

Maria Manuela Coelho

List of Publications by Year in descending order

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papers

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147566

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docs citations

95
times ranked

2791
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution in action through hybridisation and polyploidy in an Iberian freshwater fish: a genetic review. <i>Genetica</i> , 2001, 111, 375-385.	0.5	190
2	Phylogenetic Relationships within Genus <i>Leuciscus</i> (Pisces, Cyprinidae) in Portuguese Fresh Waters, Based on Mitochondrial DNA Cytochrome b Sequences. <i>Molecular Phylogenetics and Evolution</i> , 1997, 8, 435-442.	1.2	97
3	Dosage Compensation by Gene-Copy Silencing in a Triploid Hybrid Fish. <i>Current Biology</i> , 2008, 18, 1344-1348.	1.8	79
4	Title is missing!. <i>Hydrobiologia</i> , 2000, 435, 167-175.	1.0	78
5	Seascape Genetics of a Globally Distributed, Highly Mobile Marine Mammal: The Short-Beaked Common Dolphin (Genus <i>Delphinus</i>). <i>PLoS ONE</i> , 2012, 7, e31482.	1.1	75
6	Introgressive hybridization between two Iberian endemic cyprinid fish: a comparison between two independent hybrid zones. <i>Journal of Evolutionary Biology</i> , 2010, 23, 817-828.	0.8	71
7	Phylogenetic structure of <i>Zacco platypus</i> (Teleostei, Cyprinidae) populations on the upper and middle Chang Jiang (=Yangtze) drainage inferred from cytochrome b sequences. <i>Molecular Phylogenetics and Evolution</i> , 2004, 31, 192-203.	1.2	69
8	Production of Fertile Unreduced Sperm by Hybrid Males of the <i>Rutilus alburnoides</i> Complex (Teleostei, Cyprinidae): An Alternative Route to Genome Tetraploidization in Unisexuals. <i>Genetics</i> , 1999, 151, 277-283.	1.2	66
9	Phylogeography of the cyprinid <i>Squalius aradensis</i> and implications for conservation of the endemic freshwater fauna of southern Portugal. <i>Molecular Ecology</i> , 2005, 14, 1939-1954.	2.0	64
10	Microsatellite analysis of genetic population structure of the endangered cyprinid <i>Anaocypris hispanica</i> in Portugal: implications for conservation. <i>Biological Conservation</i> , 2003, 109, 47-56.	1.9	63
11	Hybrid Speciation in a Marine Mammal: The Clymene Dolphin (<i>Stenella clymene</i>). <i>PLoS ONE</i> , 2014, 9, e83645.	1.1	50
12	Mitochondrial DNA variation in the highly endangered cyprinid fish <i>Anaocypris hispanica</i> : importance for conservation. <i>Heredity</i> , 2001, 87, 463-473.	1.2	47
13	Phylogeographical insights into the origins of the <i>Squalius alburnoides</i> complex via multiple hybridization events. <i>Molecular Ecology</i> , 2004, 13, 2807-2817.	2.0	47
14	Genetic variation and divergence of <i>Leuciscus pyrenaicus</i> and <i>L. carolitertii</i> (Pisces, Cyprinidae). <i>Journal of Fish Biology</i> , 1995, 47, 243-258.	0.7	45
15	Simultaneous production of triploid and haploid eggs by triploid <i>Squalius alburnoides</i> (Teleostei: Cyprinidae). <i>Journal of Heredity</i> , 2010, 101, 552-558.	1.3	45
16	Species tree of a recent radiation: The subfamily Delphininae (Cetacea, Mammalia). <i>Molecular Phylogenetics and Evolution</i> , 2012, 64, 243-253.	1.2	45
17	Population divergence with or without admixture: selecting models using an ABC approach. <i>Heredity</i> , 2012, 108, 521-530.	1.2	44
18	Influences of past climatic changes on historical population structure and demography of a cosmopolitan marine predator, the common dolphin (genus <i>Delphinus</i>). <i>Molecular Ecology</i> , 2012, 21, 4854-4871.	2.0	43

