

Joseph T Eastman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9033069/publications.pdf>

Version: 2024-02-01

113
papers

4,136
citations

126907

33
h-index

133252

59
g-index

114
all docs

114
docs citations

114
times ranked

2066
citing authors

#	ARTICLE	IF	CITATIONS
1	Parental care and reproductive strategies in notothenioid fishes. <i>Fish and Fisheries</i> , 2021, 22, 356-376.	5.3	21
2	Further evidence that Antarctic toothfish are important to Weddell seals. <i>Antarctic Science</i> , 2021, 33, 17-29.	0.9	12
3	Neuromorphological disparity in deep-living sister species of the Antarctic fish genus <i>Trematomus</i> . <i>Polar Biology</i> , 2021, 44, 315-334.	1.2	3
4	Checklist of the species of notothenioid fishes. <i>Antarctic Science</i> , 2021, 33, 273-280.	0.9	27
5	Degree of herbivory and intestinal morphology in nine notothenioid fishes from the western Antarctic Peninsula. <i>Polar Biology</i> , 2020, 43, 535-544.	1.2	5
6	The buoyancy-based biotope axis of the evolutionary radiation of Antarctic cryonotothenioid fishes. <i>Polar Biology</i> , 2020, 43, 1217-1231.	1.2	20
7	An analysis of maximum body size and designation of size categories for notothenioid fishes. <i>Polar Biology</i> , 2019, 42, 1131-1145.	1.2	18
8	Spatial distribution and habitat preferences of demersal fish assemblages in the southeastern Weddell Sea (Southern Ocean). <i>Polar Biology</i> , 2019, 42, 1025-1040.	1.2	22
9	How overfishing a large piscine mesopredator explains growth in Ross Sea penguin populations: A framework to better understand impacts of a controversial fishery. <i>Ecological Modelling</i> , 2017, 349, 69-75.	2.5	18
10	Changed prevalence, not absence, explains toothfish status in McMurdo Sound. <i>Antarctic Science</i> , 2017, 29, 165-171.	0.9	4
11	Bathymetric distributions of notothenioid fishes. <i>Polar Biology</i> , 2017, 40, 2077-2095.	1.2	47
12	Necessary elements of precautionary management: implications for the Antarctic toothfish. <i>Fish and Fisheries</i> , 2016, 17, 1152-1174.	5.3	20
13	Zonation of demersal fishes off Anvers Island, western Antarctic Peninsula. <i>Antarctic Science</i> , 2016, 28, 44-50.	0.9	10
14	Comments on "The Antarctic toothfish (<i>Dissostichus mawsoni</i>): biology, ecology, and life history in the Ross Sea region," by S. Hanchet et al.. <i>Hydrobiologia</i> , 2016, 771, 1-7.	2.0	6
15	Identification of the notothenioid sister lineage illuminates the biogeographic history of an Antarctic adaptive radiation. <i>BMC Evolutionary Biology</i> , 2015, 15, 109.	3.2	52
16	Factors involved in prey resource partitioning in the genus <i>Artedidraco</i> (Notothenioidei). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (A</i>	2.0	0
17	Divergence in skeletal mass and bone morphology in antarctic notothenioid fishes. <i>Journal of Morphology</i> , 2014, 275, 841-861.	1.2	39
18	Feeding biomechanics of five demersal Antarctic fishes. <i>Polar Biology</i> , 2014, 37, 1835-1848.	1.2	10

