

Xabier Irigoien

List of Publications by Year in descending order

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Version: 2024-02-01

189
papers

13,974
citations

26630

56
h-index

24258

110
g-index

193
all docs

193
docs citations

193
times ranked

14815
citing authors

#	ARTICLE	IF	CITATIONS
1	Plastic debris in the open ocean. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10239-10244.	7.1	2,157
2	Large mesopelagic fishes biomass and trophic efficiency in the open ocean. Nature Communications, 2014, 5, 3271.	12.8	561
3	Plastic Accumulation in the Mediterranean Sea. PLoS ONE, 2015, 10, e0121762.	2.5	553
4	Scaling the metabolic balance of the oceans. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8739-8744.	7.1	487
5	The Arctic Ocean as a dead end for floating plastics in the North Atlantic branch of the Thermohaline Circulation. Science Advances, 2017, 3, e1600582.	10.3	417
6	Global patterns in mangrove soil carbon stocks and losses. Nature Climate Change, 2017, 7, 523-528.	18.8	412
7	RAPID: Research on Automated Plankton Identification. Oceanography, 2007, 20, 172-187.	1.0	409
8	Phytoplankton blooms: a "loophole" in microzooplankton grazing impact?. Journal of Plankton Research, 2005, 27, 313-321.	1.8	371
9	Global biodiversity patterns of marine phytoplankton and zooplankton. Nature, 2004, 429, 863-867.	27.8	369
10	Global spatial risk assessment of sharks under the footprint of fisheries. Nature, 2019, 572, 461-466.	27.8	254
11	Copepod hatching success in marine ecosystems with high diatom concentrations. Nature, 2002, 419, 387-389.	27.8	233
12	Biomass changes and trophic amplification of plankton in a warmer ocean. Global Change Biology, 2014, 20, 2124-2139.	9.5	176
13	Large scale patterns in vertical distribution and behaviour of mesopelagic scattering layers. Scientific Reports, 2016, 6, 19873.	3.3	170
14	Light Limitation and Distribution of Chlorophyll Pigments in a Highly Turbid Estuary: the Gironde (SW) Tj ETQq0 0 0,rgBT /Overlock 10 T	2.1	169
15	Benchmarking DNA Metabarcoding for Biodiversity-Based Monitoring and Assessment. Frontiers in Marine Science, 2016, 3, .	2.5	157
16	Implementation of the European Marine Strategy Framework Directive: A methodological approach for the assessment of environmental status, from the Basque Country (Bay of Biscay). Marine Pollution Bulletin, 2011, 62, 889-904.	5.0	140
17	A quantitative assessment of Arctic shipping in 2010-2014. Scientific Reports, 2016, 6, 30682.	3.3	140
18	A high frequency time series at Weathership M, Norwegian Sea, during the 1997 spring bloom:the reproductive biology of Calanus finmarchicus. Marine Ecology - Progress Series, 1999, 176, 81-92.	1.9	130

