

Xabier Irigoien

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4986636/publications.pdf>

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	Climate regime shifts and biodiversity redistribution in the Bay of Biscay. <i>Science of the Total Environment</i> , 2022, 803, 149622.	8.0	20
2	Diel dynamics of dissolved organic matter and heterotrophic prokaryotes reveal enhanced growth at the ocean's mesopelagic fish layer during daytime. <i>Science of the Total Environment</i> , 2022, 804, 150098.	8.0	9
3	Seasonality and interannual variability of copepods in the Western English Channel, Celtic Sea, Bay of Biscay, and Cantabrian Sea with a special emphasis to <i>Calanus helgolandicus</i> and <i>Acartia clausi</i> . <i>ICES Journal of Marine Science</i> , 2022, 79, 727-740.	2.5	4
4	Subseafloor Archaea reflect 139 kyrs of paleodepositional changes in the northern Red Sea. <i>Geobiology</i> , 2021, 19, 162-172.	2.4	6
5	The global network of ports supporting high seas fishing. <i>Science Advances</i> , 2021, 7, .	10.3	11
6	Genomic landscape of geographically structured colour polymorphism in a temperate marine fish. <i>Molecular Ecology</i> , 2021, 30, 1281-1296.	3.9	6
7	Reply to: Caution over the use of ecological big data for conservation. <i>Nature</i> , 2021, 595, E20-E28.	27.8	4
8	Reply to: Shark mortality cannot be assessed by fishery overlap alone. <i>Nature</i> , 2021, 595, E8-E16.	27.8	7
9	Vertical stratification of environmental <i>scp</i> 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
10	The Simrad EK60 echosounder dataset from the Malaspina circumnavigation. <i>Scientific Data</i> , 2021, 8, 259.	5.3	2
11	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
12	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
13	Sequencing effort dictates gene discovery in marine microbial metagenomes. <i>Environmental Microbiology</i> , 2020, 22, 4589-4603.	3.8	13
14	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
15	The oceans' twilight zone must be studied now, before it is too late. <i>Nature</i> , 2020, 580, 26-28.	27.8	73
16	Seasonal variability and vertical distribution of autotrophic and heterotrophic picoplankton in the Central Red Sea. <i>PeerJ</i> , 2020, 8, e8612.	2.0	18
17	Composition, uniqueness and connectivity across tropical coastal lagoon habitats in the Red Sea. <i>BMC Ecology</i> , 2020, 20, 61.	3.0	5
18	Global spatial risk assessment of sharks under the footprint of fisheries. <i>Nature</i> , 2019, 572, 461-466.	27.8	254

#	ARTICLE	IF	CITATIONS
19	Long-Term Impacts of the 1997-1998 Bleaching Event on the Growth and Resilience of Massive <i>Porites</i> Corals From the Central Red Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 2936-2954.	2.5	14
20	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
21	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
22	Earlier migration and distribution changes of albacore in the Northeast Atlantic. <i>Fisheries Oceanography</i> , 2019, 28, 505-516.	1.7	14
23	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
24	Scaling of species distribution explains the vast potential marine prokaryote diversity. <i>Scientific Reports</i> , 2019, 9, 18710.	3.3	8
25	Historical trends and future distribution of anchovy spawning in the Bay of Biscay. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 159, 169-182.	1.4	26
26	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
27	High-Throughput Sequencing and Linkage Mapping of a Clownfish Genome Provide Insights on the Distribution of Molecular Players Involved in Sex Change. <i>Scientific Reports</i> , 2018, 8, 4073.	3.3	12
28	Large-scale ocean connectivity and planktonic body size. <i>Nature Communications</i> , 2018, 9, 142.	12.8	102
29	Remobilization of Heavy Metals by Mangrove Leaves. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	32
30	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
31	Carbon stocks and accumulation rates in Red Sea seagrass meadows. <i>Scientific Reports</i> , 2018, 8, 15037.	3.3	41
32	Leaf Nutrient Resorption and Export Fluxes of <i>Avicennia marina</i> in the Central Red Sea Area. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	8
33	The Arctic Ocean as a dead end for floating plastics in the North Atlantic branch of the Thermohaline Circulation. <i>Science Advances</i> , 2017, 3, e1600582.	10.3	417
34	Low Carbon sink capacity of Red Sea mangroves. <i>Scientific Reports</i> , 2017, 7, 9700.	3.3	87
35	Climate oscillations reflected within the microbiome of Arabian Sea sediments. <i>Scientific Reports</i> , 2017, 7, 6040.	3.3	74
36	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