#	ARTICLE	IF	CITATIONS
19	Divergence in skeletal mass and bone morphology in antarctic notothenioid fishes. Journal of Morphology, 2014, 275, NA-NA.	1.2	2
20	Decadal trends in abundance, size and condition of Antarctic toothfish in McMurdo Sound, Antarctica, 1972-2011. Fish and Fisheries, 2013, 14, 343-363.	5.3	41
21	Reduced seasonality in elemental CHN composition of Antarctic marine benthic predators and scavengers. Journal of Experimental Marine Biology and Ecology, 2013, 446, 328-333.	1.5	7
22	Photographic survey of benthos provides insights into the Antarctic fish fauna from the Marguerite Bay slope and the Amundsen Sea. Antarctic Science, 2013, 25, 31-43.	0.9	25
23	Definitive specimens of Merlucciidae (Gadiformes) from the Eocene James Ross Basin of Isla Marambio (Seymour Island), Antarctic Peninsula. Antarctic Science, 2012, 24, 467-472.	0.9	5
24	First data on age and sexual maturity of the Tristan klipfish, <i>Bovichtus diacanthus</i> (Bovichtidae) from Tristan da Cunha, South Atlantic. Antarctic Science, 2012, 24, 115-120.	0.9	4
25	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.	7.1	291
26	Phenotypic plasticity in the Antarctic nototheniid fish <i>Trematomus newnesi</i> : a guide to the identification of typical, large mouth and intermediate morphs. Polar Biology, 2012, 35, 1047-1056.	1.2	6
27	Antarctic silverfish: life strategies of a key species in the high Antarctic ecosystem. Fish and Fisheries, 2012, 13, 241-266.	5.3	80
28	Unnatural Selection of Antarctic Toothfish in the Ross Sea, Antarctica. , 2012, , 53-75.		9
29	Biology of the Antarctic dragonfish <i>Vomeridens infuscipinnis</i> (Notothenioidei). Tj ETQq1 1 0.784314 rgBT /Overlock 10, Tf 50 342 0.9	0.9	7
30	Paleocene ichthyofauna and paleoenvironmental setting, Imo Formation, southeastern Nigeria. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2011, 260, 289-296.	0.4	8
31	Short Note: Antarctic toothfish heads found along tide cracks of the McMurdo Ice Shelf. Antarctic Science, 2011, 23, 469-470.	0.9	5
32	Divergence of brain and retinal anatomy and histology in pelagic antarctic notothenioid fishes of the sister taxa <i>Dissostichus</i> and <i>Pleuragramma</i> . Journal of Morphology, 2011, 272, 419-441.	1.2	22
33	Adaptive radiation at a low taxonomic level: Divergence in buoyancy of the ecologically similar Antarctic fish <i>Notothenia coriiceps</i> and <i>N. rossii</i> . Marine Ecology - Progress Series, 2011, 438, 195-206.	1.9	20
34	Some reproductive traits of the Tristan klipfish, <i>Bovichtus diacanthus</i> (Carmichael 1819) (Notothenioidei: Bovichtidae) from Tristan da Cunha (South Atlantic). Polar Biology, 2010, 33, 337-346.	1.2	7
35	Buoyancy studies of three morphs of the Antarctic fish <i>Trematomus newnesi</i> (Nototheniidae) from the South Shetland Islands. Polar Biology, 2010, 33, 823-831.	1.2	13
36	Fishing for Data in the Ross Sea. Science, 2010, 330, 1316-1316.	12.6	15

