

Joaquin Ortego

List of Publications by Citations

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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.

95
papers

2,032
citations

26
h-index

39
g-index

103
ext. papers

2,427
ext. citations

3.6
avg, IF

5.12
L-index

#	Paper	IF	Citations
95	What should we weigh to estimate heterozygosity, alleles or loci?. <i>Molecular Ecology</i> , 2006 , 15, 4659-65	5.7	260
94	Genetic diversity in caribou linked to past and future climate change. <i>Nature Climate Change</i> , 2014 , 4, 132-137	21.4	119
93	Heterozygosity-based assortative mating in blue tits (<i>Cyanistes caeruleus</i>): implications for the evolution of mate choice. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 2931-40	4.4	74
92	Influence of environmental heterogeneity on genetic diversity and structure in an endemic southern Californian oak. <i>Molecular Ecology</i> , 2012 , 21, 3210-23	5.7	71
91	Climatically stable landscapes predict patterns of genetic structure and admixture in the Californian canyon live oak. <i>Journal of Biogeography</i> , 2015 , 42, 328-338	4.1	54
90	Genetic consequences of habitat fragmentation in long-lived tree species: the case of the mediterranean Holm Oak (<i>Quercus ilex</i> , L.). <i>Journal of Heredity</i> , 2010 , 101, 717-26	2.4	54
89	Egg production and individual genetic diversity in lesser kestrels. <i>Molecular Ecology</i> , 2007 , 16, 2383-92	5.7	45
88	Influence of climatic niche suitability and geographical overlap on hybridization patterns among southern Californian oaks. <i>Journal of Biogeography</i> , 2014 , 41, 1895-1908	4.1	41
87	Population genetics of <i>Mioscirtus wagneri</i> , a grasshopper showing a highly fragmented distribution. <i>Molecular Ecology</i> , 2010 , 19, 472-83	5.7	39
86	Risk of ectoparasitism and genetic diversity in a wild lesser kestrel population. <i>Molecular Ecology</i> , 2007 , 16, 3712-20	5.7	37
85	Consequences of extensive habitat fragmentation in landscape-level patterns of genetic diversity and structure in the Mediterranean esparto grasshopper. <i>Evolutionary Applications</i> , 2015 , 8, 621-32	4.8	36
84	Genomic data reveal cryptic lineage diversification and introgression in Californian golden cup oaks (section <i>Protobalanus</i>). <i>New Phytologist</i> , 2018 , 218, 804-818	9.8	35
83	Causes, consequences and mechanisms of breeding dispersal in the colonial lesser kestrel, <i>Falco naumanni</i> . <i>Animal Behaviour</i> , 2008 , 76, 1989-1996	2.8	35
82	Association of genetic and phenotypic variability with geography and climate in three southern California oaks. <i>American Journal of Botany</i> , 2016 , 103, 73-85	2.7	33
81	Temporal dynamics of genetic variability in a mountain goat (<i>Oreamnos americanus</i>) population. <i>Molecular Ecology</i> , 2011 , 20, 1601-11	5.7	30
80	Natural hybridisation between kermes (<i>Quercus coccifera</i> L.) and holm oaks (<i>Q. ilex</i> L.) revealed by microsatellite markers. <i>Plant Biology</i> , 2010 , 12, 234-8	3.7	30
79	Can a simple algebraic analysis predict markers-genome heterozygosity correlations?. <i>Journal of Heredity</i> , 2007 , 98, 93-6	2.4	30

