

Jean-Dominique Durand

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

2,705
citations

201575

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h-index

206029

48
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85
all docs

85
docs citations

85
times ranked

2703
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity of fishes collected with light traps in the oldest marine protected area in Vietnam revealed by DNA barcoding. <i>Marine Biodiversity</i> , 2022, 52, 1.	0.3	5
2	Application of DNA Barcoding for Monitoring Madagascar Fish Biodiversity in Coastal Areas. <i>Diversity</i> , 2022, 14, 377.	0.7	4
3	DNA Barcoding of Mulletts (Family Mugilidae) from Pakistan Reveals Surprisingly High Number of Unknown Candidate Species. <i>Diversity</i> , 2021, 13, 232.	0.7	5
4	Natal origin and migration pathways of Mekong catfish (<i>Pangasius krempfi</i>) using strontium isotopes and trace element concentrations in environmental water and otoliths. <i>PLoS ONE</i> , 2021, 16, e0252769.	1.1	8
5	Sorting the wheat from the chaff: a review of BINs associated with groupers of Vietnam and the implications for species identification from DNA barcoding. <i>Marine Biodiversity</i> , 2020, 50, 1.	0.3	5
6	Importance of various marine coastal habitats during the life cycle of <i>Spratelloides delicatulus</i> in Con Dao, the oldest MPA in Vietnam. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1626-1637.	0.9	3
7	<i>Acanthopagrus datnia</i> (Hamilton, 1822), a senior synonym of <i>Acanthopagrus longispinnis</i> (Valenciennes, 1830) (Perciformes: Sparidae). <i>Zootaxa</i> , 2020, 4750, zootaxa.4750.2.1.	0.2	5
8	Genetic diversity and structure of circumtropical almaco jack, <i>Seriola rivoliana</i> : tool for conservation and management. <i>Journal of Fish Biology</i> , 2020, 97, 882-894.	0.7	7
9	Biodiversity inventory of the grey mullets (Actinopterygii: Mugilidae) of the Indo-Australian Archipelago through the iterative use of DNA-based species delimitation and specimen assignment methods. <i>Evolutionary Applications</i> , 2020, 13, 1451-1467.	1.5	23
10	Predicting species richness and abundance of tropical post-larval fish using machine learning. <i>Marine Ecology - Progress Series</i> , 2020, 645, 125-139.	0.9	5
11	DNA barcoding post-larvae can improve the knowledge about fish biodiversity: an example from La Reunion, SW Indian Ocean. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2018, 29, 905-918.	0.7	21
12	Hordes of Phages in the Gut of the <i>Tilapia Sarotherodon melanotheron</i> . <i>Scientific Reports</i> , 2018, 8, 11311.	1.6	8
13	Diversity and distribution of cryptic species within the <i>Mugil cephalus</i> species complex in Vietnam. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017, 28, 493-501.	0.7	12
14	Recruitment success and growth variability of mugilids in a West African estuary impacted by climate change. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 198, 53-62.	0.9	3
15	The mangrove's contribution to people: Interdisciplinary pilot study of the Can Gio Mangrove Biosphere Reserve in Viet Nam. <i>Comptes Rendus - Geoscience</i> , 2017, 349, 341-350.	0.4	9
16	DNA barcoding grey mullets. <i>Reviews in Fish Biology and Fisheries</i> , 2017, 27, 233-243.	2.4	31
17	Cichlids of the Banc d'Arguin National Park, Mauritania: insight into the diversity of the genus <i>Coptodon</i> . <i>Journal of Fish Biology</i> , 2016, 88, 1369-1393.	0.7	9
18	Implications of Molecular Phylogeny for the Taxonomy of Mugilidae. , 2016, , 22-41.		3

