Jose Martin Pujolar

List of Publications by Citations

30 papers	830 citations	18 h-index	28 g-index
30 ext. papers	939 ext. citations	4.1 avg, IF	3.71 L-index

#	Paper	IF	Citations
30	Sequencing, de novo annotation and analysis of the first Anguilla anguilla transcriptome: EeelBase opens new perspectives for the study of the critically endangered European eel. *BMC Genomics*, **2010**, 11, 635	4.5	81
29	Evidence for isolation by time in the European eel (Anguilla anguilla L.). *Molecular Ecology*, **2006**, 15, 2095-107	3.7	67
28	Surviving in a toxic world: transcriptomics and gene expression profiling in response to environmental pollution in the critically endangered European eel. *BMC Genomics*, **2012**, 13, 507	4.5	61
27	A resource of genome-wide single-nucleotide polymorphisms generated by RAD tag sequencing in the critically endangered European eel. *Molecular Ecology Resources*, **2013**, 13, 706-14	8.4	60
26	Assessing patterns of hybridization between North Atlantic eels using diagnostic single-nucleotide polymorphisms. *Heredity*, **2014**, 112, 627-37	3.6	51
25	Population genomics of marine fishes: next-generation prospects and challenges. *Biological Bulletin* , **2014**, 227, 117-32	1.5	49
24	Understanding the effectiveness of marine protected areas using genetic connectivity patterns and Lagrangian simulations. *Diversity and Distributions*, **2013**, 19, 1531-1542	5	45
23	Positive Darwinian selection in gamete recognition proteins of Strongylocentrotus sea urchins. *Molecular Ecology*, **2011**, 20, 4968-82	5.7	31
22	Managing polyploidy in ex situ conservation genetics: the case of the critically endangered Adriatic sturgeon (Acipenser naccarii). *PLoS ONE*, **2011**, 6, e18249	3.7	31
21	Reconciling deep calibration and demographic history: bayesian inference of post glacial colonization patterns in Carcinus aestuarii (Nardo, 1847) and C. maenas (Linnaeus, 1758). *PLoS ONE*, **2011**, 6, e28567	3.7	30
20	The effect of recurrent floods on genetic composition of marble trout populations. *PLoS ONE*, **2011** , 6, e23822	3.7	30
19	Speciation and demographic history of Atlantic eels (Anguilla anguilla and A. rostrata) revealed by mitogenome sequencing. *Heredity*, **2014**, 113, 432-42	3.6	29
18	Genomic footprints of speciation in Atlantic eels (Anguilla anguilla and A. rostrata). *Molecular Ecology*, **2014**, 23, 4785-98	5.7	27
17	No apparent genetic bottleneck in the demographically declining European eel using molecular genetics and forward-time simulations. *Conservation Genetics*, **2011**, 12, 813-825	2.6	27
16	Population genetic structure and gene flow patterns between populations of the Antarctic icefish Chionodraco rastrospinosus. *Journal of Biogeography*, **2012**, 39, 1361-1372	4.1	26
15	Detecting genome-wide gene transcription profiles associated with high pollution burden in the critically endangered European eel. *Aquatic Toxicology*, **2013**, 132-133, 157-64	5.1	26
14	Genetic composition of Atlantic and Mediterranean recruits of European eel Anguilla anguilla based on EST-linked microsatellite loci. *Journal of Fish Biology*, **2009**, 74, 2034-46	1.9	23

13	Genetic patchiness in European eel adults evidenced by molecular genetics and population dynamics modelling. *Molecular Phylogenetics and Evolution*, **2011**, 58, 198-206	4.1	20
12	Inferring the demographic history of the Adriatic Flexopecten complex. *Molecular Phylogenetics and Evolution*, **2010**, 57, 942-7	4.1	14
11	Signatures of natural selection between life cycle stages separated by metamorphosis in European eel. *BMC Genomics*, **2015**, 16, 600	4.5	12
10	First de novo whole genome sequencing and assembly of the pink-footed goose. *Genomics*, **2018**, 110, 75-79	4.3	12
9	Tana1, a new putatively active Tc1-like transposable element in the genome of sturgeons. *Molecular Phylogenetics and Evolution*, **2013**, 66, 223-32	4.1	11
8	Non-parallel divergence across freshwater and marine three-spined stickleback Gasterosteus aculeatus populations. *Journal of Fish Biology*, **2017**, 91, 175-194	1.9	10
7	Changes in the gene expression profiles of the brains of male European eels (Anguilla anguilla) during sexual maturation. *BMC Genomics*, **2014**, 15, 799	4.5	10
6	Isolation and characterization of expressed sequence tag-linked microsatellite loci for the European eel (Anguilla anguilla). *Molecular Ecology Resources*, **2009**, 9, 233-5	8.4	10
5	Demographic inference from whole-genome and RAD sequencing data suggests alternating human impacts on goose populations since the last ice age. *Molecular Ecology*, **2017**, 26, 6270-6283	5.7	9
4	Transcriptomic profiling of male European eel (Anguilla anguilla) livers at sexual maturity. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2015**, 16, 28-35	2	7
3	Temporal changes in allele frequencies in a small marble trout Salmo marmoratus population threatened by extreme flood events. *Journal of Fish Biology*, **2016**, 88, 1175-90	1.9	7
2	Phylogenetic relationships and demographic histories of the Atherinidae in the Eastern Atlantic and Mediterranean Sea re-examined by Bayesian inference. *Molecular Phylogenetics and Evolution*, **2012**, 63, 857-65	4.1	7
1	Body size correlates with fertilization success but not gonad size in grass goby territorial males. *PLoS ONE*, **2012**, 7, e46711	3.7	7