Montserrat AguadÃ© i Porres

List of Publications by Year
in descending order

55 papers	5,840 citations	304368 22 h-index	161609 54 g-index
56 all docs	56 docs citations	56 times ranked	6239 citing authors

#	Article	IF	Citations
1	The molecular characterization of fixed inversions breakpoints unveils the ancestral character of the Drosophila guanche chromosomal arrangements. Scientific Reports, 2019, 9, 1706.	1.6	5
2	The molecular genealogy of sequential overlapping inversions implies both homologous chromosomes of a heterokaryotype in an inversion origin. Scientific Reports, 2019, 9, 17009.	1.6	6
3	The High-Quality Genome Sequence of the Oceanic Island Endemic Species Drosophila guanche Reveals Signals of Adaptive Evolution in Genes Related to Flight and Genome Stability. Genome Biology and Evolution, 2018, 10, 1956-1969.	1.1	14
4	Dense gene physical maps of the non-model species Drosophila subobscura. Chromosome Research, 2017, 25, 145-154.	1.0	7
5	An easy route to the massive karyotyping of complex chromosomal arrangements in Drosophila. Scientific Reports, 2017, 7, 12717.	1.6	1
6	Inversion evolutionary rates might limit the experimental identification of inversion breakpoints in non-model species. Scientific Reports, 2017, 7, 17281.	1.6	9
7	Characterization of dFOXO binding sites upstream of the Insulin Receptor P2 promoter across the Drosophila phylogeny. PLoS ONE, 2017, 12, e0188357.	1.1	5
8	Monitoring chromosomal polymorphism in <i>Drosophila subobscura</i> over 40 years. Entomological Science, 2016, 19, 215-221.	0.3	10
9	Multiple and diverse structural changes affect the breakpoint regions of polymorphic inversions across the Drosophila genus. Scientific Reports, 2016, 6, 36248.	1.6	25
10	The origin of chromosomal inversions as a source of segmental duplications in the Sophophora subgenus of Drosophila. Scientific Reports, 2016, 6, 30715.	1.6	17
11	Inferring the demographic history of <i>Drosophila subobscura</i> from nucleotide variation at regions not affected by chromosomal inversions. Molecular Ecology, 2015, 24, 1729-1741.	2.0	6
12	Evidence for a Gene Involved in Multiple and Diverse Rearrangements in the Drosophila Genus. Molecular Biology and Evolution, 2014, 31, 2998-3001.	3.5	2
13	Characterization of the Breakpoints of a Polymorphic Inversion Complex Detects Strict and Broad Breakpoint Reuse at the Molecular Level. Molecular Biology and Evolution, 2014, 31, 2331-2341.	3.5	28
14	STRUCTURE AND POPULATION GENETICS OF THE BREAKPOINTS OF A POLYMORPHIC INVERSION INDROSOPHILA SUBOBSCURA. Evolution; International Journal of Organic Evolution, 2013, 67, 66-79.	1.1	20
15	Polymorphism at genes involved in salt tolerance in <i>Arabidopsis thaliana</i> (Brassicaceae). American Journal of Botany, 2013, 100, 384-390.	0.8	4
16	Comment on â€œThe Molecular Evolutionary Patterns of the Insulin/FOXO Signaling Pathwayâ€• Evolutionary Bioinformatics, 2013, 9, EBO.S11915.	0.6	2
17	Patterns of Nucleotide Diversity at the Regions Encompassing the Drosophila Insulin-Like Peptide (dilp) Genes: Demography vs. Positive Selection in Drosophila melanogaster. PLoS ONE, 2013, 8, e53593.	1.1	1
18	Molecular Population Genetics of the Insulin/TOR Signal Transduction Pathway: A Network-Level Analysis in Drosophila melanogaster. Molecular Biology and Evolution, 2012, 29, 123-132.	3.5	17

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19	Comparative Genomics of the Vertebrate Insulin/TOR Signal Transduction Pathway: A Network-Level Analysis of Selective Pressures. Genome Biology and Evolution, 2011, 3, 87-101.	1.1	40
20	Uncovering the Footprint of Positive Selection on the X Chromosome of Drosophila melanogaster. Molecular Biology and Evolution, 2010, 27, 153-160.	3.5	4
21	Genome sequences of the human body louse and its primary endosymbiont provide insights into the permanent parasitic lifestyle. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12168-12173.	3.3	482
22	Odorant Receptor (Or) Genes: Polymorphism and Divergence in the D. melanogaster and D. pseudoobscura Lineages. PLoS ONE, 2010, 5, e13389.	1.1	3
23	Network-level molecular evolutionary analysis of the insulin/TOR signal transduction pathway across 12 <i>Drosophila</i> genomes. Genome Research, 2009, 19, 234-242.	2.4	74
24	Nucleotide and Copy-Number Polymorphism at the Odorant Receptor Genes Or22a and Or22b in Drosophila melanogaster. Molecular Biology and Evolution, 2009, 26, 61-70.	3.5	30
25	Positive Selection Has Driven the Evolution of the Drosophila Insulin-Like Receptor (InR) at Different Timescales. Molecular Biology and Evolution, 2009, 26, 1723-1732.	3.5	11
26	High Incidence of Interchromosomal Transpositions in the Evolutionary History of a Subset of Or Genes in Drosophila. Journal of Molecular Evolution, 2008, 66, 325-332.	0.8	16
27	Genetic Exchange versus Genetic Differentiation in a Medium-Sized Inversion of Drosophila: The A2/Ast Arrangements of Drosophila subobscura. Molecular Biology and Evolution, 2008, 25, 1534-1543.	3.5	17
28	Polytene Chromosomal Maps of 11 Drosophila Species: The Order of Genomic Scaffolds Inferred From Genetic and Physical Maps. Genetics, 2008, 179, 1601-1655.	1.2	191
29	Genome Scans of Variation and Adaptive Change: Extended Analysis of a Candidate Locus Close to the phantom Gene Region in Drosophila melanogaster. Molecular Biology and Evolution, 2007, 24, 1122-1129.	3.5	19
30	Evolution of genes and genomes on the Drosophila phylogeny. Nature, 2007, 450, 203-218.	13.7	1,886
31	CHROMOSOMAL EVOLUTION OF ELEMENTS B AND C IN THE SOPHOPHORA SUBGENUS OF DROSOPHILA: EVOLUTIONARY RATE AND POLYMORPHISM. Evolution; International Journal of Organic Evolution, 2006, 60, 768-781.	1.1	17
32	Chromosomal evolution of elements B and C in the Sophophora subgenus of Drosophila: evolutionary rate and polymorphism. Evolution; International Journal of Organic Evolution, 2006, 60, 768-81.	1.1	16
33	Chromosomal Inversion Polymorphism Leads to Extensive Genetic Structure. Genetics, 2005, 169, 1573-1581.	1.2	55
34	DNA Sequence Polymorphism and Divergence at the erect wing and suppressor of sable Loci of Drosophila melanogaster and D. simulans. Genetics, 2005, 170, 1153-1165.	1.2	14
35	Detecting the Footprint of Positive Selection in a European Population of Drosophila melanogaster. Genetics, 2004, 167, 1759-1766.	1.2	57
36	Excess of Nonsynonymous Polymorphism at Acph-1 in Different Gene Arrangements of Drosophila subobscura. Molecular Biology and Evolution, 2003, 20, 1833-1843.	3.5	10

