

Montserrat AguadÃ© i Porres

List of Publications by Year in descending order

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55
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5,840
citations

304602

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54
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56
all docs

56
docs citations

56
times ranked

6239
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of genes and genomes on the <i>Drosophila</i> phylogeny. <i>Nature</i> , 2007, 450, 203-218.	13.7	1,886
2	A Test of Neutral Molecular Evolution Based on Nucleotide Data. <i>Genetics</i> , 1987, 116, 153-159.	1.2	1,666
3	Genome sequences of the human body louse and its primary endosymbiont provide insights into the permanent parasitic lifestyle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12168-12173.	3.3	482
4	Polytene Chromosomal Maps of 11 <i>Drosophila</i> Species: The Order of Genomic Scaffolds Inferred From Genetic and Physical Maps. <i>Genetics</i> , 2008, 179, 1601-1655.	1.2	191
5	Positive Selection Drives the Evolution of the Acp29AB Accessory Gland Protein in <i>Drosophila</i> . <i>Genetics</i> , 1999, 152, 543-551.	1.2	128
6	Nucleotide Sequence Variation at Two Genes of the Phenylpropanoid Pathway, the FAH1 and F3H Genes, in <i>Arabidopsis thaliana</i> . <i>Molecular Biology and Evolution</i> , 2001, 18, 1-9.	3.5	118
7	DNA Variation at the <i>rp49</i> Gene Region of <i>Drosophila simulans</i> : Evolutionary Inferences From an Unusual Haplotype Structure. <i>Genetics</i> , 2001, 158, 1147-1155.	1.2	116
8	Nucleotide Variation at the <i>CHALCONE ISOMERASE</i> Locus in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2000, 155, 863-872.	1.2	107
9	Different Forces Drive the Evolution of the Acp26Aa and Acp26Ab Accessory Gland Genes in the <i>Drosophila melanogaster</i> Species Complex. <i>Genetics</i> , 1998, 150, 1079-1089.	1.2	101
10	Molecular Evolution of the Cecropin Multigene Family in <i>Drosophila</i> : Functional Genes vs. Pseudogenes. <i>Genetics</i> , 1998, 150, 157-171.	1.2	79
11	Network-level molecular evolutionary analysis of the insulin/TOR signal transduction pathway across 12 <i>Drosophila</i> genomes. <i>Genome Research</i> , 2009, 19, 234-242.	2.4	74
12	THE COLONIZATION OF <i>DROSOPHILA SUBOBSCURA</i> IN CHILE. II. CLINES IN THE CHROMOSOMAL ARRANGEMENTS. <i>Evolution; International Journal of Organic Evolution</i> , 1985, 39, 838-844.	1.1	64
13	Detecting the Footprint of Positive Selection in a European Population of <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2004, 167, 1759-1766.	1.2	57
14	Chromosomal Inversion Polymorphism Leads to Extensive Genetic Structure. <i>Genetics</i> , 2005, 169, 1573-1581.	1.2	55
15	Molecular Population Genetics of the <i>rp49</i> Gene Region in Different Chromosomal Inversions of <i>Drosophila subobscura</i> . <i>Genetics</i> , 1999, 151, 189-202.	1.2	54
16	Molecular and Chromosomal Phylogeny in the <i>Obscura</i> Group of <i>Drosophila</i> Inferred from Sequences of the <i>rp49</i> Gene Region. <i>Molecular Phylogenetics and Evolution</i> , 1998, 9, 33-41.	1.2	52
17	Differentiation of Muller's Chromosomal Elements D and E in the <i>Obscura</i> Group of <i>Drosophila</i> . <i>Genetics</i> , 1996, 144, 139-146.	1.2	50
18	P1 clones from <i>Drosophila melanogaster</i> as markers to study the chromosomal evolution of Muller's A element in two species of the <i>obscura</i> group of <i>Drosophila</i> . <i>Chromosoma</i> , 1995, 104, 129-136.	1.0	49

