Daniel Alfredo FernÃ¡ndez

List of Publications by Year
in descending order

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44 papers	1,210 citations	430754 18 h-index	395590 33 g-index
44 all docs	44 docs citations	44 times ranked	1383 citing authors

#	Article	IF	Citations
1	Temperature and salinity effects on whole-organism and cellular level stress responses of the sub-Antarctic notothenioid fish Patagonotothen cornucola yolk-sac larvae. Fish Physiology and Biochemistry, 2022, , 1.	0.9	0
2	Water Circulation and Transport Time Scales in the Beagle Channel, Southernmost Tip of South America. Journal of Marine Science and Engineering, 2022, 10, 941.	1.2	12
3	Thermal responses of two sub-Antarctic notothenioid fishes, the black southern cod Patagonotothen tessellata (Richardson, 1845) and the Magellan plunderfish Harpagifer bispinis (Forster, 1801), from southern South America. Polar Biology, 2021, 44, 1055-1067.	0.5	4
4	Endocrine disruption in the sub Antarctic fish Patagonotothen tessellata (Perciformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (Nc Research, 2021, 171, 105478.	1.1	5
5	Life-history traits of the Magellan plunderfish Harpagifer bispinis (Forster, 1801) in the Beagle Channel (Tierra del Fuego, South America). Polar Biology, 2020, 43, 1643-1654.	0.5	6
6	Detection of lamprey in Southernmost South America by environmental DNA (eDNA) and molecular evidence for a new species. Polar Biology, 2020, 43, 369-383.	0.5	17
7	First Insights Into the Growth and Population Structure of Cottoperca trigloides (Perciformes,) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.2	3
8	Phenotypic and genetic differentiation between diadromous and landlocked puyen <scp>Galaxias maculatus</scp>. Journal of Fish Biology, 2020, 96, 956-967.	0.7	18
9	Sharp phylogeographical differentiation near the southern range edge of the silverside Odontesthes nigricans: Distinct peripheral populations and incipient speciation?. Estuarine, Coastal and Shelf Science, 2019, 226, 106276.	0.9	1
10	Ocean warming and acidification pose synergistic limits to the thermal niche of an economically important echinoderm. Science of the Total Environment, 2019, 693, 133469.	3.9	20
11	Early warning: detection of exotic coho salmon (Oncorhynchus kisutch) by environmental DNA and evidence of establishment at the extreme south of Patagonia. Canadian Journal of Fisheries and Aquatic Sciences, 2019, 76, 2343-2349.	0.7	13
12	Drivers of macroinvertebrate metacommunity structure in Tierra del Fuego rivers. Acta Oecologica, 2019, 97, 6-13.	0.5	1
13	The expansion of exotic Chinook salmon (Oncorhynchus tshawytscha) in the extreme south of Patagonia: an environmental DNA approach. Biological Invasions, 2019, 21, 1415-1425.	1.2	18
14	Phylogenomics of an extra-Antarctic notothenioid radiation reveals a previously unrecognized lineage and diffuse species boundaries. BMC Evolutionary Biology, 2019, 19, 13.	3.2	18
15	Lengthâ€“weight relationship of six notothenioid species from subâ€Antarctic waters (Beagle Channel,) Tj ETQq1 1 0.784314 rgBT /O	0.3	5
16	Thermal responses of three native fishes from estuarine areas of the Beagle Channel, and their implications for climate change. Hydrobiologia, 2018, 808, 235-249.	1.0	19
17	Fish early life stages associated with giant kelp forests in sub-Antarctic coastal waters (Beagle) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.5	21
18	Effects of changes in salinity on oxygen and food consumption of the young sub-Antarctic notothenioid Eleginops maclovinus: possible implications of their use of an estuarine habitat. Polar Biology, 2017, 40, 639-647.	0.5	6