#	ARTICLE	IF	CITATIONS
37	Pushing the limits of photoreception in twilight conditions: The rod-like cone retina of the deep-sea pearlsheds. <i>Science Advances</i> , 2017, 3, eaao4709.	10.3	55
38	Global patterns in mangrove soil carbon stocks and losses. <i>Nature Climate Change</i> , 2017, 7, 523-528.	18.8	412
39	Comparative metatranscriptomics reveals decline of a neustonic planktonic population. <i>Limnology and Oceanography</i> , 2017, 62, 299-310.	3.1	9
40	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
41	Genetic Diversity and Connectivity in <i>Mauroliticus muelleri</i> in the Bay of Biscay Inferred from Thousands of SNP Markers. <i>Frontiers in Genetics</i> , 2017, 8, 195.	2.3	14
42	Metabarcoding Reveals Seasonal and Temperature-Dependent Succession of Zooplankton Communities in the Red Sea. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	23
43	Light penetration structures the deep acoustic scattering layers in the global ocean. <i>Science Advances</i> , 2017, 3, e1602468.	10.3	79
44	Exploring the larval fish community of the central Red Sea with an integrated morphological and molecular approach. <i>PLoS ONE</i> , 2017, 12, e0182503.	2.5	28
45	Benchmarking DNA Metabarcoding for Biodiversity-Based Monitoring and Assessment. <i>Frontiers in Marine Science</i> , 2016, 3, .	2.5	157
46	Nutrient Limitation in Central Red Sea Mangroves. <i>Frontiers in Marine Science</i> , 2016, 3, .	2.5	59
47	Population structure of Atlantic mackerel inferred from RAD-derived SNP markers: effects of sequence clustering parameters and hierarchical SNP selection. <i>Molecular Ecology Resources</i> , 2016, 16, 991-1001.	4.8	66
48	Interannual differences in growth and hatch-date distributions of early juvenile European anchovy in the Bay of Biscay: implications for recruitment. <i>Fisheries Oceanography</i> , 2016, 25, 147-163.	1.7	6
49	Phenology and Growth dynamics of <i>Avicennia marina</i> in the Central Red Sea. <i>Scientific Reports</i> , 2016, 6, 37785.	3.3	45
50	Large scale patterns in vertical distribution and behaviour of mesopelagic scattering layers. <i>Scientific Reports</i> , 2016, 6, 19873.	3.3	170
51	A quantitative assessment of Arctic shipping in 2010–2014. <i>Scientific Reports</i> , 2016, 6, 30682.	3.3	140
52	Bacterial and protist community changes during a phytoplankton bloom. <i>Limnology and Oceanography</i> , 2016, 61, 198-213.	3.1	22
53	On the absence of genetic differentiation between morphotypes of the ballan wrasse <i>Labrus bergylta</i> (Labridae). <i>Marine Biology</i> , 2016, 163, 1.	1.5	7
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	The influence of nitrogen inputs on biomass and trophic structure of ocean plankton: a study using biomass and stable isotope size-spectra. <i>Journal of Plankton Research</i> , 2016, 38, 1163-1177.	1.8	12
57	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
58	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
59	Spatial dynamics of juvenile anchovy in the Bay of Biscay. <i>Fisheries Oceanography</i> , 2016, 25, 529-543.	1.7	14
60	Sex Change in Clownfish: Molecular Insights from Transcriptome Analysis. <i>Scientific Reports</i> , 2016, 6, 35461.	3.3	88
61	Dispersal similarly shapes both population genetics and community patterns in the marine realm. <i>Scientific Reports</i> , 2016, 6, 28730.	3.3	45
62	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
63	The contribution of migratory mesopelagic fishes to neuston fish assemblages across the Atlantic, Indian and Pacific Oceans. <i>Marine and Freshwater Research</i> , 2016, 67, 1114.	1.3	28
64	Decadal stability of Red Sea mangroves. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 169, 164-172.	2.1	73
65	Global effects of moon phase on nocturnal acoustic scattering layers. <i>Marine Ecology - Progress Series</i> , 2016, 544, 65-75.	1.9	30
66	Variability of mesozooplankton biomass and individual size in a coast-offshore transect in the Catalan Sea: relationships with chlorophyll <i>a</i> and hydrographic features. <i>Scientia Marina</i> , 2016, 80, 79-87.	0.6	13
67	Born small, die young: Intrinsic, size-selective mortality in marine larval fish. <i>Scientific Reports</i> , 2015, 5, 17065.	3.3	73
68	Plastic Accumulation in the Mediterranean Sea. <i>PLoS ONE</i> , 2015, 10, e0121762.	2.5	553
69	Assessment of Zooplankton Community Composition along a Depth Profile in the Central Red Sea. <i>PLoS ONE</i> , 2015, 10, e0133487.	2.5	30
70	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
71	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
72	Macrozooplankton predation impact on anchovy (<i>Engraulis encrasicolus</i>) eggs mortality at the Bay of Biscay shelf break spawning centre. <i>ICES Journal of Marine Science</i> , 2015, 72, 1370-1379.	2.5	3

