

CITATION REPORT

List of articles citing

The tropicalization of temperate marine ecosystems: climate-mediated changes in herbivory and community phase shifts

DOI: 10.1098/rspb.2014.0846

Proceedings of the Royal Society B: Biological Sciences
, 2014, 281, 20140846.

Source: <https://exaly.com/paper-pdf/57767141/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
591	Tropical rabbitfish and the deforestation of a warming temperate sea. <i>Journal of Ecology</i> , 2014 , 102, 1518-1527	6	114
590	Ecology. How do coral reefs recover?. 2014 , 345, 879-80		7
589	Invasion Expansion: Time since introduction best predicts global ranges of marine invaders. 2015 , 5, 12436		39
588	Beyond spatial and temporal averages: ecological responses to extreme events may be exacerbated by local disturbances. 2015 , 2,		9
587	Species traits and climate velocity explain geographic range shifts in an ocean-warming hotspot. 2015 , 18, 944-53		248
586	Tropical herbivores provide resilience to a climate-mediated phase shift on temperate reefs. 2015 , 18, 714-23		113
585	Responses of seagrass to anthropogenic and natural disturbances do not equally translate to its consumers. <i>Global Change Biology</i> , 2015 , 21, 4021-30	11.4	30
584	Strengthened currents override the effect of warming on lobster larval dispersal and survival. <i>Global Change Biology</i> , 2015 , 21, 4377-86	11.4	45
583	Mass Mortality Events in the NW Adriatic Sea: Phase Shift from Slow- to Fast-Growing Organisms. 2015 , 10, e0126689		38
582	Predicting future thermal habitat suitability of competing native and invasive fish species: from metabolic scope to oceanographic modelling. 2015 , 3, cou059		57
581	Sydney Harbour: a review of anthropogenic impacts on the biodiversity and ecosystem function of one of the world. 2015 , 66, 1088		50
580	Food security requires a new revolution. 2015 , 72, 908-920		17
579	OCEANOGRAPHY. Contrasting futures for ocean and society from different anthropogenic CO ₂ emissions scenarios. 2015 , 349, aac4722		745
578	Symbiodinium spp. associated with high-latitude scleractinian corals from Jeju Island, South Korea. <i>Coral Reefs</i> , 2015 , 34, 919-925	4.2	18
577	Convergence of three mangrove species towards freeze-tolerant phenotypes at an expanding range edge. <i>Functional Ecology</i> , 2015 , 29, 1332-1340	5.6	44
576	Behavioural thermoregulation in a temperature-sensitive coral reef fish, the five-lined cardinalfish (<i>Cheilodipterus quinquelineatus</i>). <i>Coral Reefs</i> , 2015 , 34, 1261-1265	4.2	20
575	Seasonal changes in dietary composition of the herbivorous fish <i>Kyphosus bigibbus</i> in southwestern Japan. 2015 , 81, 1025-1033		6

574	European seaweeds under pressure: Consequences for communities and ecosystem functioning. 2015 , 98, 91-108		113
573	Changes in Coral Reef Ecosystems. 2016 , 183-193		1
572	Observed and Projected Impacts of Climate Change on Marine Fisheries, Aquaculture, Coastal Tourism, and Human Health: An Update. <i>Frontiers in Marine Science</i> , 2016 , 3,	4.5	80
571	Responses of Marine Organisms to Climate Change across Oceans. <i>Frontiers in Marine Science</i> , 2016 , 3,	4.5	369
570	Marine Biodiversity in Temperate Western Australia: Multi-Taxon Surveys of Minden and Roe Reefs. 2016 , 8, 7		13
569	Recent Advances in Understanding the Effects of Climate Change on Coral Reefs. 2016 , 8, 12		65
568	Structure of Benthic Communities along the Taiwan Latitudinal Gradient. 2016 , 11, e0160601		15
567	Climate-driven changes to ocean circulation and their inferred impacts on marine dispersal patterns. 2016 , 25, 923-939		31
566	Trophic segregation of a fish assemblage along lateral depth gradients in a subtropical coastal lagoon revealed by stable isotope analyses. 2016 , 89, 770-92		16
565	Resource type influences the effects of reserves and connectivity on ecological functions. 2016 , 85, 437-44		13
564	Animal behaviour shapes the ecological effects of ocean acidification and warming: moving from individual to community-level responses. <i>Global Change Biology</i> , 2016 , 22, 974-89	11.4	214
563	Climate-driven regime shift of a temperate marine ecosystem. 2016 , 353, 169-72		643
562	Heterotrophy mitigates the response of the temperate coral to temperature stress. 2016 , 6, 6758-6769		14
561	Threats to Ecosystem Engineering Macrophytes: Climate Change. 2016 , 201-218		2
560	Temperate predators and seasonal water temperatures impact feeding of a range expanding tropical fish. 2016 , 163, 1		14
559	Herbivory on freshwater and marine macrophytes: A review and perspective. 2016 , 135, 18-36		131
558	Biodiversity enhances reef fish biomass and resistance to climate change. 2016 , 113, 6230-5		116
557	Sydney Harbour: Beautiful, diverse, valuable and pressured. 2016 , 8, 353-361		9