#	ARTICLE	IF	CITATIONS
37	A New Species and a Molecular Phylogenetic Analysis of the Antarctic Fish Genus Pogonophryne (Notothenioidei: Artedidraconidae). <i>Copeia</i> , 2009, 2009, 705-713.	1.3	27
38	Nervous and Sensory Systems in Sub-Arctic and Antarctic Snailfishes of the Genus Paraliparis (Teleostei: Scorpaeniformes: Liparidae). <i>Copeia</i> , 2009, 2009, 732-739.	1.3	5
39	Aspects of the Biology and Population Genetics of the Antarctic Nototheniid Fish <i>Trematomus nicolai</i> . <i>Copeia</i> , 2009, 2009, 320-327.	1.3	8
40	Geographic intraspecific variation in buoyancy within Antarctic notothenioid fishes. <i>Antarctic Science</i> , 2009, 21, 123-129.	0.9	19
41	New species of <i>Pogonophryne</i> (Pisces, Artedidraconidae) from the Bellingshausen Sea, Antarctica. <i>Polar Biology</i> , 2008, 31, 1175-1179.	1.2	17
42	Diversity, relative abundance, new locality records and population structure of Antarctic demersal fishes from the northern Scotia Arc islands and BouvetÅya. <i>Polar Biology</i> , 2008, 31, 1481-1497.	1.2	33
43	Brain and sense organ anatomy and histology of the Falkland Islands mullet, <i>Eleginops maclovinus</i> (Eleginopidae), the sister group of the Antarctic notothenioid fishes (Perciformes: Tj ETQq1 1 0.784214 rgBT / Overlock	1.2	14
44	The reproductive biology of two epibenthic species of Antarctic nototheniid fish of the genus <i>Trematomus</i> . <i>Antarctic Science</i> , 2008, 20, 355-364.	0.9	11
45	Biological implications of low condition factor specimens of the Antarctic toothfish, <i>Dissostichus mawsoni</i> , from the Ross Sea. <i>Antarctic Science</i> , 2008, 20, 537-551.	0.9	22
46	Gametogenesis in the dragonfishes <i>Akarotaxis nudiceps</i> and <i>Bathyraco marri</i> (Pisces, Notothenioidei: Tj ETQq0 0 0 rgBT / Overlock 10	0.9	14
47	Paradigm lost, or is top-down forcing no longer significant in the Antarctic marine ecosystem?. <i>Antarctic Science</i> , 2007, 19, 283-290.	0.9	101
48	Biogeography and adaptation of Notothenioid fish: Hemoglobin function and globin gene evolution. <i>Gene</i> , 2007, 398, 143-155.	2.2	102
49	Morphometry of retinal vasculature in Antarctic fishes is dependent upon the level of hemoglobin in circulation. <i>Journal of Experimental Biology</i> , 2007, 210, 815-824.	1.7	30
50	Brain and sense organ anatomy and histology of two species of phylogenetically basal non-Antarctic thornfishes of the Antarctic suborder Notothenioidei (Perciformes: Bovichtidae). <i>Journal of Morphology</i> , 2007, 268, 485-503.	1.2	19
51	Feeding habits of <i>Bathyraco marri</i> (Pisces, Notothenioidei, Bathyracoidea) from the Ross Sea, Antarctica. <i>Polar Biology</i> , 2007, 30, 541-547.	1.2	7
52	Gametogenesis in the Antarctic plunderfishes <i>Artedidraco linnbergi</i> and <i>Artedidraco skottsbergi</i> (Pisces: Artedidraconidae) from the Ross Sea. <i>Antarctic Science</i> , 2006, 18, 183-190.	0.9	3
53	Aspects of the morphology of phylogenetically basal bovidichid fishes of the Antarctic suborder Notothenioidei (Perciformes). <i>Polar Biology</i> , 2006, 29, 754-763.	1.2	14
54	Sexual dimorphism and mental barbel structure in the South Georgia plunderfish <i>Artedidraco mirus</i> (Perciformes: Notothenioidei: Artedidraconidae). <i>Polar Biology</i> , 2006, 30, 45-52.	1.2	14

#	ARTICLE	IF	CITATIONS
55	Aspects of Gonadal Morphology in the South Georgian Plunderfish <i>Artedidraco Mirus</i> (Perciformes: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 462)	1.2	3
56	Brain and sensory organ morphology in Antarctic eelpouts (perciformes: Zoarcidae: Lycodinae). <i>Journal of Morphology</i> , 2006, 267, 115-127.	1.2	5
57	The nature of the diversity of Antarctic fishes. <i>Polar Biology</i> , 2005, 28, 93-107.	1.2	359
58	The role of notothenioid fish in the food web of the Ross Sea shelf waters: a review. <i>Polar Biology</i> , 2004, 27, 321-338.	1.2	168
59	Brain and sense organ anatomy and histology in hemoglobinless Antarctic icefishes (Perciformes: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 462)	1.2	38
60	Anatomy and histology of the brain and sense organs of the antarctic plunderfish <i>dolloidraco longedorsalis</i> (perciformes: notothenioidei: artedidraconidae), with comments on the brain morphology of other artedidraconids and closely related harpagiferids. <i>Journal of Morphology</i> , 2003, 255, 358-377.	1.2	35
61	Diversification of brain and sense organ morphology in antarctic dragonfishes (Perciformes: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 462)	1.2	29
62	Underwater video observation of the Antarctic toothfish <i>Dissostichus mawsoni</i> (Perciformes: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462)	1.2	12
63	Measurements of buoyancy for some Antarctic notothenioid fishes from the South Shetland Islands. <i>Polar Biology</i> , 2002, 25, 753-760.	1.2	44
64	Mental barbel variation in <i>Pogonophryne scotti</i> Regan (Pisces: Perciformes: Artedidraconidae). <i>Antarctic Science</i> , 2001, 13, 363-370.	0.9	25
65	Mental barbel and meristic variation in the Antarctic notothenioid fish <i>Dolloidraco longedorsalis</i> (Perciformes: Artedidraconidae) from the Ross Sea. <i>Polar Biology</i> , 2001, 24, 729-734.	1.2	16
66	Anatomy and histology of the brain and sense organs of the Antarctic eel cod <i>Muraenolepis microps</i> (Gadiformes; Muraenolepididae). <i>Journal of Morphology</i> , 2001, 250, 34-50.	1.2	18
67	Two new species of snailfish genus <i>Paraliparis</i> (Pisces: Liparidae) from the Ross Sea, Antarctica. <i>Journal of Fish Biology</i> , 2001, 59, 92-104.	1.6	7
68	Two new species of snailfish genus <i>Paraliparis</i> (Pisces: Liparidae) from the Ross Sea, Antarctica. <i>Journal of Fish Biology</i> , 2001, 59, 92-104.	1.6	4
69	Nervous and sensory system correlates of an epibenthic evolutionary radiation in Antarctic notothenioid fishes, genus <i>Trematomus</i> (Perciformes; Nototheniidae). <i>Journal of Morphology</i> , 2000, 245, 67-79.	1.2	24
70	Fishes on the Antarctic continental shelf: evolution of a marine species flock?*. <i>Journal of Fish Biology</i> , 2000, 57, 84-102.	1.6	130
71	Aspects of body size and gonadal histology in the Antarctic toothfish, <i>Dissostichus mawsoni</i> , from McMurdo Sound, Antarctica. <i>Polar Biology</i> , 2000, 23, 189-195.	1.2	39
72	Antarctic notothenioid fishes as subjects for research in evolutionary biology. <i>Antarctic Science</i> , 2000, 12, 276-287.	0.9	99

