

Projected climate changes threaten ancient refugia of k

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Predicted extinction of unique genetic diversity in marine forests of <i>Cystoseira</i> spp.. Marine Environmental Research, 2018, 138, 119-128.	1.1	43
2	Biodiversity of Kelp Forests and Coralline Algae Habitats in Southwestern Greenland. Diversity, 2018, 10, 117.	0.7	18
3	Post-glacial range revolutions in South European hares (<i>Lepus</i> spp.): Insights from ancient DNA and ecological niche modelling. Journal of Biogeography, 2018, 45, 2609-2618.	1.4	10
4	Intraorganismal genetic heterogeneity as a source of genetic variation in modular macroalgae. Journal of Phycology, 2018, 54, 767-771.	1.0	23
5	Climate Change Impacts on Seagrass Meadows and Macroalgal Forests: An Integrative Perspective on Acclimation and Adaptation Potential. Frontiers in Marine Science, 2018, 5, .	1.2	149
6	Dramatic loss of seagrass habitat under projected climate change in the Mediterranean Sea. Global Change Biology, 2018, 24, 4919-4928.	4.2	140
7	Kelps™ Long-Distance Dispersal: Role of Ecological/Oceanographic Processes and Implications to Marine Forest Conservation. Diversity, 2018, 10, 11.	0.7	34
8	Effects of kelp canopy on underwater light climate and viability of brown algal spores in Kongsfjorden (Spitsbergen). Polar Biology, 2019, 42, 1511-1527.	0.5	11
9	First record of <i>Laminaria ochroleuca</i> Bachelot de la Pylaie in Ireland in Béal an Mhuirthead, county Mayo. Marine Biodiversity Records, 2019, 12, .	1.2	16
10	Temperature mediates the outcome of species interactions in early life-history stages of two sympatric kelp species. Marine Biology, 2019, 166, 1.	0.7	14
11	Underpinning the Development of Seaweed Biotechnology: Cryopreservation of Brown Algae (<i>Saccharina latissima</i>) Gametophytes. Biopreservation and Biobanking, 2019, 17, 378-386.	0.5	19
12	Integrating reproductive phenology in ecological niche models changed the predicted future ranges of a marine invader. Diversity and Distributions, 2019, 25, 688-700.	1.9	30
13	Deep Penetration of Kelps Offshore Along the West Coast of Greenland. Frontiers in Marine Science, 2019, 6, .	1.2	22
14	Biological interactions: The overlooked aspects of marine climate change refugia. Global Change Biology, 2019, 25, 3571-3573.	4.2	9
15	Toward a Coordinated Global Observing System for Seagrasses and Marine Macroalgae. Frontiers in Marine Science, 2019, 6, .	1.2	123
16	Climate change induced range shifts in seaweeds distributions in Europe. Marine Environmental Research, 2019, 148, 1-11.	1.1	34
17	Projected 21st-century distribution of canopy-forming seaweeds in the Northwest Atlantic with climate change. Diversity and Distributions, 2019, 25, 582-602.	1.9	70
18	Evidence for different thermal ecotypes in range centre and trailing edge kelp populations. Journal of Experimental Marine Biology and Ecology, 2019, 514-515, 10-17.	0.7	48

