

Ana Verissimo

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,034
citations

430874

18
h-index

477307

29
g-index

52
all docs

52
docs citations

52
times ranked

1651
citing authors

#	ARTICLE	IF	CITATIONS
1	A global perspective on the trophic geography of sharks. <i>Nature Ecology and Evolution</i> , 2018, 2, 299-305.	7.8	95
2	Global population structure of the spiny dogfish <i>Squalus acanthias</i> , a temperate shark with an antitropical distribution. <i>Molecular Ecology</i> , 2010, 19, 1651-1662.	3.9	71
3	Recurrent gene loss correlates with the evolution of stomach phenotypes in gnathostome history. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132669.	2.6	65
4	The influence of corneocyte structure on the interpretation of permeation profiles of nanoparticles across skin. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 260, 119-123.	1.4	57
5	World without borders—genetic population structure of a highly migratory marine predator, the blue shark (<i>Prionace glauca</i>). <i>Ecology and Evolution</i> , 2017, 7, 4768-4781.	1.9	51
6	Revision of the genus <i>Centrophorus</i> (Squaliformes: Centrophoridae): Part 1—Redescription of <i>Centrophorus granulosus</i> (Bloch & Schneider), a senior synonym of <i>C. acus</i> Garman and <i>C. niukang</i> Teng. <i>Zootaxa</i> , 2013, 3752, 35-72.	0.5	42
7	Population structure of a deep-water squaloid shark, the Portuguese dogfish (<i>Centroscymnus</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10 2.5 40	2.5	40
8	The Pillars of Hercules as a bathymetric barrier to gene flow promoting isolation in a global deep-sea shark (<i>Centroscymnus coelolepis</i>). <i>Molecular Ecology</i> , 2015, 24, 6061-6079.	3.9	39
9	Nuclear microscopy: A tool for imaging elemental distribution and percutaneous absorption in vivo. <i>Microscopy Research and Technique</i> , 2007, 70, 302-309.	2.2	36
10	Reproductive biology and embryonic development of <i>Centroscymnus coelolepis</i> in Portuguese mainland waters. <i>ICES Journal of Marine Science</i> , 2003, 60, 1335-1341.	2.5	34
11	Genetic population structure and connectivity in a commercially exploited and wide-ranging deepwater shark, the leafscale gulper (<i>Centrophorus squamosus</i>). <i>Marine and Freshwater Research</i> , 2012, 63, 505.	1.3	33
12	Out of the Canals: A Draft Genome Assembly, Liver Transcriptome, and Nutrigenomics of the European Sardine, <i>Sardina pilchardus</i> . <i>Genes</i> , 2018, 9, 485.	2.4	30
13	Skin morphology and layer identification using different STIM geometries. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005, 231, 292-299.	1.4	28
14	Frequency of Multiple Paternity in the Spiny Dogfish <i>Squalus acanthias</i> in the Western North Atlantic. <i>Journal of Heredity</i> , 2011, 102, 88-93.	2.4	28
15	A tale of two seas: contrasting patterns of population structure in the small-spotted catshark across Europe. <i>Royal Society Open Science</i> , 2014, 1, 140175.	2.4	28
16	Species diversity of the deep-water gulper sharks (Squaliformes: Centrophoridae:Centrophorus) in North Atlantic waters - current status and taxonomic issues. <i>Zoological Journal of the Linnean Society</i> , 2014, 172, 803-830.	2.3	28
17	Comparative assessment of range-wide patterns of genetic diversity and structure with SNPs and microsatellites: A case study with Iberian amphibians. <i>Ecology and Evolution</i> , 2020, 10, 10353-10363.	1.9	23
18	Cartilaginous fishes offer unique insights into the evolution of the nuclear receptor gene repertoire in gnathostomes. <i>General and Comparative Endocrinology</i> , 2020, 295, 113527.	1.8	22

