

Laura Ghigliotti

List of Publications by Year in descending order

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papers

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567281

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all docs

56
docs citations

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times ranked

1034
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastics in the Arctic: A case study with sub-surface water and fish samples off Northeast Greenland. <i>Environmental Pollution</i> , 2018, 242, 1078-1086.	7.5	200
2	A nursery area for the Antarctic silverfish <i>Pleuragramma antarcticum</i> at Terra Nova Bay (Ross Sea): first estimate of distribution and abundance of eggs and larvae under the seasonal sea-ice. <i>Polar Biology</i> , 2012, 35, 1573-1585.	1.2	52
3	Gross morphology and histology of the olfactory organ of the Greenland shark <i>Somniosus microcephalus</i> . <i>Polar Biology</i> , 2016, 39, 1399-1409.	1.2	43
4	Secondary Folds Contribute Significantly to the Total Surface Area in the Olfactory Organ of Chondrichthyes. <i>Frontiers in Physiology</i> , 2019, 10, 245.	2.8	37
5	The two giant sister species of the Southern Ocean, <i>Dissostichus eleginoides</i> and <i>Dissostichus mawsoni</i> , differ in karyotype and chromosomal pattern of ribosomal RNA genes. <i>Polar Biology</i> , 2007, 30, 625-634.	1.2	33
6	Clarification of the Terminology of the Olfactory Lamellae in Chondrichthyes. <i>Anatomical Record</i> , 2017, 300, 2039-2045.	1.4	33
7	Assembly of the antifreeze glycoprotein/trypsinogen-like protease genomic locus in the Antarctic toothfish <i>Dissostichus mawsoni</i> (Norman). <i>Genomics</i> , 2011, 98, 194-201.	2.9	29
8	Karyotypes of basal lineages in notothenioid fishes: the genus <i>Bovichtus</i> . <i>Polar Biology</i> , 2006, 29, 1071.	1.2	27
9	Anatomy of the olfactory bulb in Greenland shark <i>Somniosus microcephalus</i> (Bloch & Schneider.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 0.7 27</i>		
10	Ribosomal genes in notothenioid fishes: Focus on the chromosomal organisation. <i>Marine Genomics</i> , 2009, 2, 75-80.	1.1	26
11	Evolution in an extreme environment: developmental biases and phenotypic integration in the adaptive radiation of antarctic notothenioids. <i>BMC Evolutionary Biology</i> , 2016, 16, 142.	3.2	26
12	A Demonstration of Nesting in Two Antarctic Icefish (Genus <i>Chionodraco</i>) Using a Fin Dimorphism Analysis and Ex Situ Videos. <i>PLoS ONE</i> , 2014, 9, e90512.	2.5	24
13	Chromosomal patterns of major and 5S ribosomal DNA in six icefish species (Perciformes.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 1.2 10 Tf 22</i>		
14	Cell proliferation and apoptosis in the olfactory epithelium of the shark <i>Scyliorhinus canicula</i> . <i>Journal of Chemical Neuroanatomy</i> , 2010, 40, 293-300.	2.1	20
15	Sea-Ice Interactions with Polar Fish: Focus on the Antarctic Silverfish Life History. , 2012, , 51-73.		18
16	Productivity and Change in Fish and Squid in the Southern Ocean. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	18
17	Mapping of alpha- and beta-globin genes on Antarctic fish chromosomes by fluorescence in-situ hybridization. <i>Chromosome Research</i> , 2003, 11, 633-640.	2.2	17
18	Insights into spatial distribution patterns of early stages of the Antarctic silverfish, <i>Pleuragramma antarctica</i> , in the platelet ice of Terra Nova Bay, Antarctica. <i>Polar Biology</i> , 2015, 38, 333-342.	1.2	15

