

Jean-Dominique Durand

List of Publications by Year in descending order

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83
papers

2,705
citations

201575

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48
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85
all docs

85
docs citations

85
times ranked

2703
citing authors

#	ARTICLE	IF	CITATIONS
1	A global review of the cosmopolitan flathead mullet <i>Mugil cephalus</i> Linnaeus 1758 (Teleostei): Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 species complex. <i>Reviews in Fish Biology and Fisheries</i> , 2012, 22, 641-681.	2.4	226
2	Phylogeny and Biogeography of the Family Cyprinidae in the Middle East Inferred from Cytochrome b DNAâ€ Evolutionary Significance of This Region. <i>Molecular Phylogenetics and Evolution</i> , 2002, 22, 91-100.	1.2	173
3	Phylogeography and postglacial dispersion of the chub (<i>Leuciscus cephalus</i>) in Europe. <i>Molecular Ecology</i> , 1999, 8, 989-997.	2.0	164
4	Plio-Pleistocene sea level and temperature fluctuations in the northwestern Pacific promoted speciation in the globally-distributed flathead mullet <i>Mugil cephalus</i> . <i>BMC Evolutionary Biology</i> , 2011, 11, 83.	3.2	146
5	Systematics of the grey mullets (Teleostei: Mugiliformes: Mugilidae): Molecular phylogenetic evidence challenges two centuries of morphology-based taxonomy. <i>Molecular Phylogenetics and Evolution</i> , 2012, 64, 73-92.	1.2	134
6	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
7	Insight Into the Origin of Endemic Mediterranean Ichthyofauna: Phylogeography of <i>Chondrostoma</i> Genus (Teleostei, Cyprinidae). , 2003, 94, 315-328.		80
8	Nested Clade and Phylogeographic Analyses of the Chub, <i>Leuciscus cephalus</i> (Teleostei, Cyprinidae), in Greece: Implications for Balkan Peninsula Biogeography. <i>Molecular Phylogenetics and Evolution</i> , 1999, 13, 566-580.	1.2	77
9	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 April 2010 â€ 31 May 2010. <i>Molecular Ecology Resources</i> , 2010, 10, 1098-1105.	2.2	71
10	Rapid radiation of the Mediterranean <i>Luciobarbus</i> species (Cyprinidae) after the Messinian salinity crisis of the Mediterranean Sea, inferred from mitochondrial phylogenetic analysis. <i>Biological Journal of the Linnean Society</i> , 2003, 80, 207-222.	0.7	70
11	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. <i>BMC Ecology</i> , 2010, 10, 11.	3.0	65
12	Genetic variability in reared stocks of common carp (<i>Cyprinus carpio</i> L.) based on allozymes and microsatellites. <i>Aquaculture</i> , 2001, 194, 291-301.	1.7	64
13	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
14	Mitochondrial phylogeny of grey mullets (Acanthopterygii: Mugilidae) suggests high proportion of cryptic species. <i>Comptes Rendus - Biologies</i> , 2015, 338, 266-277.	0.1	61
15	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. <i>Molecular Phylogenetics and Evolution</i> , 2010, 57, 1209-1218.	1.2	54
16	Genus-level taxonomic changes implied by the mitochondrial phylogeny of grey mullets (Teleostei): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.1	54
17	Discrepancies in phylogeographical patterns of two European anglerfishes (<i>Lophius budegassa</i> and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.2	48
18	Population genetic structure of <i>Mugil cephalus</i> in the Mediterranean and Black Seas: a single mitochondrial clade and many nuclear barriers. <i>Marine Ecology - Progress Series</i> , 2013, 474, 243-261.	0.9	46

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19	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
20	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
21	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
22	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2012â€“31 January 2013. <i>Molecular Ecology Resources</i> , 2013, 13, 546-549.	2.2	36

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37	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
38	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
39	<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. <i>Comptes Rendus - Biologies</i> , 2013, 336, 82-92.	0.1	21
40	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
41	Mitochondrial Haplotypes Indicate Parapatric-like Phylogeographic Structure in Blue-Spotted Maskray (<i>Neotrygon kuhlii</i>) from the Coral Triangle Region. <i>Journal of Heredity</i> , 2013, 104, 725-733.	1.0	20
42	Geographic structure of European anchovy: A nuclear-DNA study. <i>Journal of Sea Research</i> , 2008, 59, 269-278.	0.6	19
43	Selection footprint at the first intron of the <i>Prl</i> gene in natural populations of the flathead mullet (<i>Mugil cephalus</i> , L. 1758). <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 387, 60-67.	0.7	18
44	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. <i>Journal of Fish Biology</i> , 2015, 86, 1444-1453.	0.7	18
45	Multiplex 16S rRNA haplotype-specific PCR, a rapid and convenient method for fish species identification: an application to West African Clupeiform larvae. <i>Molecular Ecology Resources</i> , 2010, 10, 568-572.	2.2	17
46	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. <i>Folia Parasitologica</i> , 2015, 62, .	0.7	17
47	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. <i>Comptes Rendus - Biologies</i> , 2013, 336, 221-232.	0.1	16
48	Spawning segregation and philopatry are major prezygotic barriers in sympatric cryptic <i>Mugil cephalus</i> species. <i>Comptes Rendus - Biologies</i> , 2015, 338, 803-811.	0.1	16
49	Osmoregulatory strategies in natural populations of the black-chinned tilapia <i>Sarotherodon melanotheron</i> exposed to extreme salinities in West African estuaries. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2012, 182, 771-780.	0.7	15
50	Analysis of the black-chinned tilapia <i>Sarotherodon melanotheron heudelotii</i> reproducing under a wide range of salinities: from RNA-seq to candidate genes. <i>Molecular Ecology Resources</i> , 2014, 14, 139-149.	2.2	15
51	Local and global multivariate analysis of geographical mitochondrial DNA variation in <i>Leuciscus cephalus</i> L. 1758 (Pisces: Cyprinidae) in the Balkan Peninsula. <i>Biological Journal of the Linnean Society</i> , 1999, 67, 19-42.	0.7	13
52	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
53	Mahseers genera <i>Tor</i> and <i>Neolissochilus</i> (Teleostei: Cyprinidae) from southern Vietnam. <i>Zootaxa</i> , 2015, 4006, 551-68.	0.2	13
54	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

