Gregory Beaugrand

List of Publications by Year
in descending order

178 papers	17,089 citations	13099 68 h-index	15732 125 g-index
181 all docs	181 docs citations	181 times ranked	13647 citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of climate change on marine pelagic phenology and trophic mismatch. Nature, 2004, 430, 881-884.	27.8	1,740
2	Plankton effect on cod recruitment in the North Sea. Nature, 2003, 426, 661-664.	27.8	1,012
3	Reorganization of North Atlantic Marine Copepod Biodiversity and Climate. Science, 2002, 296, 1692-1694.	12.6	996
4	The North Sea regime shift: Evidence, causes, mechanisms and consequences. Progress in Oceanography, 2004, 60, 245-262.	3.2	480
5	From plankton to top predators: bottom-up control of a marine food web across four trophic levels. Journal of Animal Ecology, 2006, 75, 1259-1268.	2.8	444
6	Long-term changes in phytoplankton, zooplankton and salmon related to climate. Global Change Biology, 2003, 9, 801-817.	9.5	380
7	Climate Variability, Fish, and Fisheries. Journal of Climate, 2006, 19, 5009-5030.	3.2	364
8	Regime shifts in marine ecosystems: detection, prediction and management. Trends in Ecology and Evolution, 2008, 23, 402-409.	8.7	339
9	Climate influence on <i>Vibrio</i> and associated human diseases during the past half-century in the coastal North Atlantic. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5062-71.	7.1	316
10	Phytoplankton change in the North Atlantic. Nature, 1998, 391, 546-546.	27.8	290
11	Changes in marine dinoflagellate and diatom abundance under climate change. Nature Climate Change, 2012, 2, 271-275.	18.8	249
12	Timing and abundance as key mechanisms affecting trophic interactions in variable environments. Ecology Letters, 2005, 8, 952-958.	6.4	225
13	Causes and projections of abrupt climateâ€driven ecosystem shifts in the North Atlantic. Ecology Letters, 2008, 11, 1157-1168.	6.4	225
14	Global impacts of the 1980s regime shift. Global Change Biology, 2016, 22, 682-703.	9.5	225
15	Marine biodiversity, ecosystem functioning, and carbon cycles. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10120-10124.	7.1	220
16	On the processes linking climate to ecosystem changes. Journal of Marine Systems, 2010, 79, 374-388.	2.1	219
17	Marine plankton phenology and life history in a changing climate: current research and future directions. Journal of Plankton Research, 2010, 32, 1355-1368.	1.8	201
18	Ocean climate anomalies and the ecology of the North Sea. Marine Ecology - Progress Series, 2002, 239, 1-10.	1.9	199

#	Article	IF	Citations
19	Global climate change amplifies the entry of tropical species into the eastern Mediterranean Sea. Limnology and Oceanography, 2010, 55, 1478-1484.	3.1	197
20	Large bio-geographical shifts in the north-eastern Atlantic Ocean: From the subpolar gyre, via plankton, to blue whiting and pilot whales. Progress in Oceanography, 2009, 80, 149-162.	3.2	196
21	Periodic changes in the zooplankton of the North Sea during the twentieth century linked to oceanic inflow. Fisheries Oceanography, 2003, 12, 260-269.	1.7	167
22	Detecting regime shifts in the ocean: Data considerations. Progress in Oceanography, 2004, 60, 143-164.	3.2	163
23	Dynamic biogeochemical provinces in the global ocean. Global Biogeochemical Cycles, 2013, 27, 1046-1058.	4.9	162
24	A biological consequence of reducing Arctic ice cover: arrival of the Pacific diatom <i>Neodenticula seminae</i> in the North Atlantic for the first time in 800â€ƒ000 years. Global Change Biology, 2007, 13, 1910-1921.	9.5	157
25	The Mediterranean Sea Regime Shift at the End of the 1980s, and Intriguing Parallelisms with Other European Basins. PLoS ONE, 2010, 5, e10633.	2.5	156
26	Biogeochemical fluxes through mesozooplankton. Global Biogeochemical Cycles, 2006, 20, n/a-n/a.	4.9	155
27	Long-term changes in copepod abundance and diversity in the north-east Atlantic in relation to fluctuations in the hydroclimatic environment. Fisheries Oceanography, 2003, 12, 270-283.	1.7	150
28	Decadal changes in climate and ecosystems in the North Atlantic Ocean and adjacent seas. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 656-673.	1.4	147
29	Trophic amplification of climate warming. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 4095-4103.	2.6	143
30	Future climateâ€driven shifts in distribution of <i>Calanus finmarchicus</i>. Global Change Biology, 2011, 17, 756-766.	9.5	141
31	An overview of Calanus helgolandicus ecology in European waters. Progress in Oceanography, 2005, 65, 1-53.	3.2	136
32	Evaluating marine ecosystem health: Case studies of indicators using direct observations and modelling methods. Ecological Indicators, 2013, 24, 353-365.	6.3	135
33	Multi-decadal oceanic ecological datasets and their application in marine policy and management. Trends in Ecology and Evolution, 2010, 25, 602-610.	8.7	134
34	Ocean community warming responses explained by thermal affinities and temperature gradients. Nature Climate Change, 2019, 9, 959-963.	18.8	134
35	Decline in Kelp in West Europe and Climate. PLoS ONE, 2013, 8, e66044.	2.5	133
36	the response of marine ecosystems to climate variability associated with the North Atlantic Oscillation. Geophysical Monograph Series, 2003, , 211-234.	0.1	132

#	Article	IF	Citations
37	A holistic view of marine regime shifts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130279.	4.0	131
38	Climate, plankton and cod. Global Change Biology, 2010, 16, 1268-1280.	9.5	129
39	Diversity of calanoid copepods in the North Atlantic and adjacent seas: species associations and biogeography. Marine Ecology - Progress Series, 2002, 232, 179-195.	1.9	125
40	Macroecology of Calanus finmarchicus and C. helgolandicus in the North Atlantic Ocean and adjacent seas. Marine Ecology - Progress Series, 2007, 345, 147-165.	1.9	123
41	Comparisons of zooplankton time series. Journal of Marine Systems, 2010, 79, 286-304.	2.1	121
42	Future vulnerability of marine biodiversity compared with contemporary and past changes. Nature Climate Change, 2015, 5, 695-701.	18.8	120
43	Monitoring pelagic ecosystems using plankton indicators. ICES Journal of Marine Science, 2005, 62, 333-338.	2.5	119
44	Climate effects and benthicÂ–pelagic coupling in the North Sea. Marine Ecology - Progress Series, 2007, 330, 31-38.	1.9	112
45	Chapter 1 Impacts of the Oceans on Climate Change. Advances in Marine Biology, 2009, 56, 1-150.	1.4	110
46	Is observed variability in the longâ€term results of the Continuous Plankton Recorder survey a response to climate change?. Fisheries Oceanography, 1998, 7, 282-288.	1.7	108
47	Global latitudinal variations in marine copepod diversity and environmental factors. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3053-3062.	2.6	108
48	Is there a decline in marine phytoplankton?. Nature, 2011, 472, E6-E7.	27.8	108
49	Synergistic Effects of Climate and Fishing in a Marine Ecosystem. Ecosystems, 2009, 12, 548-561.	3.4	107
50	Uncertainties in the projection of species distributions related to general circulation models. Ecology and Evolution, 2015, 5, 1100-1116.	1.9	107
51	Spatial, seasonal and long-term fluctuations of plankton in relation to hydroclimatic features in the English Channel, Celtic Sea and Bay of Biscay. Marine Ecology - Progress Series, 2000, 200, 93-102.	1.9	106
52	Marine Ecosystem Response to the Atlantic Multidecadal Oscillation. PLoS ONE, 2013, 8, e57212.	2.5	105
53	Marine regime shifts around the globe: theory, drivers and impacts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130260.	4.0	102
54	Food web indicators under the Marine Strategy Framework Directive: From complexity to simplicity?. Ecological Indicators, 2013, 29, 246-254.	6.3	99

#	Article	IF	Citations
55	Relationships between North Atlantic salmon, plankton, and hydroclimatic change in the Northeast Atlantic. ICES Journal of Marine Science, 2012, 69, 1549-1562.	2.5	98
56	Warming shelf seas drive the subtropicalization of European pelagic fish communities. Global Change Biology, 2015, 21, 144-153.	9.5	96
57	Modelled spatial distribution of marine fish and projected modifications in the North Atlantic Ocean. Global Change Biology, 2011, 17, 115-129.	9.5	92
58	Monitoring marine plankton ecosystems. II: Long-term changes in North Sea calanoid copepods in relation to hydro-climatic variability. Marine Ecology - Progress Series, 2004, 284, 35-47.	1.9	92
59	How Do Marine Pelagic Species Respond to Climate Change? Theories and Observations. Annual Review of Marine Science, 2018, 10, 169-197.	11.6	91
60	Long-term changes in the pelagos, benthos and fisheries of the North Sea. Senckenbergiana Maritima, 2001, 31, 107-115.	0.5	85
61	Long-term responses of North Atlantic calcifying plankton to climate change. Nature Climate Change, 2013, 3, 263-267.	18.8	85
62	Geographical distribution and seasonal and diel changes in the diversity of calanoid copepods in the North Atlantic and North Sea. Marine Ecology - Progress Series, 2001, 219, 189-203.	1.9	85
63	Coccolithophore bloom size variation in response to the regional environment of the subarctic North Atlantic. Limnology and Oceanography, 2006, 51, 2122-2130.	3.1	83
64	Spawning stock and recruitment in North Sea cod shaped by food and climate. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 504-510.	2.6	83
65	Prediction of unprecedented biological shifts in the global ocean. Nature Climate Change, 2019, 9, 237-243.	18.8	80
66	Physiology, Ecological Niches and Species Distribution. Ecosystems, 2009, 12, 1235-1245.	3.4	78
67	Toxic marine microalgae and shellfish poisoning in the British isles: history, review of epidemiology, and future implications. Environmental Health, 2011, 10, 54.	4.0	75
68	Climate-driven changes in coastal marine systems of western Europe. Marine Ecology - Progress Series, 2010, 408, 129-147.	1.9	74
69	Extending the SeaWiFS chlorophyll data set back 50 years in the northeast Atlantic. Geophysical Research Letters, 2005, 32, .	4.0	73
70	Biogeography of tuna and billfish communities. Journal of Biogeography, 2012, 39, 114-129.	3.0	73
71	Synchronous marine pelagic regime shifts in the Northern Hemisphere. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130272.	4.0	72
72	Climateâ€induced effects on the meroplankton and the benthicâ€pelagic ecology of the North Sea. Limnology and Oceanography, 2008, 53, 1805-1815.	3.1	68

#	Article	IF	Citations
73	Foraging distributions of little auks Alle alle across the Greenland Sea: implications of present and future Arctic climate change. Marine Ecology - Progress Series, 2010, 415, 283-293.	1.9	66
74	Phytoplankton biomass from continuous plankton recorder data: an assessment of the phytoplankton colour index. Journal of Plankton Research, 2003, 25, 697-702.	1.8	62
75	Spatial dependence of calanoid copepod diversity in the North Atlantic Ocean. Marine Ecology - Progress Series, 2002, 232, 197-211.	1.9	62
76	Climate change impact on Balearic shearwater through a trophic cascade. Biology Letters, 2011, 7, 702-705.	2.3	59
77	Oceanographic changes and exploitation drive the spatioâ€temporal dynamics of <scp>A</scp>tlantic bluefin tuna <i>(Thunnus thynnus)</i>. Fisheries Oceanography, 2014, 23, 147-156.	1.7	59
78	Atlantic Multidecadal Oscillations drive the basin-scale distribution of Atlantic bluefin tuna. Science Advances, 2019, 5, eaar6993.	10.3	58
79	Towards an understanding of the pattern of biodiversity in the oceans. Global Ecology and Biogeography, 2013, 22, 440-449.	5.8	57
80	A Global Plankton Diversity Monitoring Program. Frontiers in Marine Science, 2019, 6, .	2.5	57
81	Biodiversity of North Atlantic and North Sea calanoid copepods. Marine Ecology - Progress Series, 2000, 204, 299-303.	1.9	55
82	Marine biological shifts and climate. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133350.	2.6	52
83	A new model to assess the probability of occurrence of a species, based on presence-only data. Marine Ecology - Progress Series, 2011, 424, 175-190.	1.9	51
84	Climate, copepods and seabirds in the boreal Northeast Atlantic â€“ current state and future outlook. Global Change Biology, 2013, 19, 364-372.	9.5	50
85	Macrophysiology of Calanus finmarchicus in the North Atlantic Ocean. Progress in Oceanography, 2011, 91, 217-228.	3.2	48
86	Multiâ€decadal range changes vs. thermal adaptation for north east Atlantic oceanic copepods in the face of climate change. Global Change Biology, 2014, 20, 140-146.	9.5	48
87	Multidecadal Atlantic climate variability and its impact on marine pelagic communities. Journal of Marine Systems, 2014, 133, 55-69.	2.1	47
88	Climate change and the ash dieback crisis. Scientific Reports, 2016, 6, 35303.	3.3	47
89	Global synchrony of an accelerating rise in sea surface temperature. Journal of the Marine Biological Association of the United Kingdom, 2012, 92, 1435-1450.	0.8	45
90	Rapid climatic driven shifts of diatoms at high latitudes. Remote Sensing of Environment, 2013, 132, 195-201.	11.0	45

#	Article	IF	Citations
91	Theoretical basis for predicting climate-induced abrupt shifts in the oceans. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130264.	4.0	44
92	Global biogeochemical provinces of the mesopelagic zone. Journal of Biogeography, 2018, 45, 500-514.	3.0	44
93	Detecting plankton shifts in the North Sea: a new abrupt ecosystem shift between 1996 and 2003. Marine Ecology - Progress Series, 2014, 502, 85-104.	1.9	44
94	European small pelagic fish distribution under global change scenarios. Fish and Fisheries, 2021, 22, 212-225.	5.3	43
95	The Continuous Plankton Recorder survey: How can long-term phytoplankton datasets contribute to the assessment of Good Environmental Status?. Estuarine, Coastal and Shelf Science, 2015, 162, 88-97.	2.1	42
96	Potential changes in benthic macrofaunal distributions from the English Channel simulated under climate change scenarios. Estuarine, Coastal and Shelf Science, 2012, 99, 153-161.	2.1	40
97	Unanticipated biological changes and global warming. Marine Ecology - Progress Series, 2012, 445, 293-301.	1.9	40
98	Climate-Caused Abrupt Shifts in a European Macrotidal Estuary. Estuaries and Coasts, 2013, 36, 1193-1205.	2.2	38
99	An overview of statistical methods applied to CPR data. Progress in Oceanography, 2003, 58, 235-262.	3.2	37
100	Biologging, Remotely-Sensed Oceanography and the Continuous Plankton Recorder Reveal the Environmental Determinants of a Seabird Wintering Hotspot. PLoS ONE, 2012, 7, e41194.	2.5	37
101	Applying the concept of the ecological niche and a macroecological approach to understand how climate influences zooplankton: Advantages, assumptions, limitations and requirements. Progress in Oceanography, 2013, 111, 75-90.	3.2	36
102	Temperatureâ€mediated changes in zooplankton body size: large scale temporal and spatial analysis. Ecography, 2020, 43, 581-590.	4.5	36
103	Satellite-based indicator of zooplankton distribution for global monitoring. Scientific Reports, 2019, 9, 4732.	3.3	35
104	Methods for the Study of Marine Biodiversity. , 2017, , 129-163.		34
105	Influence of Climate Change and Trophic Coupling across Four Trophic Levels in the Celtic Sea. PLoS ONE, 2012, 7, e47408.	2.5	34
106	North Sea ecosystem change from swimming crabs to seagulls. Biology Letters, 2012, 8, 821-824.	2.3	32
107	Changes in the distribution of copepods in the Gironde estuary: A warming and marinisation consequence?. Estuarine, Coastal and Shelf Science, 2013, 134, 150-161.	2.1	32
108	A multivariate approach to largeâ€scale variation in marine planktonic copepod diversity and its environmental correlates. Limnology and Oceanography, 2010, 55, 2219-2229.	3.1	31

#	Article	IF	Citations
109	Climatic Facilitation of the Colonization of an Estuary by Acartia tonsa. PLoS ONE, 2013, 8, e74531.	2.5	31
110	Synchronous response of marine plankton ecosystems to climate in the Northeast Atlantic and the North Sea. Journal of Marine Systems, 2014, 129, 189-202.	2.1	31
111	Monitoring marine plankton ecosystems. I: Description of an ecosystem approach based on plankton indicators. Marine Ecology - Progress Series, 2004, 269, 69-81.	1.9	31
112	The volume of water filtered by a Continuous Plankton Recorder sample: the effect of ship speed. Journal of Plankton Research, 2004, 26, 1499-1506.	1.8	30
113	Spatial distributions and seasonality of four Calanus species in the Northeast Atlantic. Progress in Oceanography, 2020, 185, 102344.	3.2	29
114	Macroecological study of Centropages typicus in the North Atlantic Ocean. Progress in Oceanography, 2007, 72, 259-273.	3.2	28
115	Modelling European small pelagic fish distribution: Methodological insights. Ecological Modelling, 2020, 416, 108902.	2.5	28
116	Testing Bergmann's rule in marine copepods. Ecography, 2021, 44, 1283-1295.	4.5	28
117	Evaluation of coastal perturbations: A new mathematical procedure to detect changes in the reference state of coastal systems. Ecological Indicators, 2011, 11, 1290-1300.	6.3	26
118	Extension of the match-mismatch hypothesis to predator-controlled systems. Marine Ecology - Progress Series, 2013, 474, 43-52.	1.9	26
119	Climate-induced range shifts of the American jackknife clam Ensis directus in Europe. Biological Invasions, 2015, 17, 725-741.	2.4	26
120	Long-Term Phenological Shifts in Raptor Migration and Climate. PLoS ONE, 2013, 8, e79112.	2.5	25
121	Water column stability and Calanus finmarchicus. Journal of Plankton Research, 2011, 33, 119-136.	1.8	24
122	Differences in performance among four indices used to evaluate diversity in planktonic ecosystems. Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie, 2001, 24, 467-477.	0.7	23
123	All plankton sampling systems underestimate abundance: Response to â€œContinuous plankton recorder underestimates zooplankton abundanceâ€•by J.W. Dippner and M. Krause. Journal of Marine Systems, 2013, 128, 240-242.	2.1	22
124	Spatial changes in the sensitivity of Atlantic cod to climate-driven effects in the plankton. Climate Research, 2010, 41, 15-19.	1.1	22
125	Warm-water decapods and the trophic amplification of climate in the North Sea. Biology Letters, 2010, 6, 773-776.	2.3	21
126	Novel lineage patterns from an automated water sampler to probe marine microbial biodiversity with ships of opportunity. Progress in Oceanography, 2015, 137, 409-420.	3.2	21

#	Article	IF	Citations
127	From species distributions to ecosystem structure and function: A methodological perspective. Ecological Modelling, 2016, 334, 78-90.	2.5	21
128	Annual phytoplankton succession results from niche-environment interaction. Journal of Plankton Research, 2021, 43, 85-102.	1.8	21
129	Stepping stones towards Antarctica: Switch to southern spawning grounds explains an abrupt range shift in krill. Global Change Biology, 2022, 28, 1359-1375.	9.5	21
130	Truncated bimodal latitudinal diversity gradient in early Paleozoic phytoplankton. Science Advances, 2021, 7, .	10.3	20
131	Seafarer citizen scientist ocean transparency data as a resource for phytoplankton and climate research. PLoS ONE, 2017, 12, e0186092.	2.5	20
132	Simple procedures to assess and compare the ecological niche of species. Marine Ecology - Progress Series, 2008, 363, 29-37.	1.9	20
133	Resilience of the British and Irish seabird community in the twentieth century. Aquatic Biology, 2008, 4, 187-199.	1.4	19
134	2 Interregional biological responses in the North Atlantic to hydrometeorological forcing. Large Marine Ecosystems, 2002, , 27-48.	0.2	18
135	Comparative analysis of European wide marine ecosystem shifts: a large-scale approach for developing the basis for ecosystem-based management. Biology Letters, 2011, 7, 484-486.	2.3	18
136	Long-term changes in abundance and distribution of microzooplankton in the NE Atlantic and North Sea. Journal of Plankton Research, 2012, 34, 83-91.	1.8	18
137	Understanding Long-Term Changes in Species Abundance Using a Niche-Based Approach. PLoS ONE, 2013, 8, e79186.	2.5	18
138	Forecasting climate-driven changes in the geographical range of the European anchovy (Engraulis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.5	18
139	Marine biodiversity and the chessboard of life. PLoS ONE, 2018, 13, e0194006.	2.5	18
140	Weakening of the subpolar gyre as a key driver of North Atlantic seabird demography: a case study with BrÃ¼nnichâ€™s guillemots in Svalbard. Marine Ecology - Progress Series, 2017, 563, 1-11.	1.9	18
141	Marine copepod diversity patterns and the metabolic theory of ecology. Oecologia, 2011, 166, 349-355.	2.0	17
142	Early Warning from Space for a Few Key Tipping Points in Physical, Biological, and Social-Ecological Systems. Surveys in Geophysics, 2020, 41, 1237-1284.	4.6	16
143	An ecological partition of the Atlantic Ocean and its adjacent seas. Progress in Oceanography, 2019, 173, 86-102.	3.2	15
144	North Atlantic warming over six decades drives decreases in krill abundance with no associated range shift. Communications Biology, 2021, 4, 644.	4.4	15

#	Article	IF	Citations
145	Climate variability and multi-decadal diatom abundance in the Northeast Atlantic. Communications Earth & Environment, 2022, 3, .	6.8	15
146	An open-source framework to model present and future marine species distributions at local scale. Ecological Informatics, 2020, 59, 101130.	5.2	14
147	Phenological shuffling of major marine phytoplankton groups over the last six decades. Diversity and Distributions, 2020, 26, 536-548.	4.1	14
148	I. Introduction and methodology. Marine Ecology - Progress Series, 2004, cpr, 3-10.	1.9	14
149	Climate forcing on marine ecosystems. , 2010, , 11-40.		13
150	Multidecadal spatial reorganisation of plankton communities in the North East Atlantic. Journal of Marine Systems, 2015, 142, 16-24.	2.1	12
151	Estimation of the Potential Detection of Diatom Assemblages Based on Ocean Color Radiance Anomalies in the North Sea. Frontiers in Marine Science, 2017, 4, .	2.5	12
152	The mathematical influence on global patterns of biodiversity. Ecology and Evolution, 2020, 10, 6494-6511.	1.9	12
153	Overwintering distribution, inflow patterns and sustainability of Calanus finmarchicus in the North Sea. Progress in Oceanography, 2021, 194, 102567.	3.2	12
154	Quasi-deterministic responses of marine species to climate change. Climate Research, 2016, 69, 117-128.	1.1	11
155	Reliability of spatial and temporal patterns of C. finmarchicus inferred from the CPR survey. Journal of Marine Systems, 2016, 153, 18-24.	2.1	10
156	Responses of Marine Phytoplankton Populations to Fluctuations in Marine Climate. , 2005, , 49-58.		10
157	Morphological traits, niche-environment interaction and temporal changes in diatoms. Progress in Oceanography, 2022, 201, 102747.	3.2	10
158	A new procedure to optimize the selection of groups in a classification tree: Applications for ecological data. Ecological Modelling, 2009, 220, 451-461.	2.5	9
159	Citizens and scientists collect comparable oceanographic data: measurements of ocean transparency from the Secchi Disk study and science programmes. Scientific Reports, 2021, 11, 15499.	3.3	9
160	Marine Biodiversity, Climatic Variability and Global Change. , 0, , .		9
161	Zooplankton communities. Elsevier Oceanography Series, 2004, 70, 395-423.	0.1	8
162	Environmental Impactsâ€"Marine Ecosystems. Regional Climate Studies, 2016, , 241-274.	1.2	7

#	Article	IF	Citations
163	Seasonal Variations in the Biodiversity, Ecological Strategy, and Specialization of Diatoms and Copepods in a Coastal System With Phaeocystis Blooms: The Key Role of Trait Trade-Offs. Frontiers in Marine Science, 2021, 8, .	2.5	7
164	The species chromatogram, a new graphical method to represent, characterize, and compare the ecological niches of different species. Ecology and Evolution, 2022, 12, e8830.	1.9	7
165	Expected contraction in the distribution ranges of demersal fish of high economic value in the Mediterranean and European Seas. Scientific Reports, 2022, 12, .	3.3	6
166	Sea Life (Pelagic and Planktonic Ecosystems) as an Indicator of Climate and Global Change. , 2009, , 233-251.		5
167	Plankton biogeography in the North Atlantic Ocean and its adjacent seas: Species assemblages and environmental signatures. Ecology and Evolution, 2021, 11, 5135-5149.	1.9	5
168	Early evaluation of coastal nutrient over-enrichment: New procedures and indicators. Marine Pollution Bulletin, 2011, 62, 1751-1761.	5.0	4
169	ConsÃ©quences des changements climatiques en milieu ocÃ©anique. VertigO: La Revue Electronique En Sciences De L'environnement, 2010, , .	0.1	4
170	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>. ICES Journal of Marine Science, 2022, 79, 727-740.	2.5	4
171	Change at the community level. Nature Climate Change, 2011, 1, 398-399.	18.8	3
172	Pelagic Ecosystems and Climate Change. , 2014, , 141-150.		3
173	Monitoring marine plankton ecosystems: Identification of the most relevant indicators of the state of an ecosystem. Journal of Marine Systems, 2008, 73, 138-154.	2.1	2
174	Population dynamics in lesser black-backed gulls in the Netherlands support a North Sea regime shift. Biology Letters, 2013, 9, 20130127.	2.3	2
175	The Impacts of the Oceans on Climate Change. , 2008, , .		1
176	Reply to Comment on â€œA new procedure to optimize the selection of groups in a classification tree: Applications for ecological dataâ€ Ecological Modelling, 2010, 221, 2739-2740.	2.5	0
177	Sea Life (Pelagic Ecosystems). , 2016, , 167-182.		0
178	Sea life (pelagic ecosystems). , 2021, , 409-425.		0