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19	Cytogenetic diversity of notothenioid fish from the Ross sea: historical overview and updates. <i>Hydrobiologia</i> , 2015, 761, 373-396.	2.0	15
20	Chromosomal characteristics of the temperate notothenioid fish <i>Eleginops maclovinus</i> (Cuvier). <i>Polar Biology</i> , 2008, 31, 629.	1.2	14
21	Born among the ice: first morphological observations on two developmental stages of the Antarctic silverfish <i>Pleuragramma antarcticum</i> , a key species of the Southern Ocean. <i>Reviews in Fish Biology and Fisheries</i> , 2009, 19, 249-259.	4.9	14
22	Karyotyping and cytogenetic mapping of Atlantic cod (<i>Gadus morhua</i>)	1.7	14
23	Diversification of feeding structures in three adult Antarctic nototheniid fish. <i>Polar Biology</i> , 2018, 41, 1707-1715.	1.2	12
24	Winter spawning of Antarctic toothfish <i>Dissostichus mawsoni</i> in the Ross Sea region. <i>Antarctic Science</i> , 2019, 31, 243-253.	0.9	11
25	Cytogenetic mapping of immunoglobulin heavy chain genes in Antarctic fish. <i>Genetica</i> , 2007, 130, 9-17.	1.1	10
26	Cytogenetic diversity in the Antarctic plunderfishes (Notothenioidei: Artedidraconidae). <i>Antarctic Science</i> , 2010, 22, 805-814.	0.9	10
27	In Situ Gene Mapping of Two Genes Supports Independent Evolution of Sex Chromosomes in Cold-Adapted Antarctic Fish. <i>BioMed Research International</i> , 2013, 2013, 1-8.	1.9	10
28	Reproductive features of the Antarctic silverfish (<i>Pleuragramma antarctica</i>) from the western Ross Sea. <i>Polar Biology</i> , 2017, 40, 199-211.	1.2	10
29	Insertion Hot Spots of DIRS1 Retrotransposon and Chromosomal Diversifications among the Antarctic Teleosts Nototheniidae. <i>International Journal of Molecular Sciences</i> , 2019, 20, 701.	4.1	10
30	Sex determination in Antarctic notothenioid fish: chromosomal clues and evolutionary hypotheses. <i>Polar Biology</i> , 2016, 39, 11-22.	1.2	9
31	First in situ estimates of acoustic target strength of Antarctic toothfish (<i>Dissostichus mawsoni</i>). <i>Fisheries Research</i> , 2018, 206, 79-84.	1.7	9
32	Olfaction in the Antarctic toothfish <i>Dissostichus mawsoni</i> : clues from the morphology and histology of the olfactory rosette and bulb. <i>Polar Biology</i> , 2019, 42, 1081-1091.	1.2	8
33	Induction of meiotic gynogenesis in Atlantic cod (<i>Gadus morhua</i> L.) through pressure shock. <i>Animal Reproduction Science</i> , 2011, 127, 91-99.	1.5	7
34	Acoustic deployments reveal Antarctic silverfish under ice in the Ross Sea. <i>Antarctic Science</i> , 2018, 30, 345-353.	0.9	7
35	Reproductive Strategies of the Antarctic Silverfish: Known Knowns, Known Unknowns and Unknown Unknowns. <i>Advances in Polar Ecology</i> , 2017, , 173-192.	1.3	7
36	First cytogenetic characterization of the sub-arctic marine fish <i>Mallotus villosus</i> (Müller, 1776), Osmeriformes, Osmeridae. <i>Genetics and Molecular Biology</i> , 2008, 31, 180-187.	1.3	6