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19	A bacterial community-based index to assess the ecological status of estuarine and coastal environments. <i>Marine Pollution Bulletin</i> , 2017, 114, 679-688.	5.0	120
20	Global habitat preferences of commercially valuable tuna. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 113, 102-112.	1.4	113
21	Feeding selectivity and egg production of <i>Calanus helgolandicus</i> in the English Channel. <i>Limnology and Oceanography</i> , 2000, 45, 44-54.	3.1	110
22	Large-scale ocean connectivity and planktonic body size. <i>Nature Communications</i> , 2018, 9, 142.	12.8	102
23	Feeding and egg production of <i>Oithona similis</i> in the North Atlantic. <i>Marine Ecology - Progress Series</i> , 2005, 288, 173-182.	1.9	102
24	Anchovy population expansion in the North Sea. <i>Marine Ecology - Progress Series</i> , 2012, 444, 1-13.	1.9	98
25	Latitudinal variation in plankton size spectra in the Atlantic Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2006, 53, 1560-1572.	1.4	96
26	Latitudinal phytoplankton distribution and the neutral theory of biodiversity. <i>Global Ecology and Biogeography</i> , 2013, 22, 531-543.	5.8	93
27	Phytoplankton pigment chemotaxonomy of the northeastern Atlantic. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2001, 48, 795-823.	1.4	91
28	A high frequency time series at weathership M, Norwegian Sea, during the 1997 spring bloom: feeding of adult female <i>Calanus finmarchicus</i> . <i>Marine Ecology - Progress Series</i> , 1998, 172, 127-137.	1.9	91
29	Convection and primary production in winter. <i>Marine Ecology - Progress Series</i> , 2003, 251, 1-14.	1.9	91
30	Selective feeding of <i>Eurytemora affinis</i> (Copepoda, Calanoida) in temperate estuaries: model and field observations. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 56, 305-311.	2.1	89
31	Some ideas about the role of lipids in the life cycle of <i>Calanus finmarchicus</i> . <i>Journal of Plankton Research</i> , 2004, 26, 259-263.	1.8	89
32	Variation in the transfer of energy in marine plankton along a productivity gradient in the Atlantic Ocean. <i>Limnology and Oceanography</i> , 2006, 51, 2084-2091.	3.1	89
33	Sex Change in Clownfish: Molecular Insights from Transcriptome Analysis. <i>Scientific Reports</i> , 2016, 6, 35461.	3.3	88
34	Low Carbon sink capacity of Red Sea mangroves. <i>Scientific Reports</i> , 2017, 7, 9700.	3.3	87
35	Are <i>Calanus</i> spp. shifting poleward in the North Atlantic? A habitat modelling approach. <i>ICES Journal of Marine Science</i> , 2014, 71, 241-253.	2.5	83
36	Selective feeding on natural phytoplankton by <i>Calanus finmarchicus</i> before, during, and after the 1997 spring bloom in the Norwegian Sea. <i>Limnology and Oceanography</i> , 1999, 44, 154-165.	3.1	82

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37	Spring zooplankton distribution in the Bay of Biscay from 1998 to 2006 in relation with anchovy recruitment. <i>Journal of Plankton Research</i> , 2008, 31, 1-17.	1.8	79
38	Light penetration structures the deep acoustic scattering layers in the global ocean. <i>Science Advances</i> , 2017, 3, e1602468.	10.3	79
39	Climate impacts on albacore and bluefin tunas migrations phenology and spatial distribution. <i>Progress in Oceanography</i> , 2010, 86, 283-290.	3.2	78
40	RAD-seq derived genome-wide nuclear markers resolve the phylogeny of tunas. <i>Molecular Phylogenetics and Evolution</i> , 2016, 102, 202-207.	2.7	75
41	Using HPLC pigment analysis to investigate phytoplankton taxonomy: the importance of knowing your species. <i>Helgoland Marine Research</i> , 2004, 58, 77-82.	1.3	74
42	Climate oscillations reflected within the microbiome of Arabian Sea sediments. <i>Scientific Reports</i> , 2017, 7, 6040.	3.3	74
43	Born small, die young: Intrinsic, size-selective mortality in marine larval fish. <i>Scientific Reports</i> , 2015, 5, 17065.	3.3	73
44	Decadal stability of Red Sea mangroves. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 169, 164-172.	2.1	73
45	The oceans' twilight zone must be studied now, before it is too late. <i>Nature</i> , 2020, 580, 26-28.	27.8	73
46	Flexible diel vertical migration behaviour of zooplankton in the Irish Sea. <i>Marine Ecology - Progress Series</i> , 2004, 267, 85-97.	1.9	71
47	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2011 – 30 November 2011. <i>Molecular Ecology Resources</i> , 2012, 12, 374-376.	4.8	69
48	Feeding, growth, and reproduction in the genus <i>Calanus</i> . <i>ICES Journal of Marine Science</i> , 2000, 57, 1708-1726.	2.5	67
49	North Atlantic Oscillation and spring bloom phytoplankton composition in the English Channel. <i>Journal of Plankton Research</i> , 2000, 22, 2367-2371.	1.8	66
50	Population structure of Atlantic mackerel inferred from RAD-seq derived SNP markers: effects of sequence clustering parameters and hierarchical SNP selection. <i>Molecular Ecology Resources</i> , 2016, 16, 991-1001.	4.8	66
51	Gut clearance rate constant, temperature and initial gut contents: a review. <i>Journal of Plankton Research</i> , 1998, 20, 997-1003.	1.8	65
52	Impact of suspended particulate matter on egg production of the estuarine copepod, <i>Eurytemora affinis</i> . <i>Journal of Marine Systems</i> , 1999, 22, 195-205.	2.1	65
53	Could Biscay Bay Anchovy recruit through a spatial loophole?. <i>Progress in Oceanography</i> , 2007, 74, 132-148.	3.2	65
54	Trophodynamics and diet overlap of small pelagic fish species in the Bay of Biscay. <i>Marine Ecology - Progress Series</i> , 2015, 534, 179-198.	1.9	62