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19	Comparative Genomics of the Vertebrate Insulin/TOR Signal Transduction Pathway: A Network-Level Analysis of Selective Pressures. <i>Genome Biology and Evolution</i> , 2011, 3, 87-101.	1.1	40
20	CLINES OF CHROMOSOMAL ARRANGEMENTS OF <i>DROSOPHILA SUBOBSCURA</i> IN SOUTH AMERICA EVOLVE CLOSER TO OLD WORLD PATTERNS. <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 218-221.	1.1	32
21	Nucleotide and Copy-Number Polymorphism at the Odorant Receptor Genes Or22a and Or22b in <i>Drosophila melanogaster</i> . <i>Molecular Biology and Evolution</i> , 2009, 26, 61-70.	3.5	30
22	Characterization of the Breakpoints of a Polymorphic Inversion Complex Detects Strict and Broad Breakpoint Reuse at the Molecular Level. <i>Molecular Biology and Evolution</i> , 2014, 31, 2331-2341.	3.5	28
23	Multiple and diverse structural changes affect the breakpoint regions of polymorphic inversions across the <i>Drosophila</i> genus. <i>Scientific Reports</i> , 2016, 6, 36248.	1.6	25
24	The Relationship Between Allozyme and Chromosomal Polymorphism Inferred From Nucleotide Variation at the AcpH-1 Gene Region of <i>Drosophila subobscura</i> . <i>Genetics</i> , 1999, 153, 871-889.	1.2	23
25	The Colonization of <i>Drosophila subobscura</i> in Chile. II. Clines in the Chromosomal Arrangements. <i>Evolution; International Journal of Organic Evolution</i> , 1985, 39, 838.	1.1	21
26	STRUCTURE AND POPULATION GENETICS OF THE BREAKPOINTS OF A POLYMORPHIC INVERSION IN <i>DROSOPHILA SUBOBSCURA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 66-79.	1.1	20
27	Genome Scans of Variation and Adaptive Change: Extended Analysis of a Candidate Locus Close to the phantom Gene Region in <i>Drosophila melanogaster</i> . <i>Molecular Biology and Evolution</i> , 2007, 24, 1122-1129.	3.5	19
28	Nucleotide Polymorphism at the <i>Rp11215</i> Gene in <i>Drosophila subobscura</i> : Weak Selection on Synonymous Mutations. <i>Genetics</i> , 2000, 155, 1245-1252.	1.2	18
29	CHROMOSOMAL EVOLUTION OF ELEMENTS B AND C IN THE SOPHOPHORA SUBGENUS OF <i>DROSOPHILA</i> : EVOLUTIONARY RATE AND POLYMORPHISM. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 768-781.	1.1	17
30	Genetic Exchange versus Genetic Differentiation in a Medium-Sized Inversion of <i>Drosophila</i> : The A2/Ast Arrangements of <i>Drosophila subobscura</i> . <i>Molecular Biology and Evolution</i> , 2008, 25, 1534-1543.	3.5	17
31	Molecular Population Genetics of the Insulin/TOR Signal Transduction Pathway: A Network-Level Analysis in <i>Drosophila melanogaster</i> . <i>Molecular Biology and Evolution</i> , 2012, 29, 123-132.	3.5	17
32	The origin of chromosomal inversions as a source of segmental duplications in the Sophophora subgenus of <i>Drosophila</i> . <i>Scientific Reports</i> , 2016, 6, 30715.	1.6	17
33	High Incidence of Interchromosomal Transpositions in the Evolutionary History of a Subset of Or Genes in <i>Drosophila</i> . <i>Journal of Molecular Evolution</i> , 2008, 66, 325-332.	0.8	16
34	Chromosomal evolution of elements B and C in the Sophophora subgenus of <i>Drosophila</i> : evolutionary rate and polymorphism. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 768-81.	1.1	16
35	DNA Sequence Polymorphism and Divergence at the erect wing and suppressor of sable Loci of <i>Drosophila melanogaster</i> and <i>D. simulans</i> . <i>Genetics</i> , 2005, 170, 1153-1165.	1.2	14
36	The High-Quality Genome Sequence of the Oceanic Island Endemic Species <i>Drosophila guanache</i> Reveals Signals of Adaptive Evolution in Genes Related to Flight and Genome Stability. <i>Genome Biology and Evolution</i> , 2018, 10, 1956-1969.	1.1	14

