1894-907	9.7	68
22	Functional copies of the Mst77F gene on the Y chromosome of <i>Drosophila melanogaster</i> . <i>Genetics</i> , <b>2010</b> , 184, 295-307	4	33
21	Origin and evolution of Y chromosomes: <i>Drosophila</i> tales. <i>Trends in Genetics</i> , <b>2009</b> , 25, 270-7	8.5	91
20	Low conservation of gene content in the <i>Drosophila</i> Y chromosome. <i>Nature</i> , <b>2008</b> , 456, 949-51	50.4	113

19	Two new Y-linked genes in <i>Drosophila melanogaster</i> . <i>Genetics</i> , <b>2008</b> , 179, 2325-7	4	45
18	Evolution of genes and genomes on the <i>Drosophila</i> phylogeny. <i>Nature</i> , <b>2007</b> , 450, 203-18	50.4	1586
17	Y chromosome of <i>D. pseudoobscura</i> is not homologous to the ancestral <i>Drosophila</i> Y. <i>Science</i> , <b>2005</b> , 307, 108-10	33.3	112
16	Evolution of autosomal suppression of the sex-ratio trait in <i>Drosophila</i> . <i>Genetics</i> , <b>2004</b> , 166, 265-77	4	17
15	Y chromosome and other heterochromatic sequences of the <i>Drosophila melanogaster</i> genome: how far can we go?. <i>Genetica</i> , <b>2003</b> , 117, 227-37	1.5	39
14	Heterochromatic sequences in a <i>Drosophila</i> whole-genome shotgun assembly. <i>Genome Biology</i> , <b>2002</b> , 3, RESEARCH0085	18.3	188
13	Origin and evolution of the <i>Drosophila</i> Y chromosome. <i>Current Opinion in Genetics and Development</i> , <b>2002</b> , 12, 664-8	4.9	105
12	Local rates of recombination are positively correlated with GC content in the human genome. <i>Molecular Biology and Evolution</i> , <b>2001</b> , 18, 1139-42	8.3	227
11	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> , <b>2001</b> , 98, 13225-30	11.5	142
10	Y chromosomal fertility factors kl-2 and kl-3 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> , <b>2000</b> , 97, 13239-44	11.5	119
9	Intron size and natural selection. <i>Nature</i> , <b>1999</b> , 401, 344	50.4	100
8	Are <i>Drosophila</i> SR drive chromosomes always balanced?. <i>Heredity</i> , <b>1999</b> , 83 ( Pt 3), 221-8	3.6	55
7	An experimental demonstration of Fisher's principle: evolution of sexual proportion by natural selection. <i>Genetics</i> , <b>1998</b> , 148, 719-31	4	51
6	Heritability of sexual proportion in experimental sex-ratio populations of <i>Drosophila mediopunctata</i> . <i>Heredity</i> , <b>1997</b> , 79, 104-112	3.6	14
5	Polymorphism for Y-linked suppressors of sex-ratio in two natural populations of <i>Drosophila mediopunctata</i> . <i>Genetics</i> , <b>1997</b> , 146, 891-902	4	60
4	Autosomal suppressors of sex-ratio in <i>Drosophila mediopunctata</i> . <i>Heredity</i> , <b>1993</b> , 71 ( Pt 5), 546-51	3.6	40
3	Age and sex-ratio expression in <i>Drosophila mediopunctata</i> . <i>Genetica</i> , <b>1992</b> , 87, 107-11	1.5	13
2	Sex-ratio in <i>Drosophila mediopunctata</i> . <i>Heredity</i> , <b>1989</b> , 62, 425-428	3.6	30

1	Heritability of sexual proportion in experimental sex-ratio populations of <i>Drosophila mediopunctata</i>	5
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