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55	Energetic cost of gonad development in <i>Calanus finmarchicus</i> and <i>C. helgolandicus</i> . <i>Marine Ecology - Progress Series</i> , 2002, 238, 301-306.	1.9	62
56	Effects of Lugol's fixation on the size structure of natural nano-microplankton samples, analyzed by means of an automatic counting method. <i>Journal of Plankton Research</i> , 2008, 30, 1297-1303.	1.8	60
57	Multiple SNP Markers Reveal Fine-Scale Population and Deep Phylogeographic Structure in European Anchovy (<i>Engraulis encrasicolus</i> L.). <i>PLoS ONE</i> , 2012, 7, e42201.	2.5	60
58	Nutrient Limitation in Central Red Sea Mangroves. <i>Frontiers in Marine Science</i> , 2016, 3, .	2.5	59
59	Fish recruitment prediction, using robust supervised classification methods. <i>Ecological Modelling</i> , 2010, 221, 338-352.	2.5	58
60	Please mind the gap – Visual census and cryptic biodiversity assessment at central Red Sea coral reefs. <i>Marine Environmental Research</i> , 2016, 118, 20-30.	2.5	57
61	Feeding rates and selectivity among nauplii, copepodites and adult females of <i>Calanus finmarchicus</i> and <i>Calanus helgolandicus</i> . <i>Helgoland Marine Research</i> , 2002, 56, 169-176.	1.3	56
62	Predicting marine phytoplankton community size structure from empirical relationships with remotely sensed variables. <i>Journal of Plankton Research</i> , 2011, 33, 13-24.	1.8	56
63	Influence of algal diet on growth and ingestion of <i>Calanus helgolandicus</i> nauplii. <i>Marine Ecology - Progress Series</i> , 2001, 216, 151-165.	1.9	56
64	Feeding of <i>Calanus finmarchicus</i> and <i>Oithona similis</i> on the microplankton assemblage in the Irminger Sea, North Atlantic. <i>Journal of Plankton Research</i> , 2008, 30, 1095-1116.	1.8	55
65	Pushing the limits of photoreception in twilight conditions: The rod-like cone retina of the deep-sea pearlsides. <i>Science Advances</i> , 2017, 3, eaao4709.	10.3	55
66	Microbial planktonic communities in the Red Sea: high levels of spatial and temporal variability shaped by nutrient availability and turbulence. <i>Scientific Reports</i> , 2017, 7, 6611.	3.3	54
67	Feeding of <i>Calanus finmarchicus</i> nauplii in the Irminger Sea. <i>Marine Ecology - Progress Series</i> , 2003, 262, 193-200.	1.9	54
68	Relationships between frontal structures and zooplankton communities along a cross-shelf transect in the Bay of Biscay (1995 to 2003). <i>Marine Ecology - Progress Series</i> , 2004, 284, 65-75.	1.9	54
69	Feeding rates and productivity of the copepod <i>Acartia biflosa</i> in a highly turbid estuary; the Gironde (SW France). <i>Hydrobiologia</i> , 1995, 311, 115-125.	2.0	53
70	Trophic dynamics. , 2001, , 112-157.		52
71	Copepod egg production in the western Mediterranean: response to food availability in oligotrophic environments. <i>Marine Ecology - Progress Series</i> , 1999, 187, 179-189.	1.9	52
72	The effect of food on the determination of sex ratio in <i>Calanus</i> spp.: evidence from experimental studies and field data. <i>ICES Journal of Marine Science</i> , 2000, 57, 1752-1763.	2.5	51