#	ARTICLE	IF	CITATIONS
73	A real-time PCR assay to estimate invertebrate and fish predation on anchovy eggs in the Bay of Biscay. <i>Progress in Oceanography</i> , 2015, 131, 82-99.	3.2	13
74	Biological characteristics of the hydrological landscapes in the Bay of Biscay in spring 2009. <i>Fisheries Oceanography</i> , 2015, 24, 26-41.	1.7	2
75	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
76	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
77	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
78	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
79	Zooplankton diversity across three Red Sea reefs using pyrosequencing. <i>Frontiers in Marine Science</i> , 2014, 1, .	2.5	37
80	Plastic debris in the open ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10239-10244.	7.1	2,157
81	Large mesopelagic fishes biomass and trophic efficiency in the open ocean. <i>Nature Communications</i> , 2014, 5, 3271.	12.8	561
82	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
83	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
84	Biomass changes and trophic amplification of plankton in a warmer ocean. <i>Global Change Biology</i> , 2014, 20, 2124-2139.	9.5	176
85	Acoustics Reveals the Presence of a Macrozooplankton Biocline in the Bay of Biscay in Response to Hydrological Conditions and Predator-Prey Relationships. <i>PLoS ONE</i> , 2014, 9, e88054.	2.5	12
86	Links between the recruitment success of northern European hake (<i>Merluccius merluccius</i>) and a regime shift on the NE Atlantic continental shelf. <i>Fisheries Oceanography</i> , 2013, 22, 459-476.	1.7	11
87	Euphausiid crustaceans in marine ecosystems: a contribution to the development of a new hypothesis about the role of depth on metabolic rates. <i>Marine Biology</i> , 2013, 160, 249-250.	1.5	1
88	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
89	Latitudinal phytoplankton distribution and the neutral theory of biodiversity. <i>Global Ecology and Biogeography</i> , 2013, 22, 531-543.	5.8	93
90	Supervised pre-processing approaches in multiple class variables classification for fish recruitment forecasting. <i>Environmental Modelling and Software</i> , 2013, 40, 245-254.	4.5	29

#	ARTICLE	IF	CITATIONS
91	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
92	Marine microplankton diversity database. Ecology, 2013, 94, 1658-1658.	3.2	17
93	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. ICES Journal of Marine Science, 2013, 70, 1354-1368.	2.5	48
94	Modelling the spatio-temporal distribution of age-1 Bay of Biscay anchovy (<i>Engraulis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	0.6	4
95	Improving semiautomated zooplankton classification using an internal control and different imaging devices. Limnology and Oceanography: Methods, 2012, 10, 1-9.	2.0	14
96	Multiple SNP Markers Reveal Fine-Scale Population and Deep Phylogeographic Structure in European Anchovy (<i>Engraulis encrasicolus</i> L.). PLoS ONE, 2012, 7, e42201.	2.5	60
97	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2011 â€“ 30 November 2011. Molecular Ecology Resources, 2012, 12, 374-376.	4.8	69
98	Anchovy population expansion in the North Sea. Marine Ecology - Progress Series, 2012, 444, 1-13.	1.9	98
99	Predicting marine phytoplankton community size structure from empirical relationships with remotely sensed variables. Journal of Plankton Research, 2011, 33, 13-24.	1.8	56
100	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
101	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
102	Factors determining the distribution and betadiversity of mesozooplankton species in shelf and coastal waters of the Bay of Biscay. Journal of Plankton Research, 2011, 33, 1182-1192.	1.8	20
103	The role of intraguild predation in the population dynamics of small pelagic fish. Marine Biology, 2011, 158, 1683-1690.	1.5	46
104	The potential use of a Gadget model to predict stock responses to climate change in combination with Bayesian networks: the case of Bay of Biscay anchovy. ICES Journal of Marine Science, 2011, 68, 1257-1269.	2.5	13
105	Climate change impacts on coastal and pelagic environments in the southeastern Bay of Biscay. Climate Research, 2011, 48, 307-332.	1.1	37
106	Climate impacts on albacore and bluefin tunas migrations phenology and spatial distribution. Progress in Oceanography, 2010, 86, 283-290.	3.2	78
107	Fish recruitment prediction, using robust supervised classification methods. Ecological Modelling, 2010, 221, 338-352.	2.5	58
108	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. Fisheries Oceanography, 2010, 19, 196-208.	1.7	32