556	Beyond just sea-level rise: considering macroclimatic drivers within coastal wetland vulnerability assessments to climate change. <i>Global Change Biology</i> , 2016 , 22, 1-11	11.4	163
555	Herbivore abundance, site fidelity and grazing rates on temperate reefs inside and outside marine reserves. 2016 , 478, 96-105		13
554	Effects of ocean warming and lowered pH on algal growth and palatability to a grazing gastropod. 2016 , 163, 1		28
553	The fate of <i>Cystoseira crinita</i> , a forest-forming Fucale (Phaeophyceae, Stramenopiles), in France (North Western Mediterranean Sea). 2016 , 181, 196-208		46
552	Chromosome mapping of repetitive DNAs in sergeant major fishes (Abudefdufinae, Pomacentridae): a general view on the chromosomal conservatism of the genus. 2016 , 144, 567-576		8
551	Predicting range-shift success potential for tropical marine fishes using external morphology. 2016 , 12,		16
550	Space invaders; biological invasions in marine conservation planning. 2016 , 22, 1220-1231		37
549	Microhabitat selectivity underpins regional indicators of fish abundance and replenishment. 2016 , 70, 222-231		23
548	Accelerating Tropicalization and the Transformation of Temperate Seagrass Meadows. 2016 , 66, 938-948		78
547	The broad footprint of climate change from genes to biomes to people. 2016 , 354,		573
546	Long-term empirical evidence of ocean warming leading to tropicalization of fish communities, increased herbivory, and loss of kelp. 2016 , 113, 13791-13796		223
545	Identifying future sea turtle conservation areas under climate change. 2016 , 204, 189-196		21
544	Spatial Patterns and Predictors of Drift Algal Subsidy in Deep Subtidal Environments. 2016 , 39, 1724-1734		21
543	Dynamic habitat suitability modelling reveals rapid poleward distribution shift in a mobile apex predator. <i>Global Change Biology</i> , 2016 , 22, 1086-96	11.4	38
542	Spatial and temporal variation of kelp forests and associated macroalgal assemblages along the Portuguese coast. 2016 , 67, 113		9
541	Temperate marine herbivorous fishes will likely do worse, not better, as waters warm up. 2016 , 163, 1		2
540	Does restoration of a habitat-forming seaweed restore associated faunal diversity?. 2016 , 24, 81-90		27
539	Modelling marine community responses to climate-driven species redistribution to guide monitoring and adaptive ecosystem-based management. <i>Global Change Biology</i> , 2016 , 22, 2462-74	11.4	50