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37	Reconstruction of the repetitive antifreeze glycoprotein genomic loci in the cold-water gadids <i>Boreogadus saida</i> and <i>Microgadus tomcod</i> . <i>Marine Genomics</i> , 2018, 39, 73-84.	1.1	6
38	Conservation and Management of Antarctic Silverfish <i>Pleuragramma antarctica</i> Populations and Habitats. <i>Advances in Polar Ecology</i> , 2017, , 287-305.	1.3	5
39	Surface egg structure and early embryonic development of the Antarctic toothfish, <i>Dissostichus mawsoni</i> Norman 1937. <i>Polar Biology</i> , 2018, 41, 1717-1724.	1.2	5
40	Monitoring Antarctic toothfish in McMurdo Sound to evaluate the Ross Sea region Marine Protected Area. <i>Antarctic Science</i> , 2019, 31, 195-207.	0.9	5
41	Evolution Reshaped Life for the Water Column: The Skeleton of the Antarctic Silverfish <i>Pleuragramma antarctica</i> Boulenger, 1902. <i>Advances in Polar Ecology</i> , 2017, , 3-26.	1.3	5
42	Latitudinal Cline in Chromosome Numbers of Ice Cod <i>A. glacialis</i> (Gadidae) from Northeast Greenland. <i>Genes</i> , 2020, 11, 1515.	2.4	4
43	Buoyancy of post-fertilised <i>Dissostichus mawsoni</i> eggs and implications for early life history. <i>Fisheries Oceanography</i> , 2021, 30, 697.	1.7	4
44	Quantification of neurons in the olfactory bulb of the catsharks <i>Scyliorhinus canicula</i> (Linnaeus,) <i>Tj ETQq0 0 0 rgBT, /Overlock, 10 Tf 50 4</i>	1.2	4
45	Diversified feeding strategies of <i>Pleuragramma antarctica</i> (Nototheniidae) in the Southern Ocean. <i>Polar Biology</i> , 2019, 42, 2045-2054.	1.2	3
46	The Challenge to Observe Antarctic Toothfish (<i>Dissostichus mawsoni</i>) under Fast Ice. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 255.	2.6	3
47	Exploring the diversity of Arctic eelpouts: First cytogenetic data on species of the genus <i>Lycodes</i> (Teleostei, Zoarcidae). <i>Marine Genomics</i> , 2012, 8, 35-41.	1.1	2
48	Midtrophic fish feeding modes at the poles: an ecomorphological comparison of polar cod (<i>Boreogadus saida</i>) and Antarctic silverfish (<i>Pleuragramma antarctica</i>). <i>Polar Biology</i> , 2021, 44, 1629-1642.	1.2	2
49	Biodiversity of Arctic fishes: first karyological information on <i>Gaidropsarus argentatus</i> (Reinhardt, 1837), a new piece to the puzzle. <i>Marine Biology Research</i> , 2012, 8, 1032-1035.	0.7	1
50	Cytogenetic characterization of the Antarctic silverfish <i>Pleuragramma antarctica</i> (Boulenger 1902) through analysis of mitotic chromosomes from early larvae. <i>Marine Genomics</i> , 2020, 52, 100737.	1.1	1
51	A new record and biological evidence supporting the establishment of <i>Beryx splendens</i> (Actinopterygii: Beryciformes: Berycidae) in the western Mediterranean basin. <i>Acta Ichthyologica Et Piscatoria</i> , 2018, 48, 183-188.	0.7	1
52	Presence and distribution of serotonin in the stomach of the Antarctic silverfish <i>Pleuragramma antarcticum</i> . <i>Polar Biology</i> , 2012, 35, 795-799.	1.2	0
53	Physiological traits of the Greenland shark <i>Somniosus microcephalus</i> obtained during the TUNU-Expeditions to Northeast Greenland. , 2020, , 11-41.		0
54	Otolith chemical composition suggests local populations of Antarctic silverfish <i>Pleuragramma antarctica</i> (Boulenger, 1902) around Antarctica are exposed to similar environmental conditions at early life stages. <i>Polar Biology</i> , 2021, 44, 1979-1991.	1.2	0

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55	The Arrangement of the Peripheral Olfactory System of <i>Pleuragramma antarcticum</i> : A Well-Exploited Small Sensor, an Aided Water Flow, and a Prominent Effort in Primary Signal Elaboration. <i>Animals</i> , 2022, 12, 663.	2.3	0