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19	River basin-related genetic structuring in an endangered fish species, <i>Chondrostoma lusitanicum</i> , based on mtDNA sequencing and RFLP analysis. <i>Heredity</i> , 2001, 86, 253-264.	1.2	42
20	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 February 2012 – 31 March 2012. <i>Molecular Ecology Resources</i> , 2012, 12, 779-781.	2.2	42
21	Transcriptome profiling of two Iberian freshwater fish exposed to thermal stress. <i>Journal of Thermal Biology</i> , 2016, 55, 54-61.	1.1	42
22	Mitochondrial diversity of <i>Opsariichthys bidens</i> (Teleostei, Cyprinidae) in three Chinese drainages. <i>Molecular Phylogenetics and Evolution</i> , 2005, 37, 920-927.	1.2	41
23	Speciation towards tetraploidization after intermediate processes of non-sexual reproduction. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 2921-2929.	1.8	41
24	Population Structure of a Cave-Dwelling Bat, <i>Miniopterus schreibersii</i> : Does It Reflect History and Social Organization?. <i>Journal of Heredity</i> , 2009, 100, 533-544.	1.0	41
25	Mitochondrial DNA variation and population structure of the island endemic Azorean bat (<i>Nyctalus</i>) Tj ETQq1 1 0.784314 rgBT/Overl	2.0	40
26	Molecular barcoding of north-east Atlantic deep-water sharks: species identification and application to fisheries management and conservation. <i>Marine and Freshwater Research</i> , 2008, 59, 214.	0.7	40
27	Natural Pathways towards Polyploidy in Animals: The <i>Squalius alburnoides</i> Fish Complex as a Model System to Study Genome Size and Genome Reorganization in Polyploids. <i>Cytogenetic and Genome Research</i> , 2013, 140, 97-116.	0.6	39
28	Contrasting views over a hybrid complex: Between speciation and evolutionary ‘dead-end’. <i>Gene</i> , 2005, 347, 283-294.	1.0	38
29	Genetic divergence and phylogeography in the genus <i>Nyctalus</i> (Mammalia, Chiroptera): implications for population history of the insular bat <i>Nyctalus azoreum</i> . <i>Genetica</i> , 2007, 130, 169-181.	0.5	38
30	New insights on population genetic structure of <i>Delphinus delphis</i> from the northeast Atlantic and phylogenetic relationships within the genus inferred from two mitochondrial markers. <i>Marine Biology</i> , 2007, 151, 1967-1976.	0.7	37
31	Metabolic rate and thermal tolerance in two congeneric Amazon fishes: <i>Paracheirodon axelrodi</i> Schultz, 1956 and <i>Paracheirodon simulans</i> Göry, 1963 (Characidae). <i>Hydrobiologia</i> , 2017, 789, 133-142.	1.0	33
32	A first approach to the usefulness of cytochrome c oxidase I barcodes in the identification of closely related delphinid cetacean species. <i>Marine and Freshwater Research</i> , 2007, 58, 505.	0.7	31
33	Isolation and characterization of polymorphic microsatellite loci in the endangered Portuguese freshwater fish <i>Squalius aradensis</i> (Cyprinidae). <i>Molecular Ecology Notes</i> , 2003, 3, 572-574.	1.7	30
34	Comparative phylogeography of endemic cyprinids in the south-west Iberian Peninsula: evidence for a new ichthyogeographic area. <i>Journal of Fish Biology</i> , 2007, 71, 45-75.	0.7	30
35	Expression pattern of anti-Müllerian hormone (amh) in the hybrid fish complex of <i>Squalius alburnoides</i> . <i>Gene</i> , 2008, 410, 249-258.	1.0	30
36	Modes of reproduction of the hybridogenetic fish <i>Squalius alburnoides</i> in the Tejo and Guadiana rivers: An approach with microsatellites. <i>Zoology</i> , 2006, 109, 277-286.	0.6	29