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73	Marine water environmental DNA metabarcoding provides a comprehensive fish diversity assessment and reveals spatial patterns in a large oceanic area. <i>Ecology and Evolution</i> , 2020, 10, 7560-7584.	1.9	50
74	Acoustic surveys for juvenile anchovy in the Bay of Biscay: abundance estimate as an indicator of the next year's recruitment and spatial distribution patterns. <i>ICES Journal of Marine Science</i> , 2013, 70, 1354-1368.	2.5	48
75	Modelling the future biogeography of North Atlantic zooplankton communities in response to climate change. <i>Marine Ecology - Progress Series</i> , 2015, 531, 121-142.	1.9	48
76	Spatial demography of <i>Calanus finmarchicus</i> in the Irminger Sea. <i>Progress in Oceanography</i> , 2008, 76, 39-88.	3.2	47
77	Validation of daily increments deposition in the otoliths of European anchovy larvae (<i>Engraulis</i>) Tj ETQq1 1 0.784314,rgBT /Oyerlock 10	1.7	47
78	Comparative analysis of <i>Calanus finmarchicus</i> demography at locations around the Northeast Atlantic. <i>ICES Journal of Marine Science</i> , 2000, 57, 1562-1580.	2.5	46
79	The role of intraguild predation in the population dynamics of small pelagic fish. <i>Marine Biology</i> , 2011, 158, 1683-1690.	1.5	46
80	Phenology and Growth dynamics of <i>Avicennia marina</i> in the Central Red Sea. <i>Scientific Reports</i> , 2016, 6, 37785.	3.3	45
81	Dispersal similarly shapes both population genetics and community patterns in the marine realm. <i>Scientific Reports</i> , 2016, 6, 28730.	3.3	45
82	Feeding and reproduction of <i>Calanus finmarchicus</i> during non-bloom conditions in the Irminger Sea. <i>Journal of Plankton Research</i> , 2006, 28, 1167-1179.	1.8	43
83	The Mesopelagic Scattering Layer: A Hotspot for Heterotrophic Prokaryotes in the Red Sea Twilight Zone. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	43
84	Food limitation and growth in temperate epipelagic appendicularians (Tunicata). <i>Marine Ecology - Progress Series</i> , 2003, 252, 143-157.	1.9	43
85	Regional and temporal variation of <i>Oithona</i> spp. biomass, stage structure and productivity in the Irminger Sea, North Atlantic. <i>Journal of Plankton Research</i> , 2007, 29, 1051-1070.	1.8	41
86	Carbon stocks and accumulation rates in Red Sea seagrass meadows. <i>Scientific Reports</i> , 2018, 8, 15037.	3.3	41
87	In situ feeding physiology and grazing impact of the appendicularian community in temperate waters. <i>Marine Ecology - Progress Series</i> , 2003, 252, 125-141.	1.9	41
88	Distribution, growth and survival of anchovy larvae (<i>Engraulis encrasicolus</i> L.) in relation to hydrodynamic and trophic environment in the Bay of Biscay. <i>Journal of Plankton Research</i> , 2008, 30, 467-481.	1.8	38
89	Optimizing the number of classes in automated zooplankton classification. <i>Journal of Plankton Research</i> , 2009, 31, 19-29.	1.8	38
90	Zooplankton dynamics in a mesoscale eddy-jet system off California. <i>Marine Ecology - Progress Series</i> , 2000, 201, 165-178.	1.9	38