#	ARTICLE	IF	CITATIONS
73	Aspects of the biology of the icefish <i>Dacodraco hunteri</i> (Notothenioidei, Channichthyidae) in the Ross Sea, Antarctica. <i>Polar Biology</i> , 1999, 21, 194-196.	1.2	20
74	The fish fauna of the Ross Sea, Antarctica. <i>Antarctic Science</i> , 1999, 11, 293-304.	0.9	79
75	Fishes of the genus <i>Artedidraco</i> (Pisces, Artedidraconidae) from the Ross Sea, Antarctica, with the description of a new species and a colour morph. <i>Antarctic Science</i> , 1999, 11, 13-22.	0.9	23
76	Morphology of the brain and sense organs in the snailfish <i>Paraliparis devriesi</i> : Neural convergence and sensory compensation on the Antarctic shelf. <i>Journal of Morphology</i> , 1998, 237, 213-236.	1.2	25
77	New Species of <i>Pogonophryne</i> (Pisces, Artedidraconidae) from the Ross Sea, Antarctica. <i>Copeia</i> , 1998, 1998, 1005.	1.3	24
78	A Comparison of Adaptive Radiations of Antarctic Fish with those of NonAntarctic Fish. , 1998, , 3-26.		57
79	Biology and phenotypic plasticity of the Antarctic nototheniid fish <i>Trematomus newnesi</i> in McMurdo Sound. <i>Antarctic Science</i> , 1997, 9, 27-35.	0.9	29
80	Phyletic divergence and specialization for pelagic life in the Antarctic nototheniid fish <i>Pleuragramma antarcticum</i> . <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1997, 118, 1095-1101.	0.6	38
81	Morphology of the digestive system of Antarctic nototheniid fishes. <i>Polar Biology</i> , 1997, 17, 1-13.	1.2	31
82	Diversification of brain morphology in antarctic nototheniid fishes: Basic descriptions and ecological considerations. <i>Journal of Morphology</i> , 1995, 223, 47-83.	1.2	41
83	Periventricular morphology in the diencephalon of antarctic nototheniid teleosts. <i>Journal of Comparative Neurology</i> , 1995, 361, 95-107.	1.6	20
84	Protein content and freezing avoidance properties of the subdermal extracellular matrix and serum of the Antarctic snailfish, <i>Paraliparis devriesi</i> . <i>Fish Physiology and Biochemistry</i> , 1995, 14, 71-80.	2.3	10
85	Buoyancy studies and microscopy of skin and subdermal extracellular matrix of the antarctic snailfish, <i>Paraliparis devriesi</i> . <i>Journal of Morphology</i> , 1994, 220, 85-101.	1.2	22
86	Evolution and Diversification of Antarctic Nototheniid Fishes. <i>American Zoologist</i> , 1991, 31, 93-110.	0.7	69
87	Skin structure and vascularization in the Antarctic nototheniid fish <i>Gymnodraco acuticeps</i> . <i>Journal of Morphology</i> , 1991, 208, 347-365.	1.2	17
88	Late Eocene gadiform (Teleostei) skull from Seymour Island, Antarctic Peninsula. <i>Antarctic Science</i> , 1991, 3, 87-95.	0.9	32
89	Ultrastructure of the lipid sac wall in the Antarctic nototheniid fish <i>Pleuragramma antarcticum</i> . <i>Polar Biology</i> , 1989, 9, 333-335.	1.2	33
90	Ocular morphology in antarctic nototheniid fishes. <i>Journal of Morphology</i> , 1988, 196, 283-306.	1.2	71