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37	Genetic structure and signature of population decrease in the critically endangered freshwater cyprinid <i>Chondrostoma lusitanicum</i> . <i>Conservation Genetics</i> , 2008, 9, 791-805.	0.8	29
38	Spatial Variation in Fish Assemblages across small Mediterranean Drainages: Effects of Habitat and Landscape Context. <i>Environmental Biology of Fishes</i> , 2006, 77, 105-120.	0.4	28
39	Tropical specialist vs. climate generalist: Diversification and demographic history of sister species of <i>Carlia</i> skinks from northwestern Australia. <i>Molecular Ecology</i> , 2017, 26, 4045-4058.	2.0	25
40	Cranial shape differentiation in three closely related delphinid cetacean species: Insights into evolutionary history. <i>Zoology</i> , 2009, 112, 38-47.	0.6	22
41	Conservation genetics of a critically endangered Iberian minnow: evidence of population decline and extirpations. <i>Animal Conservation</i> , 2010, 13, 162-171.	1.5	22
42	The evolutionary history of the allopolyploid <i>Squalius alburnoides</i> (Cyprinidae) complex in the northern Iberian Peninsula. <i>Heredity</i> , 2011, 106, 100-112.	1.2	22
43	Cytogenetic analysis of <i>Anaecypris hispanica</i> and its relationship with the paternal ancestor of the diploid-polyploid <i>Squalius alburnoides</i> complex. <i>Genome</i> , 2006, 49, 1621-1628.	0.9	20
44	Effects of an extreme flash flood on the native fish assemblages across a Mediterranean catchment. <i>Fisheries Management and Ecology</i> , 2008, 15, 49-58.	1.0	20
45	Migration patterns counteract seasonal isolation of <i>Squalius torgalensis</i> , a critically endangered freshwater fish inhabiting a typical Circum-Mediterranean small drainage. <i>Conservation Genetics</i> , 2010, 11, 1859-1870.	0.8	19
46	Population genetic structure in the Iberian cyprinid fish <i>Iberochondrostoma lemmingii</i> (Steindachner). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf Linnean Society</i> , 2012, 105, 559-572.	0.7	19
47	Fish diversification at the pace of geomorphological changes: evolutionary history of western Iberian Leuciscinae (Teleostei: Leuciscidae) inferred from multilocus sequence data. <i>Molecular Phylogenetics and Evolution</i> , 2019, 133, 263-285.	1.2	19
48	Global Analysis of the Small RNA Transcriptome in Different Ploidies and Genomic Combinations of a Vertebrate Complex – The <i>Squalius alburnoides</i> . <i>PLoS ONE</i> , 2012, 7, e41158.	1.1	19
49	Sex Determination in the <i>Squalius alburnoides</i> Complex: An Initial Characterization of Sex Cascade Elements in the Context of a Hybrid Polyploid Genome. <i>PLoS ONE</i> , 2009, 4, e6401.	1.1	18
50	Body shape evolution among ploidy levels of the <i>Squalius alburnoides</i> hybrid complex (Teleostei, Cyprinidae). <i>Journal of Evolutionary Biology</i> , 2009, 22, 718-728.	0.8	18
51	Different ecophysiological responses of freshwater fish to warming and acidification. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2018, 216, 34-41.	0.8	18
52	Diploidsv. triploids of <i>Rutilus alburnoides</i> : spatial segregation and morphological differences. <i>Journal of Fish Biology</i> , 1998, 52, 817-828.	0.7	18
53	Biometrical analysis of <i>Chondrostoma polylepis</i> x <i>Rutilus arcasi</i> natural hybrids (Osteichthyes-Cypriniformes-Cyprinidae). <i>Journal of Fish Biology</i> , 1983, 23, 495-509.	0.7	17
54	Riparian ecotones and spatial variation of fish assemblages in Portuguese lowland streams. <i>Hydrobiologia</i> , 1995, 303, 93-101.	1.0	17