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91	The influence of diatom abundance on the egg production rate of <i>Calanus helgolandicus</i> in the English Channel. <i>Limnology and Oceanography</i> , 2000, 45, 1433-1439.	3.1	37
92	Changes in plankton size structure and composition, during the generation of a phytoplankton bloom, in the central Cantabrian sea. <i>Journal of Plankton Research</i> , 2008, 31, 193-207.	1.8	37
93	Zooplankton diversity across three Red Sea reefs using pyrosequencing. <i>Frontiers in Marine Science</i> , 2014, 1, .	2.5	37
94	Climate change impacts on coastal and pelagic environments in the southeastern Bay of Biscay. <i>Climate Research</i> , 2011, 48, 307-332.	1.1	37
95	Aldehyde-induced insidious effects cannot be considered as a diatom defence mechanism against copepods. <i>Marine Ecology - Progress Series</i> , 2009, 377, 79-89.	1.9	37
96	Growth and development of <i>Calanus helgolandicus</i> reared in the laboratory. <i>Marine Ecology - Progress Series</i> , 2002, 238, 125-138.	1.9	37
97	From egg to juvenile in the Bay of Biscay: spatial patterns of anchovy (<i>Engraulis encrasicolus</i>) recruitment in a non-upwelling region. <i>Fisheries Oceanography</i> , 2008, 17, 446-462.	1.7	36
98	Egg production and associated losses of carbon, nitrogen and fatty acids from maternal biomass in <i>Calanus finmarchicus</i> before the spring bloom. <i>Journal of Marine Systems</i> , 2009, 78, 505-510.	2.1	36
99	Food availability as a potential source of bias in the egg production method for copepods. <i>Journal of Plankton Research</i> , 1997, 19, 1-14.	1.8	34
100	Short communication. Food availability and diel feeding rhythms in the marine copepods <i>Acartia grani</i> and <i>Centropages typicus</i> . <i>Journal of Plankton Research</i> , 1999, 21, 1009-1015.	1.8	33
101	Fine scale zooplankton distribution in the Bay of Biscay in spring 2004. <i>Journal of Plankton Research</i> , 2007, 29, 851-870.	1.8	33
102	Growth and movement patterns of early juvenile European anchovy (<i>Engraulis encrasicolus</i> L.) in the Bay of Biscay based on otolith microstructure and chemistry. <i>Fisheries Oceanography</i> , 2010, 19, 196-208.	1.7	32
103	Remobilization of Heavy Metals by Mangrove Leaves. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	32
104	The Red Sea: Environmental Gradients Shape a Natural Laboratory in a Nascent Ocean. <i>Coral Reefs of the World</i> , 2019, , 1-10.	0.7	32
105	Vertical stratification of environmental ^{sc} DNA in the open ocean captures ecological patterns and behavior of deep-sea fishes. <i>Limnology and Oceanography Letters</i> , 2021, 6, 339-347.	3.9	32
106	Mapping plankton distribution in the Bay of Biscay during three consecutive spring surveys. <i>Marine Ecology - Progress Series</i> , 2007, 345, 27-39.	1.9	32
107	Modelling the influence of abiotic and biotic factors on plankton distribution in the Bay of Biscay, during three consecutive years (2004-06). <i>Journal of Plankton Research</i> , 2008, 30, 857-872.	1.8	30
108	Carotenoid metabolic profiling and transcriptome genome mining reveal functional equivalence among blue-pigmented copepods and appendicularia. <i>Molecular Ecology</i> , 2014, 23, 2740-2756.	3.9	30