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37	Nucleotide Polymorphism in the RpII215 Gene Region of the Insular Species Drosophila guanche: Reduced Efficacy of Weak Selection on Synonymous Variation. Molecular Biology and Evolution, 2003, 20, 1867-1875.	3.5	13
38	Nucleotide Sequence Variation at Two Genes of the Phenylpropanoid Pathway, the FAH1 and F3H Genes, in Arabidopsis thaliana. Molecular Biology and Evolution, 2001, 18, 1-9.	3.5	118
39	DNA Variation at the <i>rp49</i> Gene Region of <i>Drosophila simulans</i>: Evolutionary Inferences From an Unusual Haplotype Structure. Genetics, 2001, 158, 1147-1155.	1.2	116
40	Nucleotide Variation at the yellow Gene Region is not Reduced in Drosophila subobscura: A Study in Relation to Chromosomal Polymorphism. Molecular Biology and Evolution, 2000, 17, 1942-1955.	3.5	9
41	Nucleotide Variation at the <i>CHALCONE ISOMERASE</i> Locus in <i>Arabidopsis thaliana</i>. Genetics, 2000, 155, 863-872.	1.2	107
42	Nucleotide Polymorphism at the <i>RpII215</i> Gene in <i>Drosophila subobscura</i>: Weak Selection on Synonymous Mutations. Genetics, 2000, 155, 1245-1252.	1.2	18
43	Molecular Population Genetics of the rp49 Gene Region in Different Chromosomal Inversions of Drosophila subobscura. Genetics, 1999, 151, 189-202.	1.2	54
44	Positive Selection Drives the Evolution of the Acp29AB Accessory Gland Protein in Drosophila. Genetics, 1999, 152, 543-551.	1.2	128
45	The Relationship Between Allozyme and Chromosomal Polymorphism Inferred From Nucleotide Variation at the Acph-1 Gene Region of Drosophila subobscura. Genetics, 1999, 153, 871-889.	1.2	23
46	Molecular and Chromosomal Phylogeny in theObscuraGroup ofDrosophilaInferred from Sequences of therp49Gene Region. Molecular Phylogenetics and Evolution, 1998, 9, 33-41.	1.2	52
47	Molecular Evolution of the Cecropin Multigene Family in Drosophila: Functional Genes vs. Pseudogenes. Genetics, 1998, 150, 157-171.	1.2	79
48	Different Forces Drive the Evolution of the Acp26Aa and Acp26Ab Accessory Gland Genes in the Drosophila melanogaster Species Complex. Genetics, 1998, 150, 1079-1089.	1.2	101
49	Differentiation of Muller's Chromosomal Elements D and E in the Obscura Group of Drosophila. Genetics, 1996, 144, 139-146.	1.2	50
50	P1 clones from Drosophila melanogaster as markers to study the chromosomal evolution of Muller's A element in two species of the obscura group of Drosophila. Chromosoma, 1995, 104, 129-136.	1.0	49
51	CLINES OF CHROMOSOMAL ARRANGEMENTS OF<i>DROSOPHILA SUBOBSCURA</i>IN SOUTH AMERICA EVOLVE CLOSER TO OLD WORLD PATTERNS. Evolution; International Journal of Organic Evolution, 1990, 44, 218-221.	1.1	32
52	A Test of Neutral Molecular Evolution Based on Nucleotide Data. Genetics, 1987, 116, 153-159.	1.2	1,666
53	THE COLONIZATION OF <i>DROSOPHILA SUBOBSCURA</i> IN CHILE. II. CLINES IN THE CHROMOSOMAL ARRANGEMENTS. Evolution; International Journal of Organic Evolution, 1985, 39, 838-844.	1.1	64
54	The Colonization of Drosophila subobscura in Chile. II. Clines in the Chromosomal Arrangements. Evolution; International Journal of Organic Evolution, 1985, 39, 838.	1.1	21

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55	Multiple and diverse structural changes affect the breakpoint regions of polymorphic inversions across the Drosophila genus. , 0, .		1