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19	Next-generation sequencing yields the complete mitochondrial genome of the flathead mullet, <i>Mugil cephalus</i> cryptic species in East Australia (Teleostei: Mugilidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 3218-3219.	0.7	3
20	Comparative phylogeography of the western Indian Ocean reef fauna. Acta Oecologica, 2016, 72, 72-86.	0.5	35
21	Multilocus resolution of Mugilidae phylogeny (Teleostei: Mugiliformes): Implications for the family's taxonomy. Molecular Phylogenetics and Evolution, 2016, 96, 161-177.	1.2	26
22	Next generation sequencing yields the complete mitochondrial genome of the largescale mullet, <i>Liza macrolepis</i> (Teleostei: Mugilidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 4232-4233.	0.7	0
23	Mahseers genera <i>Tor</i> and <i>Neolissochilus</i> (Teleostei: Cyprinidae) from southern Vietnam. Zootaxa, 2015, 4006, 551-68.	0.2	13
24	Spawning segregation and philopatry are major prezygotic barriers in sympatric cryptic <i>Mugil cephalus</i> species. Comptes Rendus - Biologies, 2015, 338, 803-811.	0.1	16
25	Mitochondrial phylogeny of grey mullets (Acanthopterygii: Mugilidae) suggests high proportion of cryptic species. Comptes Rendus - Biologies, 2015, 338, 266-277.	0.1	61
26	Spatio-temporal isotopic signatures ($\delta^{13}C$ and $\delta^{15}N$) reveal that two sympatric West African mullet species do not feed on the same basal production sources. Journal of Fish Biology, 2015, 86, 1444-1453.	0.7	18
27	A comparative study of <i>Ligophorus uruguayense</i> and <i>L. saladensis</i> (Monogenea: Ancyrocephalidae) from <i>Mugil liza</i> (Teleostei: Mugilidae) in southern Brazil. Folia Parasitologica, 2015, 62, .	0.7	17
28	Analysis of the black-chinned tilapia <i>Sarotherodon melanotheron heudelotii</i> reproducing under a wide range of salinities: from RNA-seq to candidate genes. Molecular Ecology Resources, 2014, 14, 139-149.	2.2	15
29	High Sequence Variations in Mitochondrial DNA Control Region among Worldwide Populations of Flathead Mullet <i>Mugil cephalus</i> . International Journal of Zoology, 2014, 2014, 1-9.	0.3	10
30	First record of <i>Osteomugil perusii</i> (Teleostei: Mugilidae) in Indian waters. Marine Biodiversity Records, 2014, 7, .	1.2	0
31	Plasticity of gene expression according to salinity in the testis of broodstock and F1 black-chinned tilapia, <i>Sarotherodon melanotheron heudelotii</i> . PeerJ, 2014, 2, e702.	0.9	7
32	Resurrection of New Caledonian maskray <i>Neotrygon trigonoides</i> (Myliobatoidei: Dasyatidae) from synonymy with <i>N. kuhlii</i> , based on cytochrome-oxidase I gene sequences and spotting patterns. Comptes Rendus - Biologies, 2013, 336, 221-232.	0.1	16
33	Mitochondrial Haplotypes Indicate Parapatric-like Phylogeographic Structure in Blue-Spotted Maskray (<i>Neotrygon kuhlii</i>) from the Coral Triangle Region. Journal of Heredity, 2013, 104, 725-733.	1.0	20
34	Population genetic structure of <i>Mugil cephalus</i> in the Mediterranean and Black Seas: a single mitochondrial clade and many nuclear barriers. Marine Ecology - Progress Series, 2013, 474, 243-261.	0.9	46
35	<i>Himantura tutul</i> sp. nov. (Myliobatoidei: Dasyatidae), a new ocellated whipray from the tropical Indo-West Pacific, described from its cytochrome-oxidase I gene sequence. Comptes Rendus - Biologies, 2013, 336, 82-92.	0.1	21
36	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2012–31 January 2013. Molecular Ecology Resources, 2013, 13, 546-549.	2.2	36