78	Impacts of human-induced environmental disturbances on hybridization between two ecologically differentiated Californian oak species. <i>New Phytologist</i> , 2017 , 213, 942-955	9.8	29
77	Increase of heterozygosity in a growing population of lesser kestrels. <i>Biology Letters</i> , 2007 , 3, 585-8	3.6	29
76	Hierarchical genetic structure shaped by topography in a narrow-endemic montane grasshopper. <i>BMC Evolutionary Biology</i> , 2016 , 16, 96	3	28
75	Genetic characterization of avian malaria (Protozoa) in the endangered lesser kestrel, <i>Falco naumanni</i> . <i>Parasitology Research</i> , 2007 , 101, 1153-6	2.4	28
74	Positive cascade effects of forest fragmentation on acorn weevils mediated by seed size enlargement. <i>Insect Conservation and Diversity</i> , 2012 , 5, 381-388	3.8	27
73	Evolutionary and demographic history of the Californian scrub white oak species complex: an integrative approach. <i>Molecular Ecology</i> , 2015 , 24, 6188-208	5.7	27
72	No relationship between individual genetic diversity and prevalence of avian malaria in a migratory kestrel. <i>Molecular Ecology</i> , 2007 , 16, 4858-66	5.7	27
71	Genetic consequences of natal dispersal in the colonial lesser kestrel. <i>Molecular Ecology</i> , 2008 , 17, 2051-9.7	9.7	26
70	Individual genetic diversity correlates with the size and spatial isolation of natal colonies in a bird metapopulation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008 , 275, 2039-47	4.4	26
69	Tests of species-specific models reveal the importance of drought in postglacial range shifts of a Mediterranean-climate tree: insights from integrative distributional, demographic and coalescent modelling and ABC model selection. <i>Molecular Ecology</i> , 2016 , 25, 4889-906	5.7	24
68	Phylogeography of the Iberian populations of <i>Mioscirtus wagneri</i> (Orthoptera: Acrididae), a specialized grasshopper inhabiting highly fragmented hypersaline environments. <i>Biological Journal of the Linnean Society</i> , 2009 , 97, 623-633	1.9	24
67	Temporal variation of heterozygosity-based assortative mating and related benefits in a lesser kestrel population. <i>Journal of Evolutionary Biology</i> , 2009 , 22, 2488-95	2.3	24
66	Intercolony movements and prospecting behaviour in the colonial lesser kestrel. <i>Animal Behaviour</i> , 2010 , 79, 811-817	2.8	24
65	Consequences of chronic infections with three different avian malaria lineages on reproductive performance of Lesser Kestrels (<i>Falco naumanni</i>). <i>Journal of Ornithology</i> , 2008 , 149, 337-343	1.5	24
64	Extrapair paternity in Mediterranean blue tits: socioecological factors and the opportunity for sexual selection. <i>Behavioral Ecology</i> , 2014 , 25, 228-238	2.3	22
63	The role of immigration and local adaptation on fine-scale genotypic and phenotypic population divergence in a less mobile passerine. <i>Journal of Evolutionary Biology</i> , 2014 , 27, 1590-603	2.3	22
62	Feathers, suspicions, and infidelities: an experimental study on parental care and certainty of paternity in the blue tit. <i>Biological Journal of the Linnean Society</i> , 2013 , 109, 552-561	1.9	22
61	Genetic structure reflects natal dispersal movements at different spatial scales in the blue tit, <i>Cyanistes caeruleus</i> . <i>Animal Behaviour</i> , 2011 , 82, 131-137	2.8	22

