## Marta Pascual

List of Publications by Year in descending order

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Version: 2024-02-01

104191 93792 5,788 123 39 citations g-index h-index papers

129 129 129 6169 docs citations times ranked citing authors all docs

69

#	Article	IF	CITATIONS
1	The era of reference genomes in conservation genomics. Trends in Ecology and Evolution, 2022, 37, 197-202.	4.2	138
2	The architecture of assisted colonisation in sea turtles: building new populations in a biodiversity crisis. Nature Communications, 2022, 13, 1580.	5.8	6
3	The discovery, distribution, and diversity of DNA viruses associated with <i>Drosophila melanogaster </i> in Europe. Virus Evolution, 2021, 7, veab031.	2.2	25
4	Impact of individual early life traits in larval dispersal: A multispecies approach using backtracking models. Progress in Oceanography, 2021, 192, 102518.	1.5	20
5	Deep genetic structure at a small spatial scale in the endangered land snail Xerocrassa montserratensis. Scientific Reports, 2021, 11, 8855.	1.6	4
6	The Two Sides of the Mediterranean: Population Genomics of the Black Sea Urchin Arbacia lixula (Linnaeus, 1758) in a Warming Sea. Frontiers in Marine Science, 2021, 8, .	1.2	5
7	Individual-based population genomics reveal different drivers of adaptation in sympatric fish. Scientific Reports, 2020, 10, 12683.	1.6	13
8	Genomic Analysis of European Drosophila melanogaster Populations Reveals Longitudinal Structure, Continent-Wide Selection, and Previously Unknown DNA Viruses. Molecular Biology and Evolution, 2020, 37, 2661-2678.	3.5	104
9	Distribution modelling of an introduced species: do adaptive genetic markers affect potential range?. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201791.	1.2	5
10	The Microbiome of the Worldwide Invasive Ascidian Didemnum vexillum. Frontiers in Marine Science, 2020, 7, .	1.2	12
11	Looks can be deceiving: Didemnum pseudovexillum sp. nov. (Ascidiacea) in European harbours. Marine Biodiversity, 2020, 50, .	0.3	10
12	Helping decision making for reliable and costâ€effective 2bâ€RAD sequencing and genotyping analyses in nonâ€model species. Molecular Ecology Resources, 2020, 20, 795-806.	2.2	12
13	East is East and West is West: Population genomics and hierarchical analyses reveal genetic structure and adaptation footprints in the keystone species <i>Paracentrotus lividus</i> (Echinoidea). Diversity and Distributions, 2020, 26, 382-398.	1.9	24
14	Single zooids, multiple loci: independent colonisations revealed by population genomics of a global invader. Biological Invasions, 2019, 21, 3575-3592.	1.2	27
15	A novel integrative approach elucidates fine-scale dispersal patchiness in marine populations. Scientific Reports, 2019, 9, 10796.	1.6	15
16	High fusibility and chimera prevalence in an invasive colonial ascidian. Scientific Reports, 2019, 9, 15673.	1.6	16
17	How many came home? Evaluating ex situ conservation of green turtles in the Cayman Islands. Molecular Ecology, 2019, 28, 1637-1651.	2.0	19
18	Low Prevalence of Wolbachia Infection in Ukrainian Populations of Drosophila. MikrobiolohichnyÄ- Zhurnal, 2019, 81, 84-89.	0.2	2