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37	Pelagic Life and Depth: Coastal Physical Features in West Africa Shape the Genetic Structure of the Bonga Shad, <i>Ethmalosa fimbriata</i> . PLoS ONE, 2013, 8, e77483.	1.1	11
38	Ligophorus species (Monogenea: Ancyrocephalidae) from <i>Mugil cephalus</i> (Teleostei: Mugilidae) off Morocco with the description of a new species and remarks about the use of Ligophorus spp. as biological markers of host populations. Folia Parasitologica, 2013, 60, 433-440.	0.7	8
39	Multiparametric approach for assessing environmental quality variations in West African aquatic ecosystems using the black-chinned tilapia (<i>Sarotherodon melanotheron</i>) as a sentinel species. Environmental Science and Pollution Research, 2012, 19, 4133-4147.	2.7	6
40	Genus-level taxonomic changes implied by the mitochondrial phylogeny of grey mullets (Teleostei: Mugilidae). Molecular Phylogenetics and Evolution, 2012, 64, 73-92.	0.1	54
41	Genetic diversity and adaptability of <i>Sarotherodon melanotheron</i> (Cichlidae) in coastal ecosystem. Ethology Ecology and Evolution, 2012, 24, 230-243.	0.6	5
42	Systematics of the grey mullets (Teleostei: Mugiliformes: Mugilidae): Molecular phylogenetic evidence challenges two centuries of morphology-based taxonomy. Molecular Phylogenetics and Evolution, 2012, 64, 73-92.	1.2	134
43	Redescription of <i>Liza bandialensis</i> (Teleostei: Mugilidae) with an identification key to mullet species of Eastern Central Atlantic. Comptes Rendus - Biologies, 2012, 335, 120-128.	0.1	1
44	Impact of environmental DDT concentrations on gill adaptation to increased salinity in the tilapia <i>Sarotherodon melanotheron</i> . Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 156, 7-16.	1.3	7
45	A global review of the cosmopolitan flathead mullet <i>Mugil cephalus</i> Linnaeus 1758 (Teleostei: Mugilidae) species complex. Reviews in Fish Biology and Fisheries, 2012, 22, 641-681.	2.4	226
46	Osmoregulatory strategies in natural populations of the black-chinned tilapia <i>Sarotherodon melanotheron</i> exposed to extreme salinities in West African estuaries. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2012, 182, 771-780.	0.7	15
47	Variation in gene expression along a salinity gradient in wild populations of the euryhaline black-chinned tilapia <i>Sarotherodon melanotheron</i> . Journal of Fish Biology, 2012, 80, 785-801.	0.7	7
48	First record of <i>Mugil capurrii</i> (Mugilidae, Perciformes) in the Gulf of Guinea. Journal of Fish Biology, 2011, 78, 937-940.	0.7	2
49	Salinity-related variation in gene expression in wild populations of the black-chinned tilapia from various West African coastal marine, estuarine and freshwater habitats. Estuarine, Coastal and Shelf Science, 2011, 91, 102-109.	0.9	23
50	Plio-Pleistocene sea level and temperature fluctuations in the northwestern Pacific promoted speciation in the globally-distributed flathead mullet <i>Mugil cephalus</i> . BMC Evolutionary Biology, 2011, 11, 83.	3.2	146
51	Selection footprint at the first intron of the Prl gene in natural populations of the flathead mullet (<i>Mugil cephalus</i> , L. 1758). Journal of Experimental Marine Biology and Ecology, 2010, 387, 60-67.	0.7	18
52	Differential expression of the heat shock protein Hsp70 in natural populations of the tilapia, <i>Sarotherodon melanotheron</i> , acclimatised to a range of environmental salinities. BMC Ecology, 2010, 10, 11.	3.0	65
53	Global phylogeography of the dolphinfish (<i>Coryphaena hippurus</i>): The influence of large effective population size and recent dispersal on the divergence of a marine pelagic cosmopolitan species. Molecular Phylogenetics and Evolution, 2010, 57, 1209-1218.	1.2	54
54	Multiplex 16S rRNA haplotype-specific PCR, a rapid and convenient method for fish species identification: an application to West African Clupeiform larvae. Molecular Ecology Resources, 2010, 10, 568-572.	2.2	17