60	Public information in selection of nesting colony by lesser kestrels: which cues are used and when are they obtained?. <i>Animal Behaviour</i> , 2008 , 75, 1611-1617	2.8	22
59	RADseq data reveal ancient, but not pervasive, introgression between Californian tree and scrub oak species (<i>Quercus</i> sect. <i>Quercus</i> : Fagaceae). <i>Molecular Ecology</i> , 2018 , 27, 4556-4571	5.7	22
58	Integrating ecological and genetic structure to define management units for caribou in Eastern Canada. <i>Conservation Genetics</i> , 2016 , 17, 437-453	2.6	21
57	Extensive pollen immigration and no evidence of disrupted mating patterns or reproduction in a highly fragmented holm oak stand. <i>Journal of Plant Ecology</i> , 2014 , 7, 384-395	1.7	21
56	Multiple sexual ornaments signal heterozygosity in male blue tits. <i>Biological Journal of the Linnean Society</i> , 2015 , 115, 362-375	1.9	20
55	Characteristics of loci and individuals are associated with germline microsatellite mutation rates in lesser kestrels (<i>Falco naumanni</i>). <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008 , 648, 82-6	3.3	19
54	Ecological factors influencing disease risk in Eagle Owls <i>Bubo bubo</i> . <i>Ibis</i> , 2007 , 149, 386-395	1.9	18
53	Integrating genomic and phenotypic data to evaluate alternative phylogenetic and species delimitation hypotheses in a recent evolutionary radiation of grasshoppers. <i>Molecular Ecology</i> , 2018 , 27, 1229-1244	5.7	16
52	Heterozygosity at a single locus explains a large proportion of variation in two fitness-related traits in great tits: a general or a local effect?. <i>Journal of Evolutionary Biology</i> , 2014 , 27, 2807-19	2.3	16
51	Genetic and morphological divergence at different spatiotemporal scales in the grasshopper <i>Mioscirtus wagneri</i> (Orthoptera: Acrididae). <i>Journal of Insect Conservation</i> , 2012 , 16, 103-110	2.1	16
50	Molecular characterization of avian malaria parasites in three Mediterranean blue tit (<i>Cyanistes caeruleus</i>) populations. <i>Parasitology Research</i> , 2012 , 111, 2137-42	2.4	16
49	Living on the edge: the role of geography and environment in structuring genetic variation in the southernmost populations of a tropical oak. <i>Plant Biology</i> , 2015 , 17, 676-83	3.7	15
48	Fine-scale spatial genetic structure and within population male-biased gene-flow in the grasshopper <i>Mioscirtus wagneri</i> . <i>Evolutionary Ecology</i> , 2011 , 25, 1127-1144	1.8	15
47	PCR-based detection and genotyping of haematzoa (Protozoa) parasitizing eagle owls, <i>Bubo bubo</i> . <i>Parasitology Research</i> , 2009 , 104, 467-70	2.4	15
46	Ecological drivers of body size evolution and sexual size dimorphism in short-horned grasshoppers (Orthoptera: Acrididae). <i>Journal of Evolutionary Biology</i> , 2017 , 30, 1592-1608	2.3	14
45	Discordant patterns of genetic and phenotypic differentiation in five grasshopper species codistributed across a microreserve network. <i>Molecular Ecology</i> , 2015 , 24, 5796-812	5.7	13
44	Landscape genetics of a specialized grasshopper inhabiting highly fragmented habitats: a role for spatial scale. <i>Diversity and Distributions</i> , 2012 , 18, 481-492	5	13
43	Colony foundation in the lesser kestrel: patterns and consequences of the occupation of empty habitat patches. <i>Animal Behaviour</i> , 2010 , 80, 975-982	2.8	13