538	Key Questions in Marine Megafauna Movement Ecology. 2016 , 31, 463-475		292
537	The structure of biogenic habitat and epibiotic assemblages associated with the global invasive kelp <i>Undaria pinnatifida</i> in comparison to native macroalgae. 2016 , 18, 661-676		27
536	Decadal changes in the distribution of common intertidal seaweeds in Galicia (NW Iberia). 2016 , 113, 106-15		36
535	Feeding habits of range-shifting herbivores: tropical surgeonfishes in a temperate environment. 2016 , 67, 75		17
534	The 'Great Southern Reef': social, ecological and economic value of Australia's neglected kelp forests. 2016 , 67, 47		179
533	Identifying knowledge gaps in seagrass research and management: An Australian perspective. 2017 , 127, 163-172		47
532	Warmer temperatures reduce the influence of an important keystone predator. 2017 , 86, 490-500		20
531	Plant traits and plant biogeography control the biotic resistance provided by generalist herbivores. <i>Functional Ecology</i> , 2017 , 31, 1184-1192	5.6	25
530	Can biological invasions save Caribbean coral reefs?. 2017 , 27, R13-R14		9
529	Anticipating changes to future connectivity within a network of marine protected areas. <i>Global Change Biology</i> , 2017 , 23, 3533-3542	11.4	40
528	Future climate change scenarios differentially affect three abundant algal species in southwestern Australia. 2017 , 126, 69-80		9
527	Importance of soft canopy structure for labrid fish communities in estuarine mesohabitats. 2017 , 164, 1		12
526	Decline of cold-water fish species in the Bay of Somme (English Channel, France) in response to ocean warming. 2017 , 189, 189-202		12
525	Temperate macroalgae impacts tropical fish recruitment at forefronts of range expansion. <i>Coral Reefs</i> , 2017 , 36, 639-651	4.2	11
524	An ecosystem-based approach to assess the status of Mediterranean algae-dominated shallow rocky reefs. 2017 , 117, 311-329		28
523	Mangrove expansion into salt marshes alters associated faunal communities. 2017 , 187, 306-313		31
522	Nutritional, structural and chemical defenses of common algae species against juvenile sea urchins. 2017 , 164, 1		5
521	The distribution and abundance of reef-associated predatory fishes on the Great Barrier Reef. <i>Coral Reefs</i> , 2017 , 36, 829-846	4.2	16

520	Expansion of corals on temperate reefs: direct and indirect effects of marine heatwaves. <i>Coral Reefs</i> , 2017 , 36, 947-956	4.2	34
519	Wind and rain are the primary climate factors driving changing phenology of an aerial insectivore. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	11
518	Occurrence and reproduction of tropical fishes in ocean warming hotspots of Japanese temperate reefs. 2017 , 100, 617-630		6
517	Analysis of phytoplankton assemblage structure in the Mediterranean Sea based on high-throughput sequencing of partial 18S rRNA sequences. 2017 , 36, 49-55		16
516	Herbivore abundance, grazing rates and feeding pathways on Australian temperate reefs inside and outside marine reserves: How are things on the west coast?. 2017 , 493, 49-56		2
515	Thermal stratification drives movement of a coastal apex predator. 2017 , 7, 526		12
514	Declines in plant palatability from polar to tropical latitudes depend on herbivore and plant identity. 2017 , 98, 2312-2321		7
513	Trends and frontiers for the science and management of the oceans. 2017 , 27, R431-R434		18
512	Ocean currents modify the coupling between climate change and biogeographical shifts. 2017 , 7, 1332		32
511	Biological interactions both facilitate and resist climate-related functional change in temperate reef communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	28
510	Potential influence of a marine heatwave on range extensions of tropical fishes in the eastern Indian Ocean. Invaluable contributions from amateur observers. 2017 , 13, 19-31		28
509	Immanent conditions determine imminent collapses: nutrient regimes define the resilience of macroalgal communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	22
508	High Arachidonic Acid Levels in the Tissues of Herbivorous Fish Species (<i>Siganus fuscescens</i> , <i>Calotomus japonicus</i> and <i>Kyphosus bigibbus</i>). 2017 , 52, 363-373		2
507	Biodiversity redistribution under climate change: Impacts on ecosystems and human well-being. 2017 , 355,		1215
506	Plankton supports the majority of fish biomass on temperate rocky reefs. 2017 , 164, 1		24
505	Range extensions in anemonefishes and host sea anemones in eastern Australia: potential constraints to tropicalisation. 2017 , 68, 1224		12
504	Going with the flow: the role of ocean circulation in global marine ecosystems under a changing climate. <i>Global Change Biology</i> , 2017 , 23, 2602-2617	11.4	36
503	Ecological performance of construction materials subject to ocean climate change. 2017 , 131, 177-182		17