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109	Assessment of Zooplankton Community Composition along a Depth Profile in the Central Red Sea. PLoS ONE, 2015, 10, e0133487.	2.5	30
110	Global effects of moon phase on nocturnal acoustic scattering layers. Marine Ecology - Progress Series, 2016, 544, 65-75.	1.9	30
111	Egg production rates of <i>Calanus helgolandicus</i> females reared in the laboratory: variability due to present and past feeding conditions. Marine Ecology - Progress Series, 2002, 238, 139-151.	1.9	30
112	A comparative study of size-fractionated mesozooplankton biomass and grazing in the North East Atlantic. Journal of Plankton Research, 1999, 21, 2285-2308.	1.8	29
113	Supervised pre-processing approaches in multiple class variables classification for fish recruitment forecasting. Environmental Modelling and Software, 2013, 40, 245-254.	4.5	29
114	Allometric relations and consequences for feeding in small pelagic fish in the Bay of Biscay. ICES Journal of Marine Science, 2013, 70, 232-243.	2.5	29
115	The contribution of migratory mesopelagic fishes to neuston fish assemblages across the Atlantic, Indian and Pacific Oceans. Marine and Freshwater Research, 2016, 67, 1114.	1.3	28
116	Copepods and DMSP. , 1996, , 239-252.		28
117	Exploring the larval fish community of the central Red Sea with an integrated morphological and molecular approach. PLoS ONE, 2017, 12, e0182503.	2.5	28
118	Interannual variability of <i>Calanus helgolandicus</i> in the English Channel. Fisheries Oceanography, 2003, 12, 317-326.	1.7	27
119	How well does the Continuous Plankton Recorder (CPR) sample zooplankton? A comparison with the Longhurst Hardy Plankton Recorder (LHPR) in the northeast Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 2004, 51, 1283-1294.	1.4	27
120	Effect of food composition on egg production and hatching success rate of two copepod species (<i>Calanoides carinatus</i> and <i>Rhincalanus nasutus</i>) in the Benguela upwelling system. Journal of Plankton Research, 2005, 27, 735-742.	1.8	26
121	Historical trends and future distribution of anchovy spawning in the Bay of Biscay. Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 159, 169-182.	1.4	26
122	Copepod feeding in the Westerschelde and the Gironde. Hydrobiologia, 1995, 311, 71-83.	2.0	25
123	Spatial patterns and scale-dependent relationships between macrozooplankton and fish in the Bay of Biscay: an acoustic study. Marine Ecology - Progress Series, 2011, 439, 151-168.	1.9	25
124	Vertical distribution and population structure of <i>Calanus finmarchicus</i> at station India (59°N, 19°W) during the passage of the great salinity anomaly, 1971-1975. Deep-Sea Research Part I: Oceanographic Research Papers, 2000, 47, 1-26.	1.4	24
125	Zooplankton communities and oceanographic structures in a high-resolution grid in the south-eastern corner of the Bay of Biscay. Estuarine, Coastal and Shelf Science, 2007, 75, 433-446.	2.1	24
126	Metabarcoding Reveals Seasonal and Temperature-Dependent Succession of Zooplankton Communities in the Red Sea. Frontiers in Marine Science, 2017, 4, .	2.5	23