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19	Early migration and estuary stopover of introduced chinook salmon population in the Lapataia River Basin, southern Tierra del Fuego Island. Estuarine, Coastal and Shelf Science, 2017, 199, 49-58.	0.9	8
20	High energetic cost of oviposition in an edible marine gastropod. Animal Reproduction Science, 2017, 186, 62-67.	0.5	9
21	Thermal ecology of Galaxias platei (Pisces, Galaxiidae) in South Patagonia: perspectives under a climate change scenario. Hydrobiologia, 2017, 802, 255-267.	1.0	12
22	Trophic interactions and food web structure of a subantarctic marine food web in the Beagle Channel: BahÃa Lapataia, Argentina. Polar Biology, 2017, 40, 807-821.	0.5	58
23	Genetic relationships between Atlantic and Pacific populations of the notothenioid fish Eleginops maclovinus: the footprints of Quaternary glaciations in Patagonia. Heredity, 2016, 116, 372-377.	1.2	15
24	Low level of genetic divergence between Harpagifer fish species (Perciformes: Notothenioidei) suggests a Quaternary colonization of Patagonia from the Antarctic Peninsula. Polar Biology, 2015, 38, 607-617.	0.5	38
25	Spatial patterns of summer demersal fish assemblages around the Antarctic Peninsula and South Shetland Islands. Antarctic Science, 2015, 27, 109-117.	0.5	6
26	Effect of starvation on growth rate, muscle growth and energy density of puyen,Galaxias maculatus. Journal of Applied Ichthyology, 2013, 29, 1001-1007.	0.3	6
27	Ancient climate change, antifreeze, and the evolutionary diversification of Antarctic fishes. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3434-3439.	3.3	291
28	The invasion of Patagonia by Chinook salmon (Oncorhynchus tshawytscha): inferences from mitochondrial DNA patterns. Genetica, 2012, 140, 439-453.	0.5	29
29	Temperature effects on growing, feeding, and swimming energetics in the Patagonian blennie Eleginops maclovinus (Pisces: Perciformes). Polar Biology, 2012, 35, 1861-1868.	0.5	20
30	Phylogeography of the sub-Antarctic notothenioid fish Eleginops maclovinus: evidence of population expansion. Marine Biology, 2012, 159, 499-505.	0.7	34
31	Buoyancy of sub-Antarctic notothenioids including the sister lineage of all other notothenioids (Bovichtidae). Polar Biology, 2012, 35, 99-106.	0.5	19
32	The effect of rearing temperature in larval development of pejerrey, Odontesthes bonariensis: morphological indicators of development. Neotropical Ichthyology, 2011, 9, 747-756.	0.5	21
33	Isolation and characterization of ten microsatellite loci from the Patagonian notothenioid fish Eleginops maclovinus. Conservation Genetics Resources, 2011, 3, 689-691.	0.4	4
34	Chinook salmon (Oncorhynchus tshawytscha, Walbaum 1792) in the Beagle Channel, Tierra del Fuego: the onset of an invasion. Biological Invasions, 2010, 12, 2991-2997.	1.2	23
35	Fishes of southern South America: a story driven by temperature. Fish Physiology and Biochemistry, 2009, 35, 29-42.	0.9	67
36	Energy density of sub-Antarctic fishes from the Beagle Channel. Fish Physiology and Biochemistry, 2009, 35, 181-188.	0.9	18

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37	Fish muscle: the exceptional case of notothenioids. Fish Physiology and Biochemistry, 2009, 35, 43-52.	0.9	12
38	Energy allocation in relation to spawning and overwintering of a diadromous Puyen (Galaxias) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 9-14.	0.5	25
39	Dynamic somite cell rearrangements lead to distinct waves of myotome growth. Development (Cambridge), 2007, 134, 1253-1257.	1.2	112
40	Changes in the fish fauna associated with a sub-Antarctic Macrocystis pyrifera kelp forest in response to canopy removal. Polar Biology, 2007, 30, 449-457.	0.5	38
41	Reduction in muscle fibre number during the adaptive radiation of notothenioid fishes: a phylogenetic perspective. Journal of Experimental Biology, 2003, 206, 2595-2609.	0.8	112
42	Muscle growth in Polar fish: a study of Harpagifer species with sub-Antarctic and Antarctic distributions. Fisheries Science, 2002, 68, 1023-1028.	0.7	11
43	Escape performance in the sub-Antarctic notothenioid fish Eleginops maclovinus. Polar Biology, 2002, 25, 914-920.	0.5	22
44	Characterisation of the swimming muscles of two Subantarctic notothenoids. Scientia Marina, 1999, 63, 477-484.	0.3	13