502	Habitat associations of an expanding native alga. 2017 , 131, 205-214	8
501	Interactions between range-expanding tropical fishes and the northern Gulf of Mexico red snapper <i>Lutjanus campechanus</i> . 2017 , 91, 1139-1165	7
500	Seagrasses and Macroalgae: Importance, Vulnerability and Impacts. 2017 , 729-770	9
499	Spearfishing data reveals the littoral fish communities' association to coastal configuration. 2017 , 199, 152-160	4
498	Impacts of Climate change on <i>Eucheuma-Kappaphycus</i> Farming. 2017 , 121-129	8
497	Regional-scale environmental drivers of highly endemic temperate fish communities located within a climate change hotspot. 2017 , 23, 1256-1267	12
496	Genomic signatures of local adaptation reveal source-sink dynamics in a high gene flow fish species. 2017 , 7, 8618	12
495	Macroalgal browsing on a heavily degraded, urbanized equatorial reef system. 2017 , 7, 8352	25
494	Deep-reef fish assemblages of the Great Barrier Reef shelf-break (Australia). 2017 , 7, 10886	22
493	Modulation of different kelp life stages by herbivory: compensatory growth versus population decimation. 2017 , 164, 1	8
492	Tropicalization strengthens consumer pressure on habitat-forming seaweeds. 2017 , 7, 820	35
491	Threats to large brown algal forests in temperate seas: the overlooked role of native herbivorous fish. 2017 , 7, 6012	32
490	Mangrove species' responses to winter air temperature extremes in China. 2017 , 8, e01865	52
489	A novel marine bioinvasion vector: Ichthyochory, live passage through fish. 2017 , 2, 81-90	17
488	Morphological response of the larvae of <i>Arbacia lixula</i> to near-future ocean warming and acidification. <i>ICES Journal of Marine Science</i> , 2017 , 74, 1180-1190	2.7 11
487	Effect of seawater temperature on long-term recruitment of <i>Strongylocentrotus intermedius</i> juveniles in northeastern Sea of Japan. 2017 , 16, 36-41	2
486	Tropical Marine Fishes and Fisheries and Climate Change. 2017 , 875-896	7
485	Forgotten underwater forests: The key role of furoids on Australian temperate reefs. 2017 , 7, 8406-8418	50

484	Half a century of coastal temperature records reveal complex warming trends in western boundary currents. 2017 , 7, 14527		43
483	Mangrove expansion and contraction at a poleward range limit: climate extremes and land-ocean temperature gradients. 2017 , 98, 125-137		100
482	Functional traits of marine macrophytes predict primary production. <i>Functional Ecology</i> , 2017 , 31, 975-986		13
481	Climate-driven disparities among ecological interactions threaten kelp forest persistence. <i>Global Change Biology</i> , 2017 , 23, 353-361	11.4	46
480	The effects of warming on the ecophysiology of two co-existing kelp species with contrasting distributions. 2017 , 183, 531-543		30
479	Low functional redundancy and high variability in Sargassum browsing fish populations in a subtropical reef system. 2017 , 68, 331		9
478	Community responses to seawater warming are conserved across diverse biological groupings and taxonomic resolutions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	12
477	Meta-Analysis of Reciprocal Linkages between Temperate Seagrasses and Waterfowl with Implications for Conservation. 2017 , 8, 2119		12
476	Grazing, Effects of ?. 2017 ,		
475	Habitat Configuration Alters Herbivory across the Tropical Seascape. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	8
474	Assessing the Effects of Marine Protected Areas on Biological Invasions: A Global Review. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	29
473	Bubble Curtains: Herbivore Exclusion Devices for Ecology and Restoration of Marine Ecosystems?. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	5
472	The Epiphytic Genus <i>Gambierdiscus</i> (Dinophyceae) in the Kermadec Islands and Zealandia Regions of the Southwestern Pacific and the Associated Risk of Ciguatera Fish Poisoning. 2017 , 15,		24
471	Recent advances in plant-herbivore interactions. 2017 , 6, 119		27
470	Macro-grazer herbivory regulates seagrass response to pulse and press nutrient loading. 2018 , 136, 54-61		8
469	Assessment of grazing effects on phytobenthic community structure at shallow rocky reefs: An experimental field study in the North Aegean Sea. 2018 , 503, 31-40		9
468	Macroalgal response to a warmer ocean with higher CO concentration. 2018 , 136, 99-105		6
467	Thermal acclimation affects growth and lipophilic toxin production in a strain of cosmopolitan harmful alga <i>Dinophysis acuminata</i> . 2018 , 73, 119-128		12