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127	Consistent variability in beta-diversity patterns contrasts with changes in alpha-diversity along an onshore to offshore environmental gradient: the case of Red Sea soft-bottom macrobenthos. <i>Marine Biodiversity</i> , 2019, 49, 247-262.	1.0	23
128	Gut clearance rate as predictor of food limitation situations. Application to two estuarine copepods: <i>Acartia bifilosa</i> and <i>Eurytemora affinis</i> . <i>Marine Ecology - Progress Series</i> , 1996, 131, 159-163.	1.9	23
129	Secondary production of <i>Calanus helgolandicus</i> in the Western English Channel. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 313, 29-46.	1.5	22
130	Modelling growth of larval anchovies including diel feeding patterns, temperature and body size. <i>Journal of Plankton Research</i> , 2008, 30, 1369-1383.	1.8	22
131	Bacterial and protist community changes during a phytoplankton bloom. <i>Limnology and Oceanography</i> , 2016, 61, 198-213.	3.1	22
132	Seasonal modulation of mesoscale processes alters nutrient availability and plankton communities in the Red Sea. <i>Progress in Oceanography</i> , 2019, 173, 238-255.	3.2	21
133	Egg and faecal pellet production rates of the marine copepod <i>Metridia gerlachei</i> northwest of the Antarctic Peninsula. <i>Polar Biology</i> , 1997, 18, 273-279.	1.2	20
134	Factors determining the distribution and beta diversity of mesozooplankton species in shelf and coastal waters of the Bay of Biscay. <i>Journal of Plankton Research</i> , 2011, 33, 1182-1192.	1.8	20
135	Food from the ocean; towards a research agenda for sustainable use of our oceans' natural resources. <i>Marine Policy</i> , 2019, 105, 44-51.	3.2	20
136	Climate regime shifts and biodiversity redistribution in the Bay of Biscay. <i>Science of the Total Environment</i> , 2022, 803, 149622.	8.0	20
137	Fecundity limitation of <i>Calanus helgolandicus</i> , by the parasite <i>Ellobiopsis</i> sp.. <i>Journal of Plankton Research</i> , 2006, 28, 413-418.	1.8	19
138	Comparative population structure, abundance and vertical distribution of six copepod species in the North Atlantic: Evidence for intraguild predation?. <i>Marine Biology Research</i> , 2006, 2, 276-290.	0.7	19
139	Spatial distribution of the stomach weights of juvenile anchovy (<i>Engraulis encrasicolus</i> L.) in the Bay of Biscay. <i>ICES Journal of Marine Science</i> , 2013, 70, 362-378.	2.5	19
140	Pan-regional marine benthic cryptobiome biodiversity patterns revealed by metabarcoding Autonomous Reef Monitoring Structures. <i>Molecular Ecology</i> , 2020, 29, 4882-4897.	3.9	19
141	Intraguild predation between small pelagic fish in the Bay of Biscay: impact on anchovy (<i>Engraulis</i>) Tj ETQq1 1 0.784314 rgBT /Overlook	1.5	18
142	Evaluating machine-learning techniques for recruitment forecasting of seven North East Atlantic fish species. <i>Ecological Informatics</i> , 2015, 25, 35-42.	5.2	18
143	Seasonal variability and vertical distribution of autotrophic and heterotrophic picoplankton in the Central Red Sea. <i>PeerJ</i> , 2020, 8, e8612.	2.0	18
144	Physiology and population structure of <i>Calanus finmarchicus</i> (Copepoda: Calanoida) during a Lagrangian tracer release experiment in the North Atlantic. <i>Journal of Plankton Research</i> , 2000, 22, 205-221.	1.8	17

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145	Marine microplankton diversity database. <i>Ecology</i> , 2013, 94, 1658-1658.	3.2	17
146	Functional differences in the allometry of the water, carbon and nitrogen content of gelatinous organisms. <i>Journal of Plankton Research</i> , 2015, 37, 989-1000.	1.8	17
147	Extracellular DNA amplicon sequencing reveals high levels of benthic eukaryotic diversity in the central Red Sea. <i>Marine Genomics</i> , 2016, 26, 29-39.	1.1	17
148	Limitation of egg production in <i>Calanus finmarchicus</i> in the field: A stoichiometric analysis. <i>Journal of Marine Systems</i> , 2009, 78, 511-517.	2.1	16
149	Picocyanobacteria Community and Cyanophage Infection Responses to Nutrient Enrichment in a Mesocosms Experiment in Oligotrophic Waters. <i>Frontiers in Microbiology</i> , 2020, 11, 1153.	3.5	15
150	Improving semiautomated zooplankton classification using an internal control and different imaging devices. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 1-9.	2.0	14
151	No loss of genetic diversity in the exploited and recently collapsed population of Bay of Biscay anchovy (<i>Engraulis encrasicolus</i> , L.). <i>Marine Biology</i> , 2016, 163, 1.	1.5	14
152	Transcriptome analysis deciphers evolutionary mechanisms underlying genetic differentiation between coastal and offshore anchovy populations in the Bay of Biscay. <i>Marine Biology</i> , 2016, 163, 1.	1.5	14
153	Spatial dynamics of juvenile anchovy in the Bay of Biscay. <i>Fisheries Oceanography</i> , 2016, 25, 529-543.	1.7	14
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