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37	Nucleotide Polymorphism in the Rpl1215 Gene Region of the Insular Species <i>Drosophila guanche</i> : Reduced Efficacy of Weak Selection on Synonymous Variation. <i>Molecular Biology and Evolution</i> , 2003, 20, 1867-1875.	3.5	13
38	Positive Selection Has Driven the Evolution of the <i>Drosophila</i> Insulin-Like Receptor (InR) at Different Timescales. <i>Molecular Biology and Evolution</i> , 2009, 26, 1723-1732.	3.5	11
39	Excess of Nonsynonymous Polymorphism at <i>Acp1</i> in Different Gene Arrangements of <i>Drosophila subobscura</i> . <i>Molecular Biology and Evolution</i> , 2003, 20, 1833-1843.	3.5	10
40	Monitoring chromosomal polymorphism in <i>Drosophila subobscura</i> over 40 years. <i>Entomological Science</i> , 2016, 19, 215-221.	0.3	10
41	Nucleotide Variation at the yellow Gene Region is not Reduced in <i>Drosophila subobscura</i> : A Study in Relation to Chromosomal Polymorphism. <i>Molecular Biology and Evolution</i> , 2000, 17, 1942-1955.	3.5	9
42	Inversion evolutionary rates might limit the experimental identification of inversion breakpoints in non-model species. <i>Scientific Reports</i> , 2017, 7, 17281.	1.6	9
43	Dense gene physical maps of the non-model species <i>Drosophila subobscura</i> . <i>Chromosome Research</i> , 2017, 25, 145-154.	1.0	7
44	Inferring the demographic history of <i>Drosophila subobscura</i> from nucleotide variation at regions not affected by chromosomal inversions. <i>Molecular Ecology</i> , 2015, 24, 1729-1741.	2.0	6
45	The molecular genealogy of sequential overlapping inversions implies both homologous chromosomes of a heterokaryotype in an inversion origin. <i>Scientific Reports</i> , 2019, 9, 17009.	1.6	6
46	Characterization of dFOXO binding sites upstream of the Insulin Receptor P2 promoter across the <i>Drosophila</i> phylogeny. <i>PLoS ONE</i> , 2017, 12, e0188357.	1.1	5
47	The molecular characterization of fixed inversions breakpoints unveils the ancestral character of the <i>Drosophila guanche</i> chromosomal arrangements. <i>Scientific Reports</i> , 2019, 9, 1706.	1.6	5
48	Uncovering the Footprint of Positive Selection on the X Chromosome of <i>Drosophila melanogaster</i> . <i>Molecular Biology and Evolution</i> , 2010, 27, 153-160.	3.5	4
49	Polymorphism at genes involved in salt tolerance in <i>Arabidopsis thaliana</i> (Brassicaceae). <i>American Journal of Botany</i> , 2013, 100, 384-390.	0.8	4
50	Odorant Receptor (Or) Genes: Polymorphism and Divergence in the <i>D. melanogaster</i> and <i>D. pseudoobscura</i> Lineages. <i>PLoS ONE</i> , 2010, 5, e13389.	1.1	3
51	Comment on "The Molecular Evolutionary Patterns of the Insulin/FOXO Signaling Pathway". <i>Evolutionary Bioinformatics</i> , 2013, 9, EBO.S11915.	0.6	2
52	Evidence for a Gene Involved in Multiple and Diverse Rearrangements in the <i>Drosophila</i> Genus. <i>Molecular Biology and Evolution</i> , 2014, 31, 2998-3001.	3.5	2
53	An easy route to the massive karyotyping of complex chromosomal arrangements in <i>Drosophila</i> . <i>Scientific Reports</i> , 2017, 7, 12717.	1.6	1
54	Multiple and diverse structural changes affect the breakpoint regions of polymorphic inversions across the <i>Drosophila</i> genus. , 0, .		1

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55	Patterns of Nucleotide Diversity at the Regions Encompassing the Drosophila Insulin-Like Peptide (dilp) Genes: Demography vs. Positive Selection in <i>Drosophila melanogaster</i> . PLoS ONE, 2013, 8, e53593.	1.1	1