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19	Molecular diversity and distribution of eastern Atlantic and Mediterranean dogfishes <i>Squalus</i> highlight taxonomic issues in the genus. <i>Zoologica Scripta</i> , 2017, 46, 414-428.	1.7	21
20	Phylogenetic analysis of apicomplexan parasites infecting commercially valuable species from the North-East Atlantic reveals high levels of diversity and insights into the evolution of the group. <i>Parasites and Vectors</i> , 2018, 11, 63.	2.5	21
21	Conservation planning for adaptive and neutral evolutionary processes. <i>Journal of Applied Ecology</i> , 2020, 57, 2159-2169.	4.0	20
22	A new record of <i>Callinectes sapidus</i> in a western European estuary (Portuguese coast). <i>Marine Biodiversity Records</i> , 2014, 7, .	1.2	16
23	The Origin and Diversity of Cpt1 Genes in Vertebrate Species. <i>PLoS ONE</i> , 2015, 10, e0138447.	2.5	16
24	Population genomics and phylogeography of a benthic coastal shark (<i>Scyliorhinus canicula</i>) using 2b-RAD single nucleotide polymorphisms. <i>Biological Journal of the Linnean Society</i> , 2019, 126, 289-303.	1.6	15
25	Forensic reconstruction of <i>Ictalurus punctatus</i> invasion routes using on-line fishermen records. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2017, , 56.	1.1	14
26	A haplotype-resolved draft genome of the European sardine (<i>Sardina pilchardus</i>). <i>GigaScience</i> , 2019, 8, .	6.4	14
27	Evaluating surrogates of genetic diversity for conservation planning. <i>Conservation Biology</i> , 2021, 35, 634-642.	4.7	13
28	Full westward expansion of <i>Rutilus rutilus</i> (Linnaeus, 1758) in the Iberian Peninsula. <i>Journal of Applied Ichthyology</i> , 2014, 30, 540-542.	0.7	12
29	An Ancient, MHC-Linked, Nonclassical Class I Lineage in Cartilaginous Fish. <i>Journal of Immunology</i> , 2020, 204, 892-902.	0.8	12
30	Phylogenetic evidence for an ancestral coevolution between a major clade of coccidian parasites and elasmobranch hosts. <i>Systematic Parasitology</i> , 2018, 95, 367-371.	1.1	10
31	The fatty acid elongation genes <i>elovl4a</i> and <i>elovl4b</i> are present and functional in the genome of tambaqui (<i>Colossoma macropomum</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 245, 110447.	1.6	9
32	Using skin to assess iron accumulation in human metabolic disorders. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006, 249, 697-701.	1.4	7
33	Infection of the lesser spotted dogfish with <i>Proleptus obtusus</i> Dujardin, 1845 (Nematoda: Spirurida) reflects ontogenetic feeding behaviour and seasonal differences in prey availability. <i>Acta Parasitologica</i> , 2017, 62, 471-476.	1.1	7
34	A resource for sustainable management: De novo assembly and annotation of the liver transcriptome of the Atlantic chub mackerel, <i>Scomber colias</i> . <i>Data in Brief</i> , 2018, 18, 276-284.	1.0	7
35	Nowhere to swim to: climate change and conservation of the relict Dades trout <i>Salmo multipunctata</i> in the High Atlas Mountains, Morocco. <i>Oryx</i> , 2018, 52, 627-635.	1.0	7
36	Low impact of different SNP panels from two building-loci pipelines on RAD-Seq population genomic metrics: case study on five diverse aquatic species. <i>BMC Genomics</i> , 2021, 22, 150.	2.8	7

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37	A Highly Complex, MHC-Linked, 350 Million-Year-Old Shark Nonclassical Class I Lineage. <i>Journal of Immunology</i> , 2021, 207, 824-836.	0.8	7
38	De novo assembly of the kidney and spleen transcriptomes of the cosmopolitan blue shark, <i>Prionace glauca</i> . <i>Marine Genomics</i> , 2018, 37, 50-53.	1.1	6
39	Strong genetic isolation despite wide distribution in a commercially exploited coastal shark. <i>Hydrobiologia</i> , 2019, 838, 121-137.	2.0	6
40	Cartilaginous fish class II genes reveal unprecedented old allelic lineages and confirm the late evolutionary emergence of DM. <i>Molecular Immunology</i> , 2020, 128, 125-138.	2.2	6
41	The complete mitochondrial genome of the deep-water cartilaginous fish <i>Hydrolagus affinis</i> (de Brito Capello, 1868) (Holocephali: Chimaeridae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 1810-1812.	0.4	5
42	Revision of the genus <i>Centrophorus</i> (Squaliformes: Centrophoridae): Part 3 – Redescription of <i>Centrophorus uyato</i> (Rafinesque) with a discussion of its complicated nomenclatural history. <i>Zootaxa</i> , 2022, 5155, 1-51.	0.5	5
43	Historical biogeography of smoothhound sharks (genus <i>Mustelus</i>) of Southern Africa reveals multiple dispersal events from the Northern Hemisphere. <i>Systematics and Biodiversity</i> , 2020, 18, 633-645.	1.2	4
44	Transcriptomic response of the intertidal limpet <i>Patella vulgata</i> to temperature extremes. <i>Journal of Thermal Biology</i> , 2021, 101, 103096.	2.5	4
45	Isolation and characterization of ten nuclear microsatellite loci for the Portuguese dogfish <i>Centroscymnus coelolepis</i> . <i>Conservation Genetics Resources</i> , 2011, 3, 299-301.	0.8	3
46	A genome assembly of the Atlantic chub mackerel (<i>Scomber colias</i>): a valuable teleost fishing resource. <i>GigaByte</i> , 0, 2022, 1-21.	0.0	3
47	Shedding light on the Chimaeridae taxonomy: the complete mitochondrial genome of the cartilaginous fish <i>Hydrolagus mirabilis</i> (Collett, 1904) (Holocephali: Chimaeridae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 420-422.	0.4	2
48	Range-wide genomic scans and tests for selection identify non-neutral spatial patterns of genetic variation in a non-model amphibian species (<i>Pelobates cultripes</i>). <i>Conservation Genetics</i> , 2022, 23, 387-400.	1.5	2
49	The complete mitochondrial genome of the endemic Iberian pygmy skate <i>Neoraja iberica</i> Stehmann, Sret, Costa, & Baro 2008 (Elasmobranchii, Rajidae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 848-850.	0.4	1
50	From Rare Species Detection to Whole-Community Diversity Using High-Throughput Sequencing of Freshwater eDNA. <i>Biodiversity Information Science and Standards</i> , 0, 3, .	0.0	1
51	A mitochondrial genome assembly of the opal chimaera, <i>Chimaera opalescens</i> Luchetti, Iglsias et Sellos 2011, using PacBio HiFi long reads. <i>Mitochondrial DNA Part B: Resources</i> , 2022, 7, 434-437.	0.4	1