466	Demographics of the zooxanthellate coral <i>Oculina patagonica</i> along the Mediterranean Iberian coast in relation to environmental parameters. 2018 , 634, 1580-1592		5
465	Species thermal ranges predict changes in reef fish community structure during 8 years of extreme temperature variation. 2018 , 24, 1036-1046		29
464	Novel crab predator causes marine ecosystem regime shift. 2018 , 8, 4956		16
463	Genetic diversity and kelp forest vulnerability to climatic stress. 2018 , 8, 1851		82
462	Temperature effects on a marine herbivore depend strongly on diet across multiple generations. 2018 , 187, 483-494		5
461	The trade-off between digestibility and phenol content influences the food choice of the obligate seagrass-feeding neritid snail <i>Smaragdia souverbiana</i> . 2018 , 84, 12-18		1
460	'Stick with your own kind, or hang with the locals?' Implications of shoaling strategy for tropical reef fish on a range-expansion frontline. <i>Global Change Biology</i> , 2018 , 24, 1663-1672	11.4	20
459	Interaction Networks in Tropical Reefs. 2018 , 141-154		5
458	Spatiotemporal patterns of abundance and ecological requirements of a labrid's juveniles reveal conditions for establishment success and range shift capacity. 2018 , 500, 34-45		3
457	Alien turf: Overfishing, overgrazing and invader domination in south-eastern Levant reef ecosystems. 2018 , 28, 351-369		30
456	Bioerosion in a changing world: a conceptual framework. 2018 , 21, 422-438		35
455	Multiple stressors and benthic harmful algal blooms (BHABs): Potential effects of temperature rise and nutrient enrichment. 2018 , 131, 552-564		7
454	Predicted extinction of unique genetic diversity in marine forests of <i>Cystoseira</i> spp. 2018 , 138, 119-128		24
453	First records of zooxanthellate <i>Zoanthus</i> (Anthozoa: Hexacorallia: Zoantharia) from Korea and Japan (East) Sea. 2018 , 48, 1269-1273		10
452	First record of <i>Acanthurus monroviae</i> (Osteichthyes: Perciformes: Acanthuridae) in southern Portugal, with notes on its recent distributional spread in the northeastern Atlantic and Mediterranean. 2018 , 48, 1673-1681		1
451	The economic value of South African kelp forests and temperate reefs: Past, present and future. 2018 , 188, 172-181		27
450	Managing consequences of climate-driven species redistribution requires integration of ecology, conservation and social science. 2018 , 93, 284-305		91
449	Altered sediment biota and lagoon habitat carbonate dynamics due to sea cucumber bioturbation in a high-pCO ₂ environment. <i>Global Change Biology</i> , 2018 , 24, 465-480	11.4	16

448	Adaptation strategies to climate change in marine systems. <i>Global Change Biology</i> , 2018 , 24, e1-e14	11.4	57
447	Observed and predicted impacts of climate change on the estuaries of south-western Australia, a Mediterranean climate region. 2018 , 18, 1357-1373		51
446	Variations in tolerance to climate change in a key littoral herbivore. 2018 , 165, 1		6
445	Distributional responses to marine heat waves: insights from length frequencies across the geographic range of the endemic reef fish <i>Choerodon rubescens</i> . 2018 , 165, 1		18
444	The dynamics of Kelp Forests in the Northeast Pacific Ocean and the relationship with environmental drivers. <i>Journal of Ecology</i> , 2018 , 106, 1520-1533	6	39
443	Kelp forests in False Bay: urchins vs macroalgae in South Africa's southwest coast biogeographical transition zone. 2018 , 40, 395-406		3
442	Revisiting the larval dispersal black box in the Anthropocene. <i>ICES Journal of Marine Science</i> , 2018 , 75, 1841-1848	2.7	16
441	Restoration of a Canopy-Forming Alga Based on Recruitment Enhancement: Methods and Long-Term Success Assessment. 2018 , 9, 1832		46
440	A database of marine larval fish assemblages in Australian temperate and subtropical waters. 2018 , 5, 180207		10
439	A Climate-Driven Functional Inversion of Connected Marine Ecosystems. 2018 , 28, 3654-3660.e3		27
438	Stormwater influences phytoplankton assemblages within the diverse, but impacted Sydney Harbour estuary. 2018 , 13, e0209857		4
437	Increased spatial and temporal autocorrelation of temperature under climate change. 2018 , 8, 14850		32
436	Distribution models predict large contractions of habitat-forming seaweeds in response to ocean warming. 2018 , 24, 1350-1366		81
435	Too hot to handle? Using movement to alleviate effects of elevated temperatures in a benthic elasmobranch, <i>Hemiscyllium ocellatum</i> . 2018 , 165, 1		19
434	Effects of temperature on macronutrient selection, metabolic and swimming performance of the Indo-Pacific Damselfish (<i>Abudefduf vaigiensis</i>). 2018 , 165, 1		11
433	Facilitation of Australia's southernmost reef-building coral by sea urchin herbivory. <i>Coral Reefs</i> , 2018 , 37, 1053-1073	4.2	23
432	Evaluating Operational AVHRR Sea Surface Temperature Data at the Coastline Using Benthic Temperature Loggers. 2018 , 10, 925		25
431	Pessimism on the Food Front. 2018 , 10, 1120		1