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55	Reconfirming the hybrid origin and generic status of the Iberian cyprinid complex <i>Squalius alburnoides</i> . <i>Journal of Fish Biology</i> , 2010, 76, 707-715.	0.7	17
56	Different levels of hsp70 and hsc70 mRNA expression in Iberian fish exposed to distinct river conditions. <i>Genetics and Molecular Biology</i> , 2013, 36, 061-069.	0.6	17
57	Comparative phylogeography of <i>Zacco platypus</i> and <i>Opsariichthys bidens</i> (Teleostei, Cyprinidae) in China based on cytochrome b sequences. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2006, 44, 330-338.	0.6	16
58	Gene flow and population structure of the endemic Azorean bat (<i>Nyctalus azoreum</i>) based on microsatellites: implications for conservation. <i>Conservation Genetics</i> , 2008, 9, 1163-1171.	0.8	16
59	Divergent evolution of molecular markers during laboratory adaptation in <i>Drosophila subobscura</i> . <i>Genetica</i> , 2010, 138, 999-1009.	0.5	16
60	Understanding the mechanisms of antitropical divergence in the seabird <i>Wedge-tailed Shearwater</i> (<i>Pterodroma rostrata</i>) using a multilocus approach. <i>Molecular Ecology</i> , 2015, 24, 3122-3137.	2.0	15
61	Protein analysis and gene expression indicate differential vulnerability of Iberian fish species under a climate change scenario. <i>PLoS ONE</i> , 2017, 12, e0181325.	1.1	15
62	Gene Expression Dosage Regulation in an Allopolyploid Fish. <i>PLoS ONE</i> , 2015, 10, e0116309.	1.1	14
63	Anonymous nuclear markers for cetacean species. <i>Conservation Genetics</i> , 2010, 11, 1143-1146.	0.8	13
64	Gene expression regulation and lineage evolution: the North and South tale of the hybrid polyploid <i>Squalius alburnoides</i> complex. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3519-3525.	1.2	13
65	Multi-locus species tree of the chub genus <i>Squalius</i> (Leuciscinae: Cyprinidae) from western Iberia: new insights into its evolutionary history. <i>Genetica</i> , 2011, 139, 1009-1018.	0.5	13
66	Non-canonical expression patterns and evolutionary rates of sex-biased genes in a seasonal fish. <i>Molecular Reproduction and Development</i> , 2016, 83, 1102-1115.	1.0	13
67	Signature of adaptive evolution in olfactory receptor genes in <i>Cory's Shearwater</i> supports molecular basis for smell in procellariiform seabirds. <i>Scientific Reports</i> , 2020, 10, 543.	1.6	13
68	Genetic structure of the diploid-polyploid fish <i>Squalius alburnoides</i> in southern Iberian basins Tejo and Guadiana, based on microsatellites. <i>Journal of Fish Biology</i> , 2007, 71, 423-436.	0.7	12
69	Anonymous Nuclear Loci in the White-Faced Storm-Petrel <i>Pelagodroma marina</i> and Their Applicability to Other Procellariiform Seabirds. <i>Journal of Heredity</i> , 2011, 102, 362-365.	1.0	10
70	Redistribution of the geographical ranges of the Iberian cyprinid genus <i>Pseudochondrostoma</i> based on a phylogenetic analysis: implications for the historical rearrangements of the northwestern Iberian drainages. <i>Journal of Fish Biology</i> , 2009, 74, 1337-1346.	0.7	9
71	Ploidy mosaicism and allele-specific gene expression differences in the allopolyploid <i>Squalius alburnoides</i> . <i>BMC Genetics</i> , 2011, 12, 101.	2.7	9
72	Gene copy silencing and DNA methylation in natural and artificially produced allopolyploid fish. <i>Journal of Experimental Biology</i> , 2016, 219, 3072-3081.	0.8	9

