Rita Castilho

List of Publications by Year
in descending order

54 papers	2,231 citations	361413 20 h-index	223800 46 g-index
61 all docs	61 docs citations	61 times ranked	2998 citing authors

#	Article	IF	Citations
1	Pillars of Hercules: is the Atlanticâ€“Mediterranean transition a phylogeographical break?. Molecular Ecology, 2007, 16, 4426-4444.	3.9	477
2	EVALUATING SIGNATURES OF GLACIAL REFUGIA FOR NORTH ATLANTIC BENTHIC MARINE TAXA. Ecology, 2008, 89, S108-22.	3.2	470
3	Differential population structuring of two closely related fish species, the mackerel (Scomber) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 2004, 13, 1785-1798.	3.9	150
4	Mitochondrial DNA reveals a mosaic pattern of phylogeographical structure in Atlantic and Mediterranean populations of anchovy (Engraulis encrasicolus). Molecular Phylogenetics and Evolution, 2006, 39, 734-746.	2.7	117
5	Impact of mountain chains, sea straits and peripheral populations on genetic and taxonomic structure of a freshwater turtle, Mauremys leprosa (Reptilia, Testudines, Geoemydidae). Zoologica Scripta, 2006, 35, 97-108.	1.7	95
6	Thermal adaptation and clinal mitochondrial DNA variation of European anchovy. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20141093.	2.6	89
7	Genetic diversity and historical demography of Atlantic bigeye tuna (Thunnus obesus). Molecular Phylogenetics and Evolution, 2006, 39, 404-416.	2.7	65
8	Meta-analysis of northeast Atlantic marine taxa shows contrasting phylogeographic patterns following post-LGM expansions. PeerJ, 2018, 6, e5684.	2.0	61
9	Patterns of Cladogenesis in the Venomous Marine Gastropod Genus Conus from the Cape Verde Islands. Systematic Biology, 2005, 54, 634-650.	5.6	52
10	Life in a drop: Sampling environmental DNA for marine fishery management and ecosystem monitoring. Marine Policy, 2021, 124, 104331.	3.2	52
11	Population structure and connectivity of the European conger eel (Conger conger) across the north-eastern Atlantic and western Mediterranean: integrating molecular and otolith elemental approaches. Marine Biology, 2012, 159, 1509-1525.	1.5	36
12	Anchovies go north and west without losing diversity: postâ€glacial range expansions in a small pelagic fish. Journal of Biogeography, 2014, 41, 1171-1182.	3.0	36
13	Northern refugia and recent expansion in the North Sea: the case of the wrasse Symphodus melops (Linnaeus, 1758). Ecology and Evolution, 2012, 2, 153-164.	1.9	32
14	Replaying the tape: recurring biogeographical patterns in Cape Verde Conus after 12 million years. Molecular Ecology, 2008, 17, 885-901.	3.9	31
15	Phylogenetic relationships of the North-eastern Atlantic and Mediterranean forms of Atherina (Pisces, Atherinidae). Molecular Phylogenetics and Evolution, 2008, 48, 782-788.	2.7	31
16	Population structure of seabass in Portugal: evidence from allozymes. Journal of Fish Biology, 1998, 53, 1038-1049.	1.6	25
17	Phylogeography and demographic history of Atherina presbyter (Pisces: Atherinidae) in the North-eastern Atlantic based on mitochondrial DNA. Marine Biology, 2009, 156, 1421-1432.	1.5	24
18	Intraspecific genetic lineages of a marine mussel show behavioural divergence and spatial segregation over a tropical/subtropical biogeographic transition. BMC Evolutionary Biology, 2015, 15, 100.	3.2	24