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55	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
56	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
57	Cichlids of the Banc d'Arguin National Park, Mauritania: insight into the diversity of the genus <i>Coptodon</i> . Journal of Fish Biology, 2016, 88, 1369-1393.	0.7	9
58	The mangrove's contribution to people: Interdisciplinary pilot study of the Can Gio Mangrove Biosphere Reserve in Viet Nam. Comptes Rendus - Geoscience, 2017, 349, 341-350.	0.4	9
59	Hordes of Phages in the Gut of the Tilapia <i>Sarotherodon melanotheron</i> . Scientific Reports, 2018, 8, 11311.	1.6	8
60	Natal origin and migration pathways of Mekong catfish (<i>Pangasius krempfi</i>) using strontium isotopes and trace element concentrations in environmental water and otoliths. PLoS ONE, 2021, 16, e0252769.	1.1	8
61	<i>Ligophorus</i> species (Monogenea: Ancyrocephalidae) from <i>Mugil cephalus</i> (Teleostei: Mugilidae) off Morocco with a description of a new species and remarks about the use of <i>Ligophorus</i> spp. as biological markers of host populations. Folia Parasitologica, 2013, 60, 433-440.	0.7	8
62	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
63	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
64	Genetic diversity and structure of circumtropical almaco jack, <i>Seriola rivoliana</i> : tool for conservation and management. Journal of Fish Biology, 2020, 97, 882-894.	0.7	7
65	Plasticity of gene expression according to salinity in the testis of broodstock and F1 black-chinned tilapia, <i>Sarotherodon melanotheron</i> . PeerJ, 2014, 2, e702.	0.9	7
66	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
67	Genetic diversity and adaptability of <i>Sarotherodon melanotheron</i> (Cichlidae) in coastal ecosystem. Ethology Ecology and Evolution, 2012, 24, 230-243.	0.6	5
68	Sorting the wheat from the chaff: a review of BINs associated with groupers of Vietnam and the implications for species identification from DNA barcoding. Marine Biodiversity, 2020, 50, 1.	0.3	5
69	<i>Acanthopagrus datnia</i> (Hamilton, 1822), a senior synonym of <i>Acanthopagrus longispinnis</i> (Valenciennes, 1830) (Perciformes: Sparidae). Zootaxa, 2020, 4750, zootaxa.4750.2.1.	0.2	5
70	DNA Barcoding of Mulletts (Family Mugilidae) from Pakistan Reveals Surprisingly High Number of Unknown Candidate Species. Diversity, 2021, 13, 232.	0.7	5
71	Predicting species richness and abundance of tropical post-larval fish using machine learning. Marine Ecology - Progress Series, 2020, 645, 125-139.	0.9	5
72	Diversity of fishes collected with light traps in the oldest marine protected area in Vietnam revealed by DNA barcoding. Marine Biodiversity, 2022, 52, 1.	0.3	5

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73	Application of DNA Barcoding for Monitoring Madagascar Fish Biodiversity in Coastal Areas. <i>Diversity</i> , 2022, 14, 377.	0.7	4
74	Local and global multivariate analysis of geographical mitochondrial DNA variation in <i>Leuciscus cephalus</i> L. 1758 (Pisces: Cyprinidae) in the Balkan Peninsula. <i>Biological Journal of the Linnean Society</i> , 1999, 67, 19-42.	0.7	3
75	Implications of Molecular Phylogeny for the Taxonomy of Mugilidae. , 2016, , 22-41.		3
76	Next-generation sequencing yields the complete mitochondrial genome of the flathead mullet, <i>Mugil cephalus</i> cryptic species in East Australia (Teleostei: Mugilidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3218-3219.	0.7	3
77	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
78	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
79	First record of <i>Mugil capurii</i> (Mugilidae, Perciformes) in the Gulf of Guinea. <i>Journal of Fish Biology</i> , 2011, 78, 937-940.	0.7	2
80	Identifying main evolutionary mechanisms shaping genetic variation of <i>Leuciscus cephalus</i> L. 1758 (Cyprinidae) in Western Greece: discordance between methods. <i>Comptes Rendus De L'Académie Des Sciences Série 3, Sciences De La Vie</i> , 2001, 324, 1045-1060.	0.8	1
81	Redescription of <i>Liza bandialensis</i> (Teleostei: Mugilidae) with an identification key to mullet species of Eastern Central Atlantic. <i>Comptes Rendus - Biologies</i> , 2012, 335, 120-128.	0.1	1
82	First record of <i>Osteomugil perusii</i> (Teleostei: Mugilidae) in Indian waters. <i>Marine Biodiversity Records</i> , 2014, 7, .	1.2	0
83	Next generation sequencing yields the complete mitochondrial genome of the largescale mullet, <i>Liza macrolepis</i> (Teleostei: Mugilidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 4232-4233.	0.7	0