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19	Sporadic nesting reveals long distance colonisation in the philopatric loggerhead sea turtle (Caretta) Tj ETQq1	1 0.784314	rgBT /Overlo
20	Patterns of geographic variation of thermal adapted candidate genes in Drosophila subobscura sex chromosome arrangements. BMC Evolutionary Biology, 2018, 18, 60.	3.2	11
21	Seasonal patterns of settlement and growth of introduced and native ascidians in bivalve cultures in the Ebro Delta (NE Iberian Peninsula). Regional Studies in Marine Science, 2018, 23, 12-22.	0.4	22
22	Philopatry in loggerhead turtles Caretta caretta: beyond the gender paradigm. Marine Ecology - Progress Series, 2018, 588, 201-213.	0.9	23
23	Deciphering the routes of invasion of <i>Drosophila suzukii</i> by means of ABC random forest. Molecular Biology and Evolution, 2017, 34, msx050.	3.5	132
24	Population genomics of an endemic Mediterranean fish: differentiation by fine scale dispersal and adaptation. Scientific Reports, 2017, 7, 43417.	1.6	83
25	First record of the invasive pest Drosophila suzukii in Ukraine indicates multiple sources of invasion. Journal of Pest Science, 2017, 90, 421-429.	1.9	28
26	Impact of life history traits on gene flow: A multispecies systematic review across oceanographic barriers in the Mediterranean Sea. PLoS ONE, 2017, 12, e0176419.	1.1	125
27	Gene expression clines reveal local adaptation and associated trade-offs at a continental scale. Scientific Reports, 2016, 6, 32975.	1.6	18
28	Temporal and spatial genetic differentiation in the crab Liocarcinus depurator across the Atlantic-Mediterranean transition. Scientific Reports, 2016, 6, 29892.	1.6	26
29	When invasion biology meets taxonomy: Clavelina oblonga (Ascidiacea) is an old invader in the Mediterranean Sea. Biological Invasions, 2016, 18, 1203-1215.	1.2	24
30	Introduced <i>Drosophila subobscura </i> populations perform better than native populations during an oviposition choice task due to increased fecundity but similar learning ability. Ecology and Evolution, 2016, 6, 1725-1736.	0.8	11
31	Potential bycatch impact on distinct sea turtle populations is dependent on fishing ground rather than gear type in the Mediterranean Sea. Marine Biology, 2016, 163, 1.	0.7	21
32	Inversions and adaptation to the plant toxin ouabain shape DNA sequence variation within and between chromosomal inversions of Drosophila subobscura Scientific Reports, 2016, 6, 23754.	1.6	16
33	Tracking changes in chromosomal arrangements and their genetic content during adaptation. Journal of Evolutionary Biology, 2016, 29, 1151-1167.	0.8	16
34	Drosophila as models to understand the adaptive process during invasion. Biological Invasions, 2016, 18, 1089-1103.	1.2	38
35	A COMPLETE GENETIC ANALYSIS AT UNIVERSITY LEVEL: INTEGRATION BETWEEN LABORATORY AND COMPUTER APPROACHES., 2016, , .		0
36	Invasion biology of spotted wing Drosophila (Drosophila suzukii): a global perspective and future priorities. Journal of Pest Science, 2015, 88, 469-494.	1.9	711