42	Parental genetic characteristics and hatching success in a recovering population of Lesser Kestrels. <i>Journal of Ornithology</i> , 2010 , 151, 155-162	1.5	12
41	The role of environment and core-margin effects on range-wide phenotypic variation in a montane grasshopper. <i>Journal of Evolutionary Biology</i> , 2016 , 29, 2129-2142	2.3	12
40	Individual genetic diversity and probability of infection by avian malaria parasites in blue tits (<i>Cyanistes caeruleus</i>). <i>Journal of Evolutionary Biology</i> , 2014 , 27, 2468-82	2.3	11
39	The strength of the association between heterozygosity and probability of interannual local recruitment increases with environmental harshness in blue tits. <i>Ecology and Evolution</i> , 2016 , 6, 8857-8869	2.8	11
38	Testing the role of ancient and contemporary landscapes on structuring genetic variation in a specialist grasshopper. <i>Ecology and Evolution</i> , 2017 , 7, 3110-3122	2.8	10
37	Linking genetic and ecological differentiation in an ungulate with a circumpolar distribution. <i>Ecography</i> , 2018 , 41, 922-937	6.5	10
36	Genomic data reveal deep genetic structure but no support for current taxonomic designation in a grasshopper species complex. <i>Molecular Ecology</i> , 2019 , 28, 3869-3886	5.7	10
35	Evidence of subtle departures from Mendelian segregation in a wild lesser kestrel (<i>Falco naumanni</i>) population. <i>Heredity</i> , 2010 , 105, 213-9	3.6	10
34	Factors associated with the geographic distribution of leucocytozoa parasitizing nestling eagle owls (<i>Bubo bubo</i>): a local spatial-scale analysis. <i>Conservation Genetics</i> , 2010 , 11, 1479-1487	2.6	10
33	Paraphyletic species no more [Genomic data resolve a Pleistocene radiation and validate morphological species of the <i>Melanoplus scudderi</i> complex (Insecta: Orthoptera). <i>Systematic Entomology</i> , 2020 , 45, 594-605	3.4	10
32	Diversity in insect seed parasite guilds at large geographical scale: the roles of host specificity and spatial distance. <i>Journal of Biogeography</i> , 2016 , 43, 1620-1630	4.1	10
31	Spatiotemporally explicit demographic modelling supports a joint effect of historical barriers to dispersal and contemporary landscape composition on structuring genomic variation in a red-listed grasshopper. <i>Molecular Ecology</i> , 2019 , 28, 2155-2172	5.7	9
30	Safeguarding the genetic integrity of native pollinators requires stronger regulations on commercial lines. <i>Ecological Solutions and Evidence</i> , 2020 , 1, e12012	2.1	9
29	Spatiotemporal and genetic contingency of extrapair behaviour in a songbird. <i>Animal Behaviour</i> , 2015 , 106, 157-169	2.8	9
28	Mercury in feathers of nestling eagle owls, <i>Bubo bubo</i> L., and muscle of their main prey species in Toledo Province, Central Spain. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006 , 76, 648-55	2.7	9
27	Malathion applied at standard rates reduces fledgling condition and adult male survival in a wild lesser kestrel population. <i>Animal Conservation</i> , 2007 , 10, 312-319	3.2	8
26	Using high-throughput sequencing to investigate the factors structuring genomic variation of a Mediterranean grasshopper of great conservation concern. <i>Scientific Reports</i> , 2018 , 8, 13436	4.9	8
25	Recognizing taxonomic units in the field? The case of the crickets <i>Oecanthus dulcisonans</i> Gorochoff 1993, and <i>O. pellucens</i> (Scopoli, 1763) (Orthoptera: Gryllidae): implications for their distribution and conservation in Southern Europe. <i>Zootaxa</i> , 2009 , 2284, 63-68	0.5	7