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19	Future climate change likely to reduce the Australian plague locust (<i>Chortoicetes terminifera</i>) seasonal outbreaks. <i>Science of the Total Environment</i> , 2019, 668, 947-957.	3.9	36
20	A comprehensive kelp phylogeny sheds light on the evolution of an ecosystem. <i>Molecular Phylogenetics and Evolution</i> , 2019, 136, 138-150.	1.2	62
21	Distributional shifts of canopy-forming seaweeds from the Atlantic coast of Southern Europe. <i>Biodiversity and Conservation</i> , 2019, 28, 1151-1172.	1.2	73
22	A DNA barcode survey of marine macroalgae from Bergen (Norway). <i>Marine Biology Research</i> , 2019, 15, 580-589.	0.3	15
23	Arctic kelp forests: Diversity, resilience and future. <i>Global and Planetary Change</i> , 2019, 172, 1-14.	1.6	105
24	Status and Trends for the World's Kelp Forests. , 2019, , 57-78.		198
25	Impacts of ocean warming on kelp forest ecosystems. <i>New Phytologist</i> , 2020, 225, 1447-1454.	3.5	215
26	Intra-Annual Variability in Responses of a Canopy Forming Kelp to Cumulative Low Tide Heat Stress: Implications for Populations at the Trailing Range Edge. <i>Journal of Phycology</i> , 2020, 56, 146-158.	1.0	14
27	How experimental physiology and ecological niche modelling can inform the management of marine bioinvasions?. <i>Science of the Total Environment</i> , 2020, 700, 134692.	3.9	10
28	Challenges to the future domestication of seaweeds as cultivated species: understanding their physiological processes for large-scale production. <i>Advances in Botanical Research</i> , 2020, , 57-83.	0.5	13
29	Future range dynamics of the red alga <i>Capreolia implexa</i> in native and invaded regions: contrasting predictions from species distribution models versus physiological knowledge. <i>Biological Invasions</i> , 2020, 22, 1339-1352.	1.2	11
30	Ecological niche models and species distribution models in marine environments: A literature review and spatial analysis of evidence. <i>Ecological Modelling</i> , 2020, 415, 108837.	1.2	242
31	Predictions of kelp distribution shifts along the northern coast of Japan. <i>Ecological Research</i> , 2020, 35, 47-60.	0.7	29
32	Climate change jointly with migration ability affect future range shifts of dominant fir species in Southwest China. <i>Diversity and Distributions</i> , 2020, 26, 352-367.	1.9	39
33	Phylogeography of split kelp <i>Hedophyllum nigripes</i> : northern ice-age refugia and trans-Arctic dispersal. <i>Polar Biology</i> , 2020, 43, 1829-1841.	0.5	7
34	Phylogeny and Evolution of the Brown Algae. <i>Critical Reviews in Plant Sciences</i> , 2020, 39, 281-321.	2.7	82
35	Heat stress responses and population genetics of the kelp <i>Laminaria digitata</i> (Phaeophyceae) across latitudes reveal differentiation among North Atlantic populations. <i>Ecology and Evolution</i> , 2020, 10, 9144-9177.	0.8	32
36	Unique biodiversity in Arctic marine forests is shaped by diverse recolonization pathways and far northern glacial refugia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22590-22596.	3.3	33

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37	Marine heatwaves and the collapse of marginal North Atlantic kelp forests. <i>Scientific Reports</i> , 2020, 10, 13388.	1.6	86
38	Ecological performance differs between range centre and trailing edge populations of a cold-water kelp: implications for estimating net primary productivity. <i>Marine Biology</i> , 2020, 167, 1.	0.7	9
39	Seascape Genomics of the Sugar Kelp <i>Saccharina latissima</i> along the North Eastern Atlantic Latitudinal Gradient. <i>Genes</i> , 2020, 11, 1503.	1.0	17
40	Imprint of Climate Change on Pan-Arctic Marine Vegetation. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	63
41	Genetic structure of amphi-Atlantic <i>Laminaria digitata</i> (Laminariales, Phaeophyceae) reveals a unique range-edge gene pool and suggests post-glacial colonization of the NW Atlantic. <i>European Journal of Phycology</i> , 2020, 55, 517-528.	0.9	13
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43	A review of subtidal kelp forests in Ireland: From first descriptions to new habitat monitoring techniques. <i>Ecology and Evolution</i> , 2020, 10, 6819-6832.	0.8	6
44	Thermal Plasticity of the Kelp <i>Laminaria digitata</i> (Phaeophyceae) Across Life Cycle Stages Reveals the Importance of Cold Seasons for Marine Forests. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	32
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47	The seaweed resources of Ireland: a twenty-first century perspective. <i>Journal of Applied Phycology</i> , 2020, 32, 1287-1300.	1.5	30
48	Genetic diversity of a marine foundation species, <i>Laminaria hyperborea</i> (Gunnerus) Foslie, along the coast of Ireland. <i>European Journal of Phycology</i> , 2020, 55, 310-326.	0.9	7
49	Impacts of climate change on geographical distributions of invasive ascidians. <i>Marine Environmental Research</i> , 2020, 159, 104993.	1.1	30
50	Future trajectories of change for an Arctic deep-sea ecosystem connected to coastal kelp forests. <i>Restoration Ecology</i> , 2021, 29, e13327.	1.4	5
51	Resilience of cold water aquaculture: a review of likely scenarios as climate changes in the Gulf of Maine. <i>Reviews in Aquaculture</i> , 2021, 13, 460-503.	4.6	27
52	Detecting no natural hybridization and predicting range overlap in <i>Saccharina angustata</i> and <i>Saccharina japonica</i> . <i>Journal of Applied Phycology</i> , 2021, 33, 693-702.	1.5	3
53	Bottom Trawling Threatens Future Climate Refugia of Rhodoliths Globally. <i>Frontiers in Marine Science</i> , 2021, 7, .	1.2	27
54	Brazilian stingless bees are threatened by habitat conversion and climate change. <i>Regional Environmental Change</i> , 2021, 21, 1.	1.4	10