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37	Ongoing expansion of the worldwide invader Didemnum vexillum (Ascidiacea) in the Mediterranean Sea: high plasticity of its biological cycle promotes establishment in warm waters. Biological Invasions, 2015, 17, 2075-2085.	1.2	45
38	Fine-scale distribution of juvenile Atlantic and Mediterranean loggerhead turtles (Caretta caretta) in the Mediterranean Sea. Marine Biology, 2014, 161, 509-519.	0.7	60
39	<scp>SNP</scp> development from <scp>RNA</scp> â€seq data in a nonmodel fish: how many individuals are needed for accurate allele frequency prediction?. Molecular Ecology Resources, 2014, 14, 157-165.	2.2	38
40	Drosophila suzukii: The Genetic Footprint of a Recent, Worldwide Invasion. Molecular Biology and Evolution, 2014, 31, 3148-3163.	3.5	70
41	Kinship analyses identify fish dispersal events on a temperate coastline. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140556.	1.2	39
42	Transcriptome analyses and differential gene expression in a non-model fish species with alternative mating tactics. BMC Genomics, 2014, 15, 167.	1.2	76
43	Mixed but not admixed: a spatial analysis of genetic variation of an invasive ascidian on natural and artificial substrates. Marine Biology, 2013, 160, 1645-1660.	0.7	29
44	Fast evolutionary genetic differentiation during experimental colonizations. Journal of Genetics, 2013, 92, 183-194.	0.4	15
45	Mitochondrial DNA reveals Pleistocenic colonisation of the Mediterranean by loggerhead turtles (Caretta caretta). Journal of Experimental Marine Biology and Ecology, 2013, 439, 15-24.	0.7	42
46	Gene flow and gene flux shape evolutionary patterns of variation in Drosophila subobscura. Heredity, 2013, 110, 520-529.	1.2	33
47	Early biotic interactions among introduced and native benthic species reveal cryptic predation and shifts in larval behaviour. Marine Ecology - Progress Series, 2013, 488, 65-79.	0.9	10
48	Phylogeographic patterns of decapod crustaceans at the Atlantic–Mediterranean transition. Molecular Phylogenetics and Evolution, 2012, 62, 664-672.	1.2	59
49	From nature to the laboratory: the impact of founder effects on adaptation. Journal of Evolutionary Biology, 2012, 25, 2607-2622.	0.8	38
50	Characterization of nine polymorphic microsatellite loci for the calcareous sponge Paraleucilla magna Klautau et al. 2004 introduced to the Mediterranean Sea. Conservation Genetics Resources, 2012, 4, 403-405.	0.4	7
51	First records of the potential pest species <i>Drosophila suzukii</i> (Diptera: Drosophilidae) in Europe. Journal of Applied Entomology, 2012, 136, 139-147.	0.8	349
52	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 April 2012 – 31 May 2012. Molecular Ecology Resources, 2012, 12, 972-974.	2.2	18
53	Hsp70 protein levels and thermotolerance in <i>Drosophila subobscura</i> : a reassessment of the thermal coâ€adaptation hypothesis. Journal of Evolutionary Biology, 2012, 25, 691-700.	0.8	41
54	Tracking Invasion Histories in the Sea: Facing Complex Scenarios Using Multilocus Data. PLoS ONE, 2012, 7, e35815.	1.1	48

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55	The Genetic Content of Chromosomal Inversions across a Wide Latitudinal Gradient. PLoS ONE, 2012, 7, e51625.	1.1	19
56	From global to local genetic structuring in the red gorgonian <i>Paramuricea clavata</i> : the interplay between oceanographic conditions and limited larval dispersal. Molecular Ecology, 2011, 20, 3291-3305.	2.0	110
57	Matching genetics with oceanography: directional gene flow in a Mediterranean fish species. Molecular Ecology, 2011, 20, 5167-5181.	2.0	121
58	Effect of oceanographic barriers and overfishing on the population genetic structure of the European spiny lobster ( <i>Palinurus elephas</i> ). Biological Journal of the Linnean Society, 2011, 104, 407-418.	0.7	30
59	Genetic connectivity patterns in an endangered species: The dusky grouper (Epinephelus marginatus). Journal of Experimental Marine Biology and Ecology, 2011, 401, 126-133.	0.7	40
60	Different growth rates between loggerhead sea turtles (Caretta caretta) of Mediterranean and Atlantic origin in the Mediterranean Sea. Marine Biology, 2011, 158, 2577-2587.	0.7	60
61	MICROSATELIGHTâ€"Pipeline to Expedite Microsatellite Analysis. Journal of Heredity, 2011, 102, 247-249.	1.0	10
62	Living Together but Remaining Apart: Atlantic and Mediterranean Loggerhead Sea Turtles (Caretta) Tj ETQq0 0 0	rgBT/Over	lock 10 Tf 50
63	FISH mapping of microsatellite loci from Drosophila subobscura and its comparison to related species. Chromosome Research, 2010, 18, 213-226.	1.0	27
64	A recombination survey using microsatellites: the O chromosome of Drosophila subobscura. Genetica, 2010, 138, 795-804.	0.5	16
65	Divergent evolution of molecular markers during laboratory adaptation in Drosophila subobscura. Genetica, 2010, 138, 999-1009.	0.5	16
66	Genetic constraints for thermal coadaptation in Drosophila subobscura. BMC Evolutionary Biology, 2010, 10, 363.	3.2	27
67	Recombination and selection in the maintenance of the adaptive value of inversions. Journal of Evolutionary Biology, 2010, 23, 2709-2717.	0.8	38
68	Genetic Diversity Levels in Fishery-Exploited Spiny Lobsters of the Genus Palinurus (Decapoda:) Tj ETQq0 0 0 rgB	Г/Qyerlock	10 Tf 50 22
69	Partial thermoregulatory compensation by a rapidly evolving invasive species along a latitudinal cline. Ecology, 2009, 90, 1715-1720.	1.5	68
70	Evolutionary dynamics of molecular markers during local adaptation: a case study in Drosophila subobscura. BMC Evolutionary Biology, 2009, 9, 133.	3.2	2
71	Rapid radiation in spiny lobsters (Palinurus spp) as revealed by classic and ABC methods using mtDNA and microsatellite data. BMC Evolutionary Biology, 2009, 9, 263.	3.2	31
72	Colonization of North America by Drosophila subobscura: Ecological analysis of three communities of drosophilids in California. Journal of Zoological Systematics and Evolutionary Research, 2009, 31, 216-226.	0.6	13