430	Marine fauna sort at fine resolution in an ecotone of shifting wetland foundation species. 2018 , 99, 2546-2557	8
429	Subcontinental heat wave triggers terrestrial and marine, multi-taxa responses. 2018 , 8, 13094	60
428	Latitudinal variation in seagrass herbivory: Global patterns and explanatory mechanisms. 2018 , 27, 1068-1079	17
427	Citizen science: a successful tool for monitoring invasive alien species (IAS) in Marine Protected Areas. The case study of the Egadi Islands MPA (Tyrrhenian Sea, Italy). 2018 , 1-7	9
426	The Role of Consumers in Structuring Seagrass Communities: Direct and Indirect Mechanisms. 2018 , 491-540	5
425	The Roles of Seagrasses in Structuring Associated Fish Assemblages and Fisheries. 2018 , 589-627	4
424	Decline and Restoration Ecology of Australian Seagrasses. 2018 , 665-704	11
423	Ocean acidification drives community shifts towards simplified non-calcified habitats in a subtropical-temperate transition zone. 2018 , 8, 11354	61
422	Functional changes in reef systems in warmer seas: Asymmetrical effects of altered grazing by a widespread crustacean mesograzer. 2018 , 644, 976-981	2
421	Marine forests of the Mediterranean-Atlantic <i>Cystoseira tamariscifolia</i> complex show a southern Iberian genetic hotspot and no reproductive isolation in parapatry. 2018 , 8, 10427	15
420	Coralline algal skeletal mineralogy affects grazer impacts. <i>Global Change Biology</i> , 2018 , 24, 4775-4783	11.4 8
419	High Latitude Corals Tolerate Severe Cold Spell. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5 12
418	Predicting Success of Range-Expanding Coral Reef Fish in Temperate Habitats Using Temperature-Abundance Relationships. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5 18
417	Climate Change Impacts on Seagrass Meadows and Macroalgal Forests: An Integrative Perspective on Acclimation and Adaptation Potential. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5 70
416	Habitat proximity exerts opposing effects on key ecological functions. 2018 , 33, 1273-1286	13
415	Effects of ocean acidification on algae growth and feeding rates of juvenile sea urchins. 2018 , 140, 382-389	12
414	Rapid shifts in distribution and high-latitude persistence of oceanographic habitat revealed using citizen science data from a climate change hotspot. <i>Global Change Biology</i> , 2018 , 24, 5440-5453	11.4 25
413	The Microbiome of the Gastrointestinal Tract of a Range-Shifting Marine Herbivorous Fish. 2018 , 9, 2000	28