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56	DEVELOPMENT OF AN INNOVATIVE COOKER (HOT PLATE) WITH PHOTOVOLTAIC SOLAR ENERGY. <i>Journal of Energy Storage</i> , 2021, 36, 102399.	3.9	17
57	Climate-induced range shifts shaped the present and threaten the future genetic variability of a marine brown alga in the Northwest Pacific. <i>Evolutionary Applications</i> , 2021, 14, 1867-1879.	1.5	12
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59	Charting a course for genetic diversity in the UN Decade of Ocean Science. <i>Evolutionary Applications</i> , 2021, 14, 1497-1518.	1.5	19
60	Biologically meaningful distribution models highlight the benefits of the Paris Agreement for demersal fishing targets in the North Atlantic Ocean. <i>Global Ecology and Biogeography</i> , 2021, 30, 1643-1656.	2.7	9
61	Global warming assessment suggests the endemic Brazilian kelp beds to be an endangered ecosystem. <i>Marine Environmental Research</i> , 2021, 168, 105307.	1.1	15
62	Distribution of macroalgae epiphytes and host species from the Cuban marine shelf inferred from ecological modelling. <i>Aquatic Botany</i> , 2021, 172, 103395.	0.8	2
63	Weak biodiversity connectivity in the European network of no-take marine protected areas. <i>Science of the Total Environment</i> , 2021, 773, 145664.	3.9	20
64	An ecological baseline for <i>Laminaria hyperborea</i> forests in western Ireland. <i>Limnology and Oceanography</i> , 2021, 66, 3439-3454.	1.6	4
65	Population Genetic Structure and Phylogeography of Co-Distributed <i>Pachymeniopsis</i> Species (Rhodophyta) along the Coast of Korea and Japan. <i>Diversity</i> , 2021, 13, 336.	0.7	6
66	Neither historical climate nor contemporary range fully explain the extant patterns of molecular diversity in marine species. <i>Journal of Biogeography</i> , 2021, 48, 2629-2644.	1.4	7
67	Whole-genome sequencing reveals forgotten lineages and recurrent hybridizations within the kelp genus <i>Alaria</i> (Phaeophyceae). <i>Journal of Phycology</i> , 2021, 57, 1721-1738.	1.0	10
68	Spatial variation in the structure of overwintering, remnant <i>Saccorhiza polyschides</i> sporophytes and their associated assemblages. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2021, 101, 639-648.	0.4	6
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70	Missing the marine forest for the trees. <i>Marine Ecology - Progress Series</i> , 2019, 612, 209-215.	0.9	56
71	Climate change projections reveal range shifts of eelgrass <i>Zostera marina</i> in the Northwest Atlantic. <i>Marine Ecology - Progress Series</i> , 2019, 620, 47-62.	0.9	36
72	Climate-Driven Range Shifts of Brown Seaweed <i>Sargassum horneri</i> in the Northwest Pacific. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	7

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73	Genetic diversity increases with depth in red gorgonian populations of the Mediterranean Sea and the Atlantic Ocean. PeerJ, 2019, 7, e6794.	0.9	10
74	Summer Heatwave Impacts on the European Kelp <i>Saccharina latissima</i> Across Its Latitudinal Distribution Gradient. Frontiers in Marine Science, 2021, 8, .	1.2	14
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84	Major Expansion of Marine Forests in a Warmer Arctic. Frontiers in Marine Science, 2022, 9, .	1.2	16
85	Increased Heat Resilience of Intraspecific Outbred Compared to Inbred Lineages in the Kelp <i>Laminaria digitata</i> : Physiology and Transcriptomics. Frontiers in Marine Science, 2022, 9, .	1.2	7
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88	Sea Ice and Substratum Shape Extensive Kelp Forests in the Canadian Arctic. Frontiers in Marine Science, 2022, 9, .	1.2	13
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101	Niche availability and habitat affinities of the red porgy <i>Pagrus pagrus</i> (Linnaeus, 1758): An important ecological player on the world's largest rhodolith beds. Journal of Fish Biology, 2022, 101, 179-189.	0.7	6
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104	Microscopic Stages of North Atlantic <i>Laminaria digitata</i> (Phaeophyceae) Exhibit Trait-Dependent Thermal Adaptation Along Latitudes. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	6
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107	Green gravel as a vector of dispersal for kelp restoration. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	3
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110	Giant kelp genetic monitoring before and after disturbance reveals stable genetic diversity in Southern California. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	5
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