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19	Genetic differentiation between close eastern Mediterranean Dicentrarchus labrax (L.) populations. Journal of Fish Biology, 2005, 67, 1746-1752.	1.6	23
20	Molecular and functional characterization of a cDNA encoding 4-hydroxy-3-methylbut-2-enyl diphosphate reductase from Dunaliella salina. Journal of Plant Physiology, 2009, 166, 968-977.	3.5	20
21	Ancient Divergence in the Trans-Oceanic Deep-Sea Shark Centroscymnus crepidater. PLoS ONE, 2012, 7, e49196.	2.5	18
22	Unexpected High Genetic Diversity at the Extreme Northern Geographic Limit of Taurulus bubalis (Euphrasen, 1786). PLoS ONE, 2012, 7, e44404.	2.5	18
23	Three in Oneâ€"Multiple Faunal Elements within an Endangered European Butterfly Species. PLoS ONE, 2015, 10, e0142282.	2.5	18
24	More polymorphic microsatellite markers in the European sea bass (Dicentrarchus labrax L.). Molecular Ecology Notes, 2002, 2, 575-576.	1.7	17
25	Comparative phylogeography of northwest African Natrix maura (Serpentes: Colubridae) inferred from mtDNA sequences. African Zoology, 2008, 43, 1-7.	0.4	16
26	Behind the mask: cryptic genetic diversity ofMytilus galloprovincialisalong southern European and northern African shores. Journal of Molluscan Studies, 2015, 81, 380-387.	1.2	16
27	Rare coral under the genomic microscope: timing and relationships among Hawaiian Montipora. BMC Evolutionary Biology, 2019, 19, 153.	3.2	16
28	Age and growth of megrim Lepidorhombus boscii, Risso of the Portuguese continental coast. Fisheries Research, 1993, 16, 339-346.	1.7	15
29	Genetic structure of Brachidontes puniceus populations in Cape Verde archipelago shows signature of expansion during the last glacial maximum. Journal of Molluscan Studies, 2011, 77, 175-181.	1.2	15
30	Morphological and mitochondrial DNA divergence validates blackmouth, Galeus melastomus, and Atlantic sawtail catsharks, Galeus atlanticus, as separate species. Journal of Fish Biology, 2007, 70, 346-358.	1.6	14
31	Evolution at a Different Pace: Distinctive Phylogenetic Patterns of Cone Snails from Two Ancient Oceanic Archipelagos. Systematic Biology, 2014, 63, 971-987.	5.6	14
32	Drivers of Cape Verde archipelagic endemism in keyhole limpets. Scientific Reports, 2017, 7, 41817.	3.3	14
33	Establishment of a coastal fish in the Azores: recent colonisation or sudden expansion of an ancient relict population?. Heredity, 2015, 115, 527-537.	2.6	13
34	Fuzzy species limits in Mediterranean gorgonians (Cnidaria, Octocorallia): inferences on speciation processes. Zoologica Scripta, 2017, 46, 767-778.	1.7	12
35	Habitat suitability modelling of four terrestrial slug species in the Iberian Peninsula (Arionidae:Geomalacusspecies). Journal of Molluscan Studies, 2015, 81, 427-434.	1.2	11
36	Genetic implications of phylogeographical patterns in the conservation of the boreal wetland butterflyColias palaeno(Pieridae). Biological Journal of the Linnean Society, 2016, 119, 1068-1081.	1.6	11

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37	Are local extinctions and recolonizations continuing at the colder limits of marine fish distributions? Halobatrachus didactylus (Bloch & Schneider, 1801), a possible candidate. Marine Biology, 2013, 160, 2461-2467.	1.5	10
38	Against all odds: a tale of marine range expansion with maintenance of extremely high genetic diversity. Scientific Reports, 2020, 10, 12707.	3.3	9
39	Genetic evidence fails to discriminate between Macroramphosus gracilis Lowe 1839 and Macroramphosus scolopax Linnaeus 1758 in Portuguese waters. Marine Biology, 2009, 156, 1733-1737.	1.5	8
40	Salamandra salamandra (Amphibia: Caudata: Salamandridae) in Portugal: not all black and yellow. Genetica, 2011, 139, 1095-1105.	1.1	6
41	Different diversity-dependent declines in speciation rate unbalances species richness in terrestrial slugs. Scientific Reports, 2017, 7, 16198.	3.3	6
42	Congruence between starch gel and polyacrylamide gel electrophoresis in detecting allozyme variation in pulmonate land slugs. Electrophoresis, 2003, 24, 622-627.	2.4	5
43	Genetic homogeneity in the deep-sea grenadier Macrourus berglax across the North Atlantic Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 132, 60-67.	1.4	5
44	Asymmetrical dispersal and putative isolation-by-distance of an intertidal blenniid across the Atlanticâ€“Mediterranean divide. PeerJ, 2017, 5, e3195.	2.0	5
45	Taxonomic and population genetic re-interpretation of two color morphs of the decollate snail, Rumina decollata (Mollusca, Pulmonata) in southern France. Genetica, 2013, 141, 281-292.	1.1	4
46	Invasion genetics of the mummichog (Fundulus heteroclitus): recent anthropogenic introduction in Iberia. PeerJ, 2019, 7, e6155.	2.0	4
47	Wandering behaviour prevents inter and intra oceanic speciation in a coastal pelagic fish. Scientific Reports, 2017, 7, 2893.	3.3	3
48	Genetic population structure of the Blackspot seabream (Pagellus bogaraveo): contribution of mtDNA control region to fisheries management. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2021, 32, 115-119.	0.7	3
49	Genetic hypervariability of a Northeastern Atlantic venomous rockfish. PeerJ, 2021, 9, e11730.	2.0	3
50	High unexpected genetic diversity of a narrow endemic terrestrial mollusc. PeerJ, 2017, 5, e3069.	2.0	3
51	GeomalacusandLetourneuxia(Mollusca, Pulmonata): A Cytogenetic Assessment. Malacologia, 2013, 56, 333-338.	0.4	2
52	The paradox of retained genetic diversity of Hippocampus guttulatus in the face of demographic decline. Scientific Reports, 2021, 11, 10434.	3.3	1
53	Population structure of seabass in Portugal: evidence from allozymes. Journal of Fish Biology, 1998, 53, 1038-1049.	1.6	1
54	The European anchovy, a genetically highly diverse species displays null within-sample haplotype diversity on a single study?. Mitochondrial DNA Part B: Resources, 2016, 1, 60-61.	0.4	0