#	ARTICLE	IF	CITATIONS
91	Lipid storage systems and the biology of two neutrally buoyant Antarctic notothenioid fishes. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1988, 90, 529-537.	0.2	28
92	Renal corpuscle development in boreal fishes with and without antifreezes. <i>Fish Physiology and Biochemistry</i> , 1987, 4, 89-100.	2.3	13
93	Antarctic Fishes. <i>Scientific American</i> , 1986, 255, 106-114.	1.0	127
94	Renal glomerular evolution in Antarctic notothenioid fishes. <i>Journal of Fish Biology</i> , 1986, 29, 649-662.	1.6	37
95	<i>Pleuragramma antarcticum</i> (Pisces, Nototheniidae) as food for other fishes in McMurdo Sound, Antarctica. <i>Polar Biology</i> , 1985, 4, 155-160.	1.2	123
96	Adaptations for cryopelagic life in the antarctic notothenioid fish <i>Pagothenia borchgrevinki</i> . <i>Polar Biology</i> , 1985, 4, 45-52.	1.2	57
97	Lipid content and composition of three species of Antarctic fish in relation to buoyancy. <i>Polar Biology</i> , 1984, 3, 77-83.	1.2	72
98	Preparation of enriched populations of corticotrophs from goldfish rostral pars distalis. <i>General and Comparative Endocrinology</i> , 1983, 49, 81-89.	1.8	0
99	Vertebral variation in notothenioid fishes from McMurdo Sound, Antarctica. <i>Polar Biology</i> , 1983, 1, 217-220.	1.2	5
100	Buoyancy Studies of Notothenioid Fishes in McMurdo Sound, Antarctica. <i>Copeia</i> , 1982, 1982, 385.	1.3	146
101	ACTH activity in the pituitary and brain of the least brook lamprey, <i>Lampetra aepyptera</i> . <i>General and Comparative Endocrinology</i> , 1982, 47, 346-350.	1.8	15
102	Physiology and ecology of notothenioid fishes of the Ross Sea. <i>Journal of the Royal Society of New Zealand</i> , 1981, 11, 329-340.	1.9	75
103	Buoyancy adaptations in a swim-bladderless Antarctic fish. <i>Journal of Morphology</i> , 1981, 167, 91-102.	1.2	103
104	Hepatic ultrastructural specialization in Antarctic fishes. <i>Cell and Tissue Research</i> , 1981, 219, 489-96.	2.9	22
105	The Caudal Skeletons of Catostomid Fishes. <i>American Midland Naturalist</i> , 1980, 103, 133.	0.4	17
106	Renal conservation of antifreeze peptide in Antarctic eelpout, <i>Rhigophila dearborni</i> . <i>Nature</i> , 1979, 282, 217-218.	27.8	41
107	Lipid sacs as a buoyancy adaptation in an Antarctic fish. <i>Nature</i> , 1978, 271, 352-353.	27.8	96
108	The Pharyngeal Bones and Teeth of Catostomid Fishes. <i>American Midland Naturalist</i> , 1977, 97, 68.	0.4	44

#	ARTICLE	IF	CITATIONS
109	The pharyngeal bone musculature of the carp, <i>Cyprinus carpio</i> . <i>Journal of Morphology</i> , 1971, 134, 131-140.	1.2	23
110	<i>Arius felis</i> : Pelvic Fin Modification in Female. <i>Transactions of the American Microscopical Society</i> , 1970, 89, 427.	0.3	0
111	Progressive Changes in the Ventral Aorta of the Carp, <i>Cyprinus carpio</i> . <i>Journal of the Fisheries Research Board of Canada</i> , 1969, 26, 2425-2430.	0.9	20
112	Decomplicating and identifying species in the radiation of the Antarctic fish genus <i>Pogonophryne</i> (<i>Artedidraconidae</i>). <i>Polar Biology</i> , 0, , 1.	1.2	2
113	Spatial patterns and behaviour of notothenioid fishes off the northern Antarctic Peninsula. <i>Polar Biology</i> , 0, , .	1.2	1