412	Sensitivity of mangrove range limits to climate variability. 2018 , 27, 925-935		44
411	Ocean currents and herbivory drive macroalgae-to-coral community shift under climate warming. 2018 , 115, 8990-8995		64
410	Spatial distribution shifts in two temperate fish species associated to a newly-introduced tropical seaweed invasion. 2018 , 20, 3193-3205		3
409	Climate-driven substitution of habitat-forming species leads to reduced biodiversity within a temperate marine community. 2018 , 24, 1367-1380		28
408	Carbon assimilation and transfer through kelp forests in the NE Atlantic is diminished under a warmer ocean climate. <i>Global Change Biology</i> , 2018 , 24, 4386-4398	11.4	51
407	Large-scale assessment of benthic communities across multiple marine protected areas using an autonomous underwater vehicle. 2018 , 13, e0193711		9
406	Marine biodiversity at the end of the world: Cape Horn and Diego Ramírez islands. 2018 , 13, e0189930		18
405	Climate change could drive marine food web collapse through altered trophic flows and cyanobacterial proliferation. 2018 , 16, e2003446		92
404	Changing windows of opportunity: past and future climate-driven shifts in temporal persistence of kingfish (<i>Seriola lalandi</i>) oceanographic habitat within south-eastern Australian bioregions. 2019 , 70, 33		20
403	Can ecosystem functioning be maintained despite climate-driven shifts in species composition? Insights from novel marine forests. <i>Journal of Ecology</i> , 2019 , 107, 91-104	6	34
402	Photophysiological Responses of Canopy-Forming Kelp Species to Short-Term Acute Warming. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	7
401	A Systematic Review of How Multiple Stressors From an Extreme Event Drove Ecosystem-Wide Loss of Resilience in an Iconic Seagrass Community. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	39
400	Unpredictable extreme cold events: a threat to range-shifting tropical reef fishes in temperate waters. 2019 , 166, 1		9
399	Community regulation models as a framework for direct and indirect effects of climate change on species distributions. 2019 , 10, e02790		6
398	The brighter side of climate change: How local oceanography amplified a lobster boom in the Gulf of Maine. <i>Global Change Biology</i> , 2019 , 25, 3906-3917	11.4	27
397	Extreme Marine Heatwaves Alter Kelp Forest Community Near Its Equatorward Distribution Limit. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	52
396	Convictfish on the move: variation in growth and trophic niche space along a latitudinal gradient. <i>ICES Journal of Marine Science</i> , 2019 , 76, 2404-2412	2.7	6
395	A review of protocols for the experimental release of kelp (<i>Laminariales</i>) zoospores. 2019 , 9, 8387-8398		8

394	Effects of macroalgal morphology on marine epifaunal diversity. 2019 , 99, 1697-1707		6
393	The Past and Future Ecologies of Australasian Kelp Forests. 2019 , 414-430		
392	The Restructuring of Levant Reefs by Aliens, Ocean Warming and Overfishing. 2019 , 214-236		0
391	Refugia under threat: Mass bleaching of coral assemblages in high-latitude eastern Australia. <i>Global Change Biology</i> , 2019 , 25, 3918-3931	11.4	29
390	Climatic Controls on the Distribution of Foundation Plant Species in Coastal Wetlands of the Conterminous United States: Knowledge Gaps and Emerging Research Needs. 2019 , 42, 1991-2003		13
389	Shifts in Labridae geographical distribution along a unique and dynamic coastline. 2019 , 25, 1787-1799		6
388	New Evidence of Marine Fauna Tropicalization off the Southwestern Iberian Peninsula (Southwest Europe). 2019 , 11, 48		12
387	A Decision Framework for Coastal Infrastructure to Optimize Biotic Resistance and Resilience in a Changing Climate. 2019 , 69, 833-843		12
386	<i>Cronius ruber</i> (Lamarck, 1818) arrives to Madeira Island: a new indication of the ongoing tropicalization of the northeastern Atlantic. 2019 , 49, 2699-2707		9
385	The Intertidal Zone of the North-East Atlantic Region. 2019 , 7-46		9
384	Atlantic corals under climate change: modelling distribution shifts to predict richness, phylogenetic structure and trait-diversity changes. 2019 , 28, 3873-3890		4
383	Climate-driven regime shifts in a mangrove-salt marsh ecotone over the past 250 years. 2019 , 116, 21602-216086		
382	Key Questions for Research and Conservation of Mesophotic Coral Ecosystems and Temperate Mesophotic Ecosystems. 2019 , 989-1003		11
381	Kelp beds and their local effects on seawater chemistry, productivity, and microbial communities. 2019 , 100, e02798		36
380	Harnessing synthetic biology for kelp forest conservation. 2019 , 55, 745-751		36
379	Invasive <i>Tubastraea</i> spp. and <i>Oculina patagonica</i> and other introduced scleractinians corals in the Santa Cruz de Tenerife (Canary Islands) harbor: Ecology and potential risks. 2019 , 29, 100713		13
378	Toward a Coordinated Global Observing System for Seagrasses and Marine Macroalgae. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	63
377	Climate change, biological invasions, and the shifting distribution of Mediterranean fishes: A large-scale survey based on local ecological knowledge. <i>Global Change Biology</i> , 2019 , 25, 2779-2792	11.4	41