#	ARTICLE	IF	CITATIONS
109	Dynamics of marine ecosystems: observation and experimentation. , 2010, , 129-178.		0
110	Optimizing the number of classes in automated zooplankton classification. Journal of Plankton Research, 2009, 31, 19-29.	1.8	38
111	Egg production and associated losses of carbon, nitrogen and fatty acids from maternal biomass in <i>Calanus finmarchicus</i> before the spring bloom. Journal of Marine Systems, 2009, 78, 505-510.	2.1	36
112	Limitation of egg production in <i>Calanus finmarchicus</i> in the field: A stoichiometric analysis. Journal of Marine Systems, 2009, 78, 511-517.	2.1	16
113	Aldehyde-induced insidious effects cannot be considered as a diatom defence mechanism against copepods. Marine Ecology - Progress Series, 2009, 377, 79-89.	1.9	37
114	From egg to juvenile in the Bay of Biscay: spatial patterns of anchovy (<i>Engraulis encrasicolus</i>) recruitment in a non-upwelling region. Fisheries Oceanography, 2008, 17, 446-462.	1.7	36
115	Spatial demography of <i>Calanus finmarchicus</i> in the Irminger Sea. Progress in Oceanography, 2008, 76, 39-88.	3.2	47
116	Validation of daily increments deposition in the otoliths of European anchovy larvae (<i>Engraulis</i>) Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 46	1.7	47
117	Feeding of <i>Calanus finmarchicus</i> and <i>Oithona similis</i> on the microplankton assemblage in the Irminger Sea, North Atlantic. Journal of Plankton Research, 2008, 30, 1095-1116.	1.8	55
118	Changes in plankton size structure and composition, during the generation of a phytoplankton bloom, in the central Cantabrian sea. Journal of Plankton Research, 2008, 31, 193-207.	1.8	37
119	Modelling growth of larval anchovies including diel feeding patterns, temperature and body size. Journal of Plankton Research, 2008, 30, 1369-1383.	1.8	22
120	Modelling the influence of abiotic and biotic factors on plankton distribution in the Bay of Biscay, during three consecutive years (2004-06). Journal of Plankton Research, 2008, 30, 857-872.	1.8	30
121	Spring zooplankton distribution in the Bay of Biscay from 1998 to 2006 in relation with anchovy recruitment. Journal of Plankton Research, 2008, 31, 1-17.	1.8	79
122	Effects of Lugol's fixation on the size structure of natural nano-microplankton samples, analyzed by means of an automatic counting method. Journal of Plankton Research, 2008, 30, 1297-1303.	1.8	60
123	Distribution, growth and survival of anchovy larvae (<i>Engraulis encrasicolus</i> L.) in relation to hydrodynamic and trophic environment in the Bay of Biscay. Journal of Plankton Research, 2008, 30, 467-481.	1.8	38
124	Regional and temporal variation of <i>Oithona</i> spp. biomass, stage structure and productivity in the Irminger Sea, North Atlantic. Journal of Plankton Research, 2007, 29, 1051-1070.	1.8	41
125	Fine scale zooplankton distribution in the Bay of Biscay in spring 2004. Journal of Plankton Research, 2007, 29, 851-870.	1.8	33
126	RAPID: Research on Automated Plankton Identification. Oceanography, 2007, 20, 172-187.	1.0	409

#	ARTICLE	IF	CITATIONS
127	Zooplankton communities and oceanographic structures in a high-resolution grid in the south-eastern corner of the Bay of Biscay. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 75, 433-446.	2.1	24
128	Could Biscay Bay Anchovy recruit through a spatial loophole?. <i>Progress in Oceanography</i> , 2007, 74, 132-148.	3.2	65
129	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
130	Scaling the metabolic balance of the oceans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8739-8744.	7.1	487
131	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
132	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
133	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
134	Reply to Horizons Article "Castles built on sand: dysfunctionality in plankton models and the inadequacy of dialogue between biologists and modellers" Flynn (2005). Shiny mathematical castles built on grey biological sands. <i>Journal of Plankton Research</i> , 2006, 28, 965-967.	1.8	8
135	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
136	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
137	Different measures of biodiversity (Reply). <i>Nature</i> , 2005, 433, E9-E9.	27.8	1
138	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. <i>Journal of Plankton Research</i> , 2005, 27, 735-742.	1.8	26
139	Phytoplankton blooms: a "loophole" in microzooplankton grazing impact?. <i>Journal of Plankton Research</i> , 2005, 27, 313-321.	1.8	371
140	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
141	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
142	Global biodiversity patterns of marine phytoplankton and zooplankton. <i>Nature</i> , 2004, 429, 863-867.	27.8	369
143	Is weight an important parameter when measuring copepod growth?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 313, 19-27.	1.5	5
144	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