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73	Isolation and characterization of microsatellite loci from the endangered Mediterranean sponge Spongia agaricina (Demospongiae: Dictyoceratida). Conservation Genetics, 2009, 10, 1895-1898.	0.8	14
74	Isolation and characterization of eight polymorphic microsatellite loci for the Mediterranean gorgonian Paramuricea clavata. Conservation Genetics, 2009, 10, 2025-2027.	0.8	10
75	Evolution of Chilean colonizing populations of DrosophilaÂsubobscura: lethal genes and chromosomal arrangements. Genetica, 2009, 136, 37-48.	0.5	16
76	Analysis of the variability of Drosophila azteca and D. athabasca populations revealed by randomly amplified polymorphic DNA. Journal of Zoological Systematics and Evolutionary Research, 2009, 35, 159-164.	0.6	17
77	Tracking the origin of an invasive species: <i> Drosophila subobscura</i> in Argentina. Journal of Evolutionary Biology, 2009, 22, 650-658.	0.8	7
78	Phylogenetic relationships between spiny, slipper and coral lobsters (Crustacea, Decapoda, Achelata). Molecular Phylogenetics and Evolution, 2009, 50, 152-162.	1.2	65
79	The influence of oceanographic fronts and early-life-history traits on connectivity among littoral fish species. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1473-1478.	3.3	263
80	Isolation of nine nuclear microsatellites in the common Mediterranean sea urchin, <i>Paracentrotus lividus</i> (Lamarck). Molecular Ecology Resources, 2009, 9, 1145-1147.	2.2	9
81	Utility of pairwise mtDNA genetic distances for predicting cross-species microsatellite amplification and polymorphism success in fishes. Conservation Genetics, 2008, 9, 181-190.	0.8	29
82	Phylogeography of the European spiny lobster (Palinurus elephas): Influence of current oceanographical features and historical processes. Molecular Phylogenetics and Evolution, 2008, 48, 708-717.	1.2	82
83	Phylogeography of the widespread marine invader <i>Microcosmus squamiger</i> (Ascidiacea) reveals high genetic diversity of introduced populations and nonâ€independent colonizations. Diversity and Distributions, 2008, 14, 818-828.	1.9	68
84	Evolutionary dynamics of molecular markers during local adaptation: a case study in Drosophila subobscura. BMC Evolutionary Biology, 2008, 8, 66.	3.2	19
85	Isolation and characterization of microsatellite loci in <i>Palinurus elephas</i> . Molecular Ecology Resources, 2008, 8, 1477-1479.	2.2	5
86	Isolation of polymorphic microsatellite loci for the marine invader <i>Microcosmus squamiger</i> (Ascidiacea). Molecular Ecology Resources, 2008, 8, 1405-1407.	2.2	4
87	Finding the relevant scale: clonality and genetic structure in a marine invertebrate (Crambe crambe,) Tj ETQq $1\ 1$	0.784314 2.0	rgBT  Overlo
88	Introduction history of <i>Drosophila subobscura</i> in the New World: a microsatelliteâ€based survey using ABC methods. Molecular Ecology, 2007, 16, 3069-3083.	2.0	138
89	Evidence for an asymmetrical size exchange of loggerhead sea turtles between the Mediterranean and the Atlantic through the Straits of Gibraltar. Journal of Experimental Marine Biology and Ecology, 2007, 349, 261-271.	0.7	57
90	High self-recruitment levels in a Mediterranean littoral fish population revealed by microsatellite markers. Marine Biology, 2007, 151, 719-727.	0.7	45