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73	Mechanisms of global diversification in the marine species Madeiran Storm-petrel <i>Oceanodroma castro</i> and Monteiro's Storm-petrel <i>O. monteiroi</i> : Insights from a multi-locus approach. <i>Molecular Phylogenetics and Evolution</i> , 2016, 98, 314-323.	1.2	8
74	Novel Method for Analysis of Allele Specific Expression in Triploid <i>Oryzias latipes</i> Reveals Consistent Pattern of Allele Exclusion. <i>PLoS ONE</i> , 2014, 9, e100250.	1.1	7
75	Evolution of 2 Reproductive Proteins, ZP3 and PKDREJ, in Cetaceans. <i>Journal of Heredity</i> , 2011, 102, 275-282.	1.0	6
76	Genomic Resources Notes Accepted 1 June 2015 - 31 July 2015. <i>Molecular Ecology Resources</i> , 2015, 15, 1510-1512.	2.2	6
77	Seasonal changes in fish community structure of intermittent streams in the middle reaches of the Guadiana basin, Portugal. <i>Journal of Fish Biology</i> , 1999, 54, 235-249.	0.7	6
78	LOW GENETIC VARIABILITY OF THE WIDESPREAD AMPHIPOD <i>GAMMARUS LOCUSTA</i> , AS EVIDENCED BY ALLOZYME ELECTROPHORESIS OF SOUTHERN EUROPEAN POPULATIONS. <i>Crustaceana</i> , 2002, 75, 1335-1348.	0.1	5
79	Evidence for Hermaphroditism in the <i>Squalius alburnoides</i> Allopolyploid Fish Complex. <i>Sexual Development</i> , 2010, 4, 170-175.	1.1	5
80	Assessing inter-drainage connections: patterns of genetic diversity in an Iberian cyprinid fish. <i>Biological Journal of the Linnean Society</i> , 2013, 109, 656-669.	0.7	5
81	Allele-specific expression variation at different ploidy levels in <i>Squalius alburnoides</i> . <i>Scientific Reports</i> , 2019, 9, 3688.	1.6	5
82	An easier method to identify the individual genomic composition of allopolyploid complexes. <i>Journal of Fish Biology</i> , 2010, 76, 1995-2001.	0.7	4
83	Genomic Resources Notes accepted 1 April 2015 - 31 May 2015. <i>Molecular Ecology Resources</i> , 2015, 15, 1256-1257.	2.2	4
84	Evolutionary adaptations by fish to ecotonal complexity in spatially variable landscapes: a perspective. <i>Hydrobiologia</i> , 1995, 303, 223-228.	1.0	3
85	Genetic structure of the Iberian chub, <i>Leuciscus pyrenaicus</i> , in the Tejo drainage. , 1999, 392, 169-178.		3
86	Anonymous nuclear loci in Madeiran storm-petrel <i>Oceanodroma castro</i> (Procellariiformes). <i>Molecular Ecology Resources</i> , 2012, 4, 1093-1095.	0.4	3
87	Adaptation and convergence in circadian-related genes in Iberian freshwater fish. <i>Bmc Ecology and Evolution</i> , 2021, 21, 38.	0.7	3
88	The genetics of maintenance of an all-male lineage in the <i>Squalius alburnoides</i> complex. <i>Journal of Fish Biology</i> , 2002, 60, 649-662.	0.7	2
89	Genomic data and multi-species demographic modelling uncover past hybridization between currently allopatric freshwater species. <i>Heredity</i> , 2021, 127, 401-412.	1.2	2
90	Reassessment of the generic position of the Iberian cyprinid <i>alburnoides</i> complex: its return to the genus <i>Leuciscus</i> . <i>Journal of Fish Biology</i> , 1999, 54, 465-468.	0.7	2

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91	First records of the Vettonian spined loach <i>Cobitis vettonica</i> in Portugal with update on its Iberian distribution. <i>Fishes in Mediterranean Environments</i> , 0, , .	0.0	2
92	Lack of gene flow between the insular bat, <i>Nyctalus azoreum</i> and its mainland ancestor <i>Nyctalus leisleri</i> (Vespertilionidae, Chiroptera): evidence from microsatellites. <i>Folia Zoologica</i> , 2010, 59, 26-34.	0.9	1
93	Phylogenetic relationships of Eurasian and American cyprinids using cytochrome b sequences. <i>Journal of Fish Biology</i> , 2002, 61, 929-944.	0.7	1