#	ARTICLE	IF	CITATIONS
145	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
146	How well does the Continuous Plankton Recorder (CPR) sample zooplankton? A comparison with the Longhurst Hardy Plankton Recorder (LHPR) in the northeast Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2004, 51, 1283-1294.	1.4	27
147	Zooplankton communities. <i>Elsevier Oceanography Series</i> , 2004, 70, 395-423.	0.1	8
148	Flexible diel vertical migration behaviour of zooplankton in the Irish Sea. <i>Marine Ecology - Progress Series</i> , 2004, 267, 85-97.	1.9	71
149	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
150	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
151	Interannual variability of <i>Calanus helgolandicus</i> in the English Channel. <i>Fisheries Oceanography</i> , 2003, 12, 317-326.	1.7	27
152	Convection and primary production in winter. <i>Marine Ecology - Progress Series</i> , 2003, 251, 1-14.	1.9	91
153	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
154	Food limitation and growth in temperate epipelagic appendicularians (Tunicata). <i>Marine Ecology - Progress Series</i> , 2003, 252, 143-157.	1.9	43
155	Feeding of <i>Calanus finmarchicus</i> nauplii in the Irminger Sea. <i>Marine Ecology - Progress Series</i> , 2003, 262, 193-200.	1.9	54
156	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
157	Copepod hatching success in marine ecosystems with high diatom concentrations. <i>Nature</i> , 2002, 419, 387-389.	27.8	233
158	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
159	Egg production rates of <i>Calanus helgolandicus</i> females reared in the laboratory: variability due to present and past feeding conditions. <i>Marine Ecology - Progress Series</i> , 2002, 238, 139-151.	1.9	30
160	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
161	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
162	Trophic dynamics. , 2001, , 112-157.		52

#	ARTICLE	IF	CITATIONS
163	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
164	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
165	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
166	Feeding, growth, and reproduction in the genus <i>Calanus</i> . <i>ICES Journal of Marine Science</i> , 2000, 57, 1708-1726.	2.5	67
167	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
168	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
169	Does turbulence play a role in feeding and reproduction of <i>Calanus finmarchicus</i> ?. <i>Journal of Plankton Research</i> , 2000, 22, 399-407.	1.8	13
170	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. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2000, 47, 1-26.	1.4	24
171	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
172	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
173	Zooplankton dynamics in a mesoscale eddy-jet system off California. <i>Marine Ecology - Progress Series</i> , 2000, 201, 165-178.	1.9	38
174	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
175	A comparative study of size-fractionated mesozooplankton biomass and grazing in the North East Atlantic. <i>Journal of Plankton Research</i> , 1999, 21, 2285-2308.	1.8	29
176	Nycthemeral variations of the dissolved oxygen concentration in the turbidity maximum of three European estuaries: biological vs. physical processes. <i>Journal of Marine Systems</i> , 1999, 22, 173-177.	2.1	7
177	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
178	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
179	A high frequency time series at Weathership M, Norwegian Sea, during the 1997 spring bloom: the reproductive biology of <i>Calanus finmarchicus</i> . <i>Marine Ecology - Progress Series</i> , 1999, 176, 81-92.	1.9	130
180	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

#	ARTICLE	IF	CITATIONS
181	Gut clearance rate constant, temperature and initial gut contents: a review. <i>Journal of Plankton Research</i> , 1998, 20, 997-1003.	1.8	65
182	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
183	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
184	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
185	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
186	Copepods and DMSP. , 1996, , 239-252.		28
187	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
188	Copepod feeding in the Westerschelde and the Gironde. <i>Hydrobiologia</i> , 1995, 311, 71-83.	2.0	25
189	Feeding rates and productivity of the copepod <i>Acartia bifilosa</i> in a highly turbid estuary; the Gironde (SW France). <i>Hydrobiologia</i> , 1995, 311, 115-125.	2.0	53