24	Genetic Signatures of Demographic Changes in an Avian Top Predator during the Last Century: Bottlenecks and Expansions of the Eurasian Eagle Owl in the Iberian Peninsula. <i>PLoS ONE</i> , 2015 , 10, e0133954	3.7	7
23	Incorporating interspecific interactions into phylogeographic models: A case study with Californian oaks. <i>Molecular Ecology</i> , 2020 , 29, 4510-4524	5.7	6
22	The influence of landscape configuration and environment on population genetic structure in a sedentary passerine: insights from loci located in different genomic regions. <i>Journal of Evolutionary Biology</i> , 2016 , 29, 205-19	2.3	6
21	Genomic footprints of an old affair: Single nucleotide polymorphism data reveal historical hybridization and the subsequent evolution of reproductive barriers in two recently diverged grasshoppers with partly overlapping distributions. <i>Molecular Ecology</i> , 2020 , 29, 2254-2268	5.7	5
20	A revision of Apteromantis (Mantodea: Mantidae, Amelinae): a comprehensive approach to manage old taxonomic and conservation problems. <i>Zootaxa</i> , 2014 , 65-77	0.5	5
19	Mechanisms of colony selection by first-year Lesser Kestrels <i>Falco naumanni</i> . <i>Ibis</i> , 2011 , 153, 37-45	1.9	5
18	Isolation and characterization of polymorphic microsatellite markers in the grasshopper <i>Mioscirtus wagneri</i> (Orthoptera: Acrididae). <i>Conservation Genetics</i> , 2010 , 11, 1119-1121	2.6	4
17	Demographic consequences of dispersal-related trait shift in two recently diverged taxa of montane grasshoppers. <i>Evolution; International Journal of Organic Evolution</i> , 2021 , 75, 1998-2013	3.8	4
16	Inferring the demographic history of an oligophagous grasshopper: Effects of climatic niche stability and host-plant distribution. <i>Molecular Phylogenetics and Evolution</i> , 2018 , 118, 343-356	4.1	3
15	Isolation and characterization of polymorphic microsatellites in the specialist grasshopper <i>Ramburiella hispanica</i> (Orthoptera: Acrididae). <i>Conservation Genetics Resources</i> , 2014 , 6, 723-724	0.8	3
14	Phenotypic disparity in Iberian short-horned grasshoppers (Acrididae): the role of ecology and phylogeny. <i>BMC Evolutionary Biology</i> , 2017 , 17, 109	3	3
13	Physiological response to stress in fledgling Lesser Kestrels <i>Falco naumanni</i> : the role of physical condition, sex and individual genetic diversity. <i>Ibis</i> , 2009 , 151, 559-567	1.9	3
12	A review of cross-backed grasshoppers of the genus <i>Dociostaurus</i> Fieber (Orthoptera: Acrididae) from the western Mediterranean: insights from phylogenetic analyses and DNA-based species delimitation. <i>Systematic Entomology</i> , 2018 , 43, 136-146	3.4	3
11	Geographical and Ecological Drivers of Mitonuclear Genetic Divergence in a Mediterranean Grasshopper. <i>Evolutionary Biology</i> , 2017 , 44, 505-521	3	2
10	ECOLOGY OF PARASITISM OF NESTLING EURASIAN EAGLE-OWLS (<i>BUBO BUBO</i>) BY LEUCOCYTOZON ZIEMANNI. <i>Journal of Raptor Research</i> , 2007 , 41, 247-251	0.9	2
9	Insights into the neutral and adaptive processes shaping the spatial distribution of genomic variation in the economically important Moroccan locust (<i>Schistocerca</i>). <i>Ecology and Evolution</i> , 2020 , 10, 3991-4008	2.8	1
8	Influence of grazing on populations of the specialist grasshopper <i>Mioscirtus wagneri</i> inhabiting hypersaline habitats in La Mancha Region, Central Spain. <i>Journal of Orthoptera Research</i> , 2018 , 27, 75-81	1	1
7	Ecological drivers of body size evolution and sexual size dimorphism in short-horned grasshoppers (Orthoptera: Acrididae)		1

6	Safeguarding the genetic integrity of native pollinators requires stronger regulations on commercial lines		1
5	Glacial connectivity and current population fragmentation in sky islands explain the contemporary distribution of genomic variation in two narrow-endemic montane grasshoppers from a biodiversity hotspot. <i>Diversity and Distributions</i> , 2021 , 27, 1619-1633	5	1
4	Genomic data support multiple introductions and explosive demographic expansions in a highly invasive aquatic insect. <i>Molecular Ecology</i> , 2021 , 30, 4189-4203	5.7	1
3	Reticulate Evolutionary History in a Recent Radiation of Montane Grasshoppers Revealed by Genomic Data		1
2	Genomic insights into the origin of trans-Mediterranean disjunct distributions. <i>Journal of Biogeography</i> , 2021 , 48, 440-452	4.1	0
1	New field data for old museum specimens: A peculiar cricket (Grylloidea, Orthoptera) from SW Spain. <i>Graellsia</i> , 2016 , 72, e045	0.2	