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91	The genetic structure of the loggerhead sea turtle (Caretta caretta) in the Mediterranean as revealed by nuclear and mitochondrial DNA and its conservation implications. Conservation Genetics, 2007, 8, 761-775.	0.8	87
92	A review of the Tripterygion tripteronotus (Risso, 1810) complex, with a description of a new species from the Mediterranean Sea (Teleostei: Tripterygiidae). Scientia Marina, 2007, 71, 75-86.	0.3	11
93	Characterization of 12 microsatellite markers in Serranus cabrilla (Pisces: Serranidae). Molecular Ecology Notes, 2006, 6, 204-206.	1.7	4
94	Population structure within and between subspecies of the Mediterranean triplefin fish Tripterygion delaisi revealed by highly polymorphic microsatellite loci. Molecular Ecology, 2006, 15, 3527-3539.	2.0	59
95	Genetic structuring of immature loggerhead sea turtles (Caretta caretta) in the Mediterranean Sea reflects water circulation patterns. Marine Biology, 2006, 149, 1269-1279.	0.7	122
96	Rapid radiation and cryptic speciation in mediterranean triplefin blennies (Pisces: Tripterygiidae) combining multiple genes. Molecular Phylogenetics and Evolution, 2005, 37, 751-761.	1.2	41
97	Polymorphic microsatellite loci isolated from the marine sponge Scopalina lophyropoda (Demospongiae: Halichondrida). Molecular Ecology Notes, 2005, 5, 466-468.	1.7	15
98	A TIME SERIES OF EVOLUTION IN ACTION: A LATITUDINAL CLINE IN WING SIZE IN SOUTH AMERICAN DROSOPHILA SUBOBSCURA. Evolution; International Journal of Organic Evolution, 2004, 58, 768.	1.1	12
99	Phylogeography and speciation of colour morphs in the colonial ascidian Pseudodistoma crucigaster. Molecular Ecology, 2004, 13, 3125-3136.	2.0	72
100	Isolation and characterization of microsatellite loci in Tripterygion delaisi. Molecular Ecology Notes, 2004, 4, 438-439.	1.7	10
101	A TIME SERIES OF EVOLUTION IN ACTION: A LATITUDINAL CLINE IN WING SIZE IN SOUTH AMERICAN DROSOPHILA SUBOBSCURA. Evolution; International Journal of Organic Evolution, 2004, 58, 768-780.	1.1	137
102	Low levels of genetic variation in mtDNA sequences over the western Mediterranean and Atlantic range of the sponge Crambe crambe (Poecilosclerida). Marine Biology, 2004, 144, 31-35.	0.7	113
103	Sex-ratio in natural and experimental populations of Drosophila subobscura from North America. Journal of Zoological Systematics and Evolutionary Research, 2004, 42, 33-37.	0.6	7
104	Strong population structure in the marine sponge Crambe crambe (Poecilosclerida) as revealed by microsatellite markers. Molecular Ecology, 2004, 13, 511-522.	2.0	109
105	Characterising invasion processes with genetic data: an Atlantic clade of Clavelina lepadiformis (Ascidiacea) introduced into Mediterranean harbours. Hydrobiologia, 2003, 503, 29-35.	1.0	100
106	EVOLUTIONARY PACE OF CHROMOSOMAL POLYMORPHISM IN COLONIZING POPULATIONS OF DROSOPHILA SUBOBSCURA: AN EVOLUTIONARY TIME SERIES. Evolution; International Journal of Organic Evolution, 2003, 57, 1837-1845.	1.1	89
107	EVOLUTIONARY PACE OF CHROMOSOMAL POLYMORPHISM IN COLONIZING POPULATIONS OF DROSOPHILA SUBOBSCURA: AN EVOLUTIONARY TIME SERIES. Evolution; International Journal of Organic Evolution, 2003, 57, 1837.	1.1	10
108	Characterising invasion processes with genetic data: an Atlantic clade of Clavelina lepadiformis (Ascidiacea) introduced into Mediterranean harbours., 2003,, 29-35.		1

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109	Polymorphic microsatellite loci in the sponge Crambe crambe (Porifera: Poecilosclerida) and their variation in two distant populations. Molecular Ecology Notes, 2002, 2, 478-480.	1.7	19
110	Cryptic species of Clavelina (Ascidiacea) in two different habitats: harbours and rocky littoral zones in the northwestern Mediterranean. Marine Biology, 2001, 139, 455-462.	0.7	77
111	Microsatellite Variation in Colonizing and Palearctic Populations of Drosophila subobscura. Molecular Biology and Evolution, 2001, 18, 731-740.	3.5	66
112	High Density of Long Dinucleotide Microsatellites in Drosophila subobscura. Molecular Biology and Evolution, 2000, 17, 1259-1267.	<b>3.</b> 5	36
113	GENETIC VARIATION IN THE SPREAD OF DROSOPHILA SUBOBSCURA FROM A NONEQUILIBRIUM POPULATION. Evolution; International Journal of Organic Evolution, 2000, 54, 696-703.	1.1	27
114	GENETIC VARIATION IN THE SPREAD OF DROSOPHILA SUBOBSCURA FROM A NONEQUILIBRIUM POPULATION. Evolution; International Journal of Organic Evolution, 2000, 54, 696.	1.1	1
115	Interspecific Competition in the Laboratory between Drosophila subobscura and D. azteca. American Midland Naturalist, 2000, 144, 19-27.	0.2	8
116	Brief communication. RAPD diagnosis of the obscura group species sympatric with D. subobscura in North America. Journal of Heredity, 1999, 90, 580-582.	1.0	1
117	Expression of neurotrophins in hippocampal interneurons immunoreactive for the neuropeptides somatostatin, neuropeptide-Y, vasoactive intestinal polypeptide and cholecystokinin. Neuroscience, 1999, 89, 1089-1101.	1.1	22
118	Interspecific Laboratory Competition of the Recently Sympatric Species Drosophila subobscura and Drosophila pseudoobscura. Evolution; International Journal of Organic Evolution, 1998, 52, 269.	1.1	7
119	INTERSPECIFIC LABORATORY COMPETITION OF THE RECENTLY SYMPATRIC SPECIES <i>DROSOPHILA SUBOBSCURA</i> AND <i>DROSOPHILA PSEUDOOBSCURA</i> Evolution; International Journal of Organic Evolution, 1998, 52, 269-274.	1.1	12
120	Expression of nerve growth factor and neurotrophin-3 mRNAs in hippocampal interneurons: morphological characterization, levels of expression, and colocalization of nerve growth factor and neurotrophin-3. Journal of Comparative Neurology, 1998, 395, 73-90.	0.9	2
121	Diagnosis of sibling species of Drosophila involved in the colonization of North America by D. subobscura. Molecular Ecology, 1997, 6, 293-296.	2.0	9
122	A Truncated P Element is Inserted in the Transcribed Region of the Cu, Zn Sod Gene of an Sod "Null― Strain ofDrosophila Melanogaster. Free Radical Research Communications, 1991, 12, 429-435.	1.8	4
123	Genetic changes in mating activity in laboratory strains of Drosophila subobscura. Genetica, 1990, 80, 39-43.	0.5	13