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55	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 April 2010 – 31 May 2010. <i>Molecular Ecology Resources</i> , 2010, 10, 1098-1105.	2.2	71
56	Identification of tropical Eastern Atlantic Mugilidae species by PCR-RFLP analysis of mitochondrial 16S rRNA gene fragments. <i>Biochemical Systematics and Ecology</i> , 2009, 37, 512-518.	0.6	13
57	Recruitment patterns of young-of-the-year mugilid fishes in a West African estuary impacted by climate change. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 85, 357-367.	0.9	21
58	Phylogeography of the flathead mullet <i>Mugil cephalus</i> in the north-west Pacific as inferred from the mtDNA control region. <i>Journal of Fish Biology</i> , 2009, 75, 393-407.	0.7	24
59	Molecular systematics, phylogeny and biogeography of roaches (Rutilus, Teleostei, Cyprinidae). <i>Molecular Phylogenetics and Evolution</i> , 2008, 49, 362-367.	1.2	32
60	Transcriptional responses of the black-chinned tilapia <i>Sarotherodon melanotheron</i> to salinity extremes. <i>Marine Genomics</i> , 2008, 1, 37-46.	0.4	34
61	Geographic structure of European anchovy: A nuclear-DNA study. <i>Journal of Sea Research</i> , 2008, 59, 269-278.	0.6	19
62	Growth hormone and Prolactin-1 gene transcription in natural populations of the black-chinned tilapia <i>Sarotherodon melanotheron</i> acclimatised to different salinities. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007, 147, 541-549.	0.7	26
63	Cytochrome b barcoding, molecular systematics and geographic differentiation in rabbitfishes (Siganidae). <i>Comptes Rendus - Biologies</i> , 2007, 330, 86-94.	0.1	34
64	Spatial and temporal mitochondrial DNA genetic homogeneity of dolphinfish populations (<i>Coryphaena</i>) in the western Indian Ocean. <i>Journal of Fish Biology</i> , 2007, 70, 109-129.	0.9	29
65	Discrepancies in phylogeographical patterns of two European anglerfishes (<i>Lophius budegassa</i> and <i>Lophius piscatorius</i>). <i>Journal of Fish Biology</i> , 2007, 70, 48-61.	1.2	48
66	An investigation of the population genetic structure of pollack (<i>Pollachius pollachius</i>) based on microsatellite markers. <i>ICES Journal of Marine Science</i> , 2006, 63, 1705-1709.	1.2	21
67	Impact of glaciations and geographic distance on the genetic structure of a tropical estuarine fish, <i>Ethmalosa fimbriata</i> (Clupeidae, S. Bowdich, 1825). <i>Molecular Phylogenetics and Evolution</i> , 2005, 36, 277-287.	1.2	36
68	Nuclear and mitochondrial DNA markers indicate unidirectional gene flow of Indo-Pacific to Atlantic bigeye tuna (<i>Thunnus obesus</i>) populations, and their admixture off southern Africa. <i>Marine Biology</i> , 2005, 147, 313-322.	0.7	84
69	Fluctuating asymmetry in fish otoliths and heterozygosity in stressful estuarine environments (West African estuary). <i>Journal of Fish Biology</i> , 2005, 66, 26-39.	0.7	26
70	Genetic structure of fragmented populations of a threatened endemic percid of the Rhône river: <i>Zingel asper</i> . <i>Heredity</i> , 2004, 92, 329-334.	1.2	38
71	Nuclear-DNA markers confirm the presence of two anchovy species in the Mediterranean. <i>Comptes Rendus - Biologies</i> , 2004, 327, 1113-1123.	0.1	41
72	Influence of salinity on the life-history traits of the West African black-chinned tilapia (<i>Sarotherodon melanotheron</i>): Comparison between the Gambia and Saloum estuaries. <i>Aquatic Living Resources</i> , 2004, 17, 65-74.	0.5	64

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