Humberto Quesada

List of Publications by Year
in descending order

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31 papers	914 citations	426418 17 h-index	443870 29 g-index
34 all docs	34 docs citations	34 times ranked	1329 citing authors

#	Article	IF	Citations
1	PARALLEL EVOLUTION OF LOCAL ADAPTATION AND REPRODUCTIVE ISOLATION IN THE FACE OF GENE FLOW. Evolution; International Journal of Organic Evolution, 2014, 68, 935-949.	2.2	171
2	Impact of Amplified Fragment Length Polymorphism Size Homoplasy on the Estimation of Population Genetic Diversity and the Detection of Selective Loci. Genetics, 2008, 179, 539-554.	2.9	129
3	PHYLOGENETIC EVIDENCE FOR MULTIPLE SYMPATRIC ECOLOGICAL DIVERSIFICATION IN A MARINE SNAIL. Evolution; International Journal of Organic Evolution, 2007, 61, 1600-1612.	2.2	93
4	Allelic diversity for neutral markers retains a higher adaptive potential for quantitative traits than expected heterozygosity. Molecular Ecology, 2015, 24, 4419-4432.	3.6	60
5	Nonneutral Evolution and Differential Mutation Rate of Gender-Associated Mitochondrial DNA Lineages in the Marine Mussel Mytilus. Genetics, 1998, 149, 1511-1526.	2.9	54
6	Sex-biased heteroplasmy and mitochondrial DNA inheritance in the musselMytilus galloprovincialis Lmk.. Current Genetics, 1996, 29, 423-426.	1.8	36
7	Evaluating the Relationship between Evolutionary Divergence and Phylogenetic Accuracy in AFLP Data Sets. Molecular Biology and Evolution, 2010, 27, 988-1000.	9.1	36
8	Birth-and-Death Evolution of the Cecropin Multigene Family in Drosophila. Journal of Molecular Evolution, 2005, 60, 1-11.	1.9	31
9	Large-Scale Adaptive Hitchhiking Upon High Recombination inDrosophila simulans. Genetics, 2003, 165, 895-900.	2.9	27
10	Genetic impact of the Prestige oil spill in wild populations of a poor dispersal marine snail from intertidal rocky shores. Marine Pollution Bulletin, 2008, 56, 270-281.	4.9	25
11	Homoplasy and Distribution of AFLP Fragments: An Analysis In Silico of the Genome of Different Species. Molecular Biology and Evolution, 2010, 27, 1139-1151.	9.1	24
12	Heteroplasmy Suggests Paternal Co-transmission of Multiple Genomes and Pervasive Reversion of Maternally into Paternally Transmitted Genomes of Mussel (Mytilus) Mitochondrial DNA. Journal of Molecular Evolution, 2003, 57, S138-S147.	1.9	23
13	Insights into the role of differential gene expression on the ecological adaptation of the snail Littorina saxatilis. BMC Evolutionary Biology, 2010, 10, 356.	3.1	23
14	Long-term exhaustion of the inbreeding load in Drosophila melanogaster. Heredity, 2021, 127, 373-383.	2.7	22
15	Genetic discontinuity associated with an environmentally induced barrier to gene exchange in the marine snail Littorina saxatilis. Marine Ecology - Progress Series, 2008, 357, 175-184.	1.9	21
16	Genomic distribution of AFLP markers relative to gene locations for different eukaryotic species. BMC Genomics, 2013, 14, 528.	2.9	20
17	Gene-Expression Changes Caused by Inbreeding Protect Against Inbreeding Depression in Drosophila. Genetics, 2012, 192, 161-172.	2.9	18
18	Prediction of the minimum effective size of a population viable in the long term. Biodiversity and Conservation, 2022, 31, 2763-2780.	2.5	17

#	Article	IF	Citations
19	Population genomics of parallel evolution in gene expression and gene sequence during ecological adaptation. Scientific Reports, 2018, 8, 16147.	3.4	14
20	Accelerated inbreeding depression suggests synergistic epistasis for deleterious mutations in Drosophila melanogaster. Heredity, 2019, 123, 709-722.	2.7	13
21	Historical Biogeography of the Marine Snail Littorina saxatilis Inferred from Haplotype and Shell Morphology Evolution in NW Spain. PLoS ONE, 2016, 11, e0161287.	2.5	13
22	Can parallel ecological speciation be detected with phylogenetic analyses?. Molecular Phylogenetics and Evolution, 2017, 116, 149-156.	2.9	11
23	Are transcriptional responses to inbreeding a functional response to alleviate inbreeding depression?. Fly, 2013, 7, 8-12.	1.8	9
24	Identification of sperm proteins as candidate biomarkers for the analysis of reproductive isolation in Mytilus: a case study for the enkurin locus. Marine Biology, 2012, 159, 2195-2207.	1.5	5
25	Candidate Transcriptomic Sources of Inbreeding Depression in Drosophila melanogaster. PLoS ONE, 2013, 8, e70067.	2.5	5
26	On the roles of selection, mutation and drift in the evolution of mitochondrial DNA diversity in British Mytilus edulis (Mytilidae; Mollusca) populations. Biological Journal of the Linnean Society, 1999, 68, 195-213.	1.6	4
27	An empirical test of the estimation of historical effective population size using Drosophila melanogaster. Molecular Ecology Resources, 2023, 23, 1632-1640.	4.9	4
28	Positive Selection Versus Demography: Evolutionary Inferences Based on an Unusual Haplotype Structure in Drosophila simulans. Molecular Biology and Evolution, 2006, 23, 1643-1647.	9.1	3
29	Impact of deep coalescence and recombination on the estimation of phylogenetic relationships among species using AFLP markers. Molecular Phylogenetics and Evolution, 2014, 76, 102-109.	2.9	3
30	A First Insight into the In Silico Evaluation of the Accuracy of AFLP Markers for Phylogenetic Reconstruction. Lecture Notes in Computer Science, 2009, , 1143-1146.	2.0	0
31	An empirical evaluation of the estimation of inbreeding depression from molecular markers under suboptimal conditions. Evolutionary Applications, 2023, 16, 1302-1315.	3.2	0