376	Can temperature-dependent predation rates regulate range expansion potential of tropical vagrant fishes?. 2019 , 166, 1		14
375	Salinity stress drives herbivory rates and selective grazing in subtidal seagrass communities. 2019 , 14, e0214308		3
374	Modelling ecosystem adaptation and dangerous rates of global warming. 2019 , 3, 221-231		7
373	Perceptions of system-identity and regime shift for marine ecosystems. <i>ICES Journal of Marine Science</i> , 2019 , 76, 1736-1747	2.7	3
372	Indirect legacy effects of an extreme climatic event on a marine megafaunal community. 2019 , 89, e01365		22
371	Invasion-mediated effects on marine trophic interactions in a changing climate: positive feedbacks favour kelp persistence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20182866	4.4	11
370	Widespread shifts in the coastal biota of northern California during the 2014-2016 marine heatwaves. 2019 , 9, 4216		76
369	A Printable Device for Measuring Clarity and Colour in Lake and Nearshore Waters. 2019 , 19,		16
368	Mass coral bleaching of <i>P. versipora</i> in Sydney Harbour driven by the 2015-2016 heatwave. <i>Coral Reefs</i> , 2019 , 38, 815-830	4.2	14
367	Restoring subtidal marine macrophytes in the Anthropocene: trajectories and future-proofing. 2019 , 70, 936		38
366	Future climate change is predicted to affect the microbiome and condition of habitat-forming kelp. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20181887	4.4	41
365	RETRACTED ARTICLE: Structured Decision-Making Identifies Effective Strategies and Potential Barriers for Ecosystem-Based Management of a Range-Extending Species in a Global Marine Hotspot. 2019 , 22, 1573-1591		2
364	Morphological variation of a rapidly spreading native macroalga across a range of spatial scales and its tolerance to sedimentation. 2019 , 147, 149-158		5
363	Effects of macroalgal host identity and predation on an amphipod assemblage from a subtropical rocky shore. 2019 , 836, 65-81		10
362	Tropicalisation of temperate reefs: Implications for ecosystem functions and management actions. <i>Functional Ecology</i> , 2019 , 33, 1000-1013	5.6	73
361	The potential role of temperate Japanese regions as refugia for the coral <i>Acropora hyacinthus</i> in the face of climate change. 2019 , 9, 1892		20
360	Negative effects of warming on seagrass seedlings are not exacerbated by invasive algae. 2019 , 141, 36-45		9
359	Food web rewiring in a changing world. 2019 , 3, 345-354		83

358	Integrating experimental and distribution data to predict future species patterns. 2019 , 9, 1821		26
357	Understanding interactions between plasticity, adaptation and range shifts in response to marine environmental change. 2019 , 374, 20180186		73
356	From the tropics to the pole and back again: Radiation in the flathead fishes (Platycephalidae) across Australia and the Indo-West Pacific. <i>Journal of Biogeography</i> , 2019 , 46, 680-693	4.1	1
355	Adaptive marine conservation planning in the face of climate change: What can we learn from physiological, ecological and genetic studies?. 2019 , 17, e00566		38
354	Distribution of Palinuridae and Scyllaridae phyllosoma larvae within the East Australian Current: a climate change hot spot. 2019 , 70, 1020		2
353	Global environmental changes negatively impact temperate seagrass ecosystems. 2019 , 10, e02986		6
352	Thermal plasticity is independent of environmental history in an intertidal seaweed. 2019 , 9, 13402-13412		8
351	Overwintering tropical herbivores accelerate detritus production on temperate reefs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20192046	4.4	7
350	Resistance, Extinction, and Everything in Between – The Diverse Responses of Seaweeds to Marine Heatwaves. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	48
349	The North-Western Margin of Australia. 2019 , 303-331		2
348	Mesophotic corals on the subtropical shelves of Lord Howe Island and Balls Pyramid, south-western Pacific Ