Raul Primicerio

List of Publications by Year
in descending order

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65 papers	3,356 citations	172457 29 h-index	155660 55 g-index
65 all docs	65 docs citations	65 times ranked	4436 citing authors

#	Article	IF	Citations
1	Recent warming leads to a rapid borealization of fish communities in the Arctic. Nature Climate Change, 2015, 5, 673-677.	18.8	597
2	Climate change alters the structure of arctic marine food webs due to poleward shifts of boreal generalists. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151546.	2.6	302
3	Climate-driven regime shifts in Arctic marine benthos. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14052-14057.	7.1	223
4	Climate-driven changes in functional biogeography of Arctic marine fish communities. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12202-12207.	7.1	204
5	Culling Prey Promotes Predator Recovery--Alternative States in a Whole-Lake Experiment. Science, 2007, 316, 1743-1746.	12.6	165
6	Rapidly changing life history during invasion. Oikos, 2004, 106, 138-150.	2.7	132
7	Inducible Defences in Daphnia Depend on Latent Alarm Signals from Conspecific Prey Activated in Predators. Chemical Senses, 2003, 28, 141-153.	2.0	109
8	Spatial and temporal changes in the Barents Sea pelagic compartment during the recent warming. Progress in Oceanography, 2017, 151, 206-226.	3.2	95
9	Foodâ€web structure varies along environmental gradients in a highâ€latitude marine ecosystem. Ecography, 2019, 42, 295-308.	4.5	87
10	Physical manifestations and ecological implications of Arctic Atlantification. Nature Reviews Earth & Environment, 2021, 2, 874-889.	29.7	86
11	Reduced Fitness of Daphnia magna Fed a Bt-Transgenic Maize Variety. Archives of Environmental Contamination and Toxicology, 2008, 55, 584-592.	4.1	80
12	Temporal stability of individual feeding specialization may promote speciation. Journal of Animal Ecology, 2010, 79, 161-168.	2.8	78
13	Conserved collateral antibiotic susceptibility networks in diverse clinical strains of Escherichia coli. Nature Communications, 2018, 9, 3673.	12.8	76
14	Diversity and structure of Chironomidae (Diptera) communities along a gradient of heavy metal contamination in a subarctic watercourse. Science of the Total Environment, 2003, 307, 93-110.	8.0	64
15	Demographic responses of Daphnia magna fed transgenic Bt-maize. Ecotoxicology, 2010, 19, 419-430.	2.4	58
16	New parasites and predators follow the introduction of two fish species to a subarctic lake: implications for food-web structure and functioning. Oecologia, 2013, 171, 993-1002.	2.0	57
17	Novel feeding interactions amplify the impact of species redistribution on an Arctic food web. Global Change Biology, 2020, 26, 4894-4906.	9.5	55
18	A Trade-off between the Fitness Cost of Functional Integrases and Long-term Stability of Integrons. PLoS Pathogens, 2012, 8, e1003043.	4.7	43

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19	Cross-reactivity in fish allergy: AÂdouble-blind, placebo-controlled food-challenge trial. Journal of Allergy and Clinical Immunology, 2017, 140, 1170-1172.	2.9	41
20	Impact scenario for the invasive red king crab Paralithodes camtschaticus (Tilesius, 1815) (Reptantia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.0	40
21	Who eats whom in the Barents Sea: a food web topology from plankton to whales. Ecology, 2014, 95, 1430-1430.	3.2	40
22	Longâ€term responses of zooplankton to invasion by a planktivorous fish in a subarctic watercourse. Freshwater Biology, 2009, 54, 24-34.	2.4	38
23	Milt characteristics of diploid and triploid Atlantic cod (Gadus morhuaL.). Aquaculture Research, 2009, 40, 1160-1169.	1.8	38
24	Marine fish traits follow fast-slow continuum across oceans. Scientific Reports, 2019, 9, 17878.	3.3	38
25	Life history variation in <scp>B</scp>arents <scp>S</scp>ea fish: implications for sensitivity to fishing in a changing environment. Ecology and Evolution, 2014, 4, 3596-3611.	1.9	37
26	Extreme Climatic Event Triggers a Lake Regime Shift that Propagates Across Multiple Trophic Levels. Ecosystems, 2016, 19, 16-31.	3.4	37
27	Parasite communities of two three-spined stickleback populations in subarctic Norwayâ€”effects of a small spatial-scale host introduction. Parasitology Research, 2015, 114, 1327-1339.	1.6	32
28	Thermal shock induction of triploidy in Atlantic cod (Gadus morhua L.). Aquaculture Research, 2007, 38, 926-932.	1.8	31
29	State-dependent migratory timing of postspawned Atlantic salmon (Salmo salar). Canadian Journal of Fisheries and Aquatic Sciences, 2013, 70, 1063-1071.	1.4	30
30	Growth phase-specific evolutionary benefits of natural transformation in Acinetobacter baylyi. ISME Journal, 2015, 9, 2221-2231.	9.8	26
31	Zooplankton seasonal dynamics in the neighbouring lakes Takvatn and Lombola (Northern Norway). Hydrobiologia, 1999, 411, 19-29.	2.0	24
32	Costs and benefits of natural transformation in Acinetobacter baylyi. BMC Microbiology, 2017, 17, 34.	3.3	24
33	Timing is everything: Survival of Atlantic salmon Salmo salar postsmolts during events of high salmon lice densities. Journal of Applied Ecology, 2020, 57, 1149-1160.	4.0	24
34	Large-scale patterns in community structure of benthos and fish in the Barents Sea. Polar Biology, 2017, 40, 237-246.	1.2	23
35	Longâ€term ecological studies in northern lakesâ€”challenges, experiences, and accomplishments. Limnology and Oceanography, 2019, 64, S11.	3.1	23
36	Change in Fish Community Structure in the Barents Sea. PLoS ONE, 2013, 8, e62748.	2.5	20

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37	Zooplankton assembly in mountain lentic waters is primarily driven by local processes. Acta Oecologica, 2009, 35, 22-31.	1.1	19
38	Functional roles and redundancy of demersal Barents Sea fish: Ecological implications of environmental change. PLoS ONE, 2018, 13, e0207451.	2.5	19
39	Modeling suggests frequency estimates are not informative for predicting the long-term effect of horizontal gene transfer in bacteria. Environmental Biosafety Research, 2005, 4, 223-233.	1.1	18
40	Arctic coastal benthos long-term responses to perturbations under climate warming. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190355.	3.4	17
41	Increased functional diversity warns of ecological transition in the Arctic. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210054.	2.6	17
42	Tissue-Specific Contaminant Accumulation and Associated Effects on Hepatic Serum Analytes and Cytochrome P450 Enzyme Activities in Hooded Seals (Cystophora cristata) from the Gulf of St. Lawrence. Archives of Environmental Contamination and Toxicology, 2009, 56, 360-370.	4.1	16
43	Density-dependent interactions in an Arctic char â€“ brown trout system: competition, predation, or both?. Canadian Journal of Fisheries and Aquatic Sciences, 2013, 70, 610-616.	1.4	15
44	Counting and measuring epibenthic organisms from digital photographs: A semiautomated approach. Limnology and Oceanography: Methods, 2010, 8, 229-240.	2.0	14
45	Seasonal changes in vertical distribution of zooplankton in an oligotrophic, subarctic lake (Lake) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	13
46	Relationship between persistent halogenated organic contaminants and TCDD-toxic equivalents on EROD activity and retinoid and thyroid hormone status in northern fulmars. Science of the Total Environment, 2010, 408, 6117-6123.	8.0	12
47	Temporal changes and between-host variation in the intestinal parasite community of Arctic charr in a subarctic lake. Hydrobiologia, 2016, 783, 79-91.	2.0	12
48	How vulnerable is the European seafood production to climate warming?. Fisheries Research, 2019, 209, 251-258.	1.7	12
49	Successive extreme climatic events lead to immediate, largeâ€scale, and diverse responses from fish in the Arctic. Global Change Biology, 2022, 28, 3728-3744.	9.5	11
50	Salmon louse infestation levels on sea trout can be predicted from a hydrodynamic lice dispersal model. Journal of Applied Ecology, 2022, 59, 704-714.	4.0	11
51	The role of marine mammals in the Barents Sea foodweb. ICES Journal of Marine Science, 2019, 76, i37-i53.	2.5	10
52	Size, locality and seasonally related feeding preferences of common wolffish (Anarhichas lupusL.) from north-Norwegian waters. Marine Biology Research, 2010, 6, 201-212.	0.7	9
53	Title is missing!. Aquatic Ecology, 2003, 37, 107-122.	1.5	8
54	Climate warming is predicted to enhance the negative effects of harvesting on highâ€latitude lake fish. Journal of Applied Ecology, 2020, 57, 270-282.	4.0	8

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55	Spatioâ€temporal turnover and drivers of benthoâ€demersal community and food web structure in a highâ€latitude marine ecosystem. Diversity and Distributions, 2022, 28, 2503-2520.	4.1	8
56	Deep demersal fish communities respond rapidly to warming in a frontal region between Arctic and Atlantic waters. Global Change Biology, 2022, 28, 2979-2990.	9.5	6
57	Recent warming causes functional borealization and diversity loss in deep fish communities east of Greenland. Diversity and Distributions, 2022, 28, 2071-2083.	4.1	6
58	Medication adherence among persons with coronary heart disease and associations with blood pressure and low-density-lipoprotein-cholesterol. European Journal of Clinical Pharmacology, 2022, 78, 857-867.	1.9	4
59	Benthic transition zones in the Atlantic gateway to a changing Arctic ocean. Progress in Oceanography, 2022, 204, 102792.	3.2	4
60	Antibiotics to outpatients in <scp>N</scp>orwayâ€”Assessing effect of latitude and municipality population size using quantile regression in a crossâ€sectional study. Pharmaceutical Statistics, 2018, 17, 4-11.	1.3	3
61	Body shape variation in meiotic gynogenetic and triploid sea bass,Dicentrarchus labrax. Aquatic Living Resources, 2010, 23, 297-302.	1.2	2
62	Female morphology and male mating success in the calanoid copepod, Eudiaptomus graciloides. Journal of Plankton Research, 2014, 36, 1216-1223.	1.8	2
63	Effects of life-history traits and network topological characteristics on the robustness of marine food webs. Global Ecology and Conservation, 2022, 34, e02048.	2.1	2
64	The role of marine mammals in the Barents Sea foodweb. ICES Journal of Marine Science, 0, , .	2.5	1
65	Data on European seafood biomass production by country, sectors, and species in 2004â€“2014 and on ecological characteristics of the main species produced. Data in Brief, 2018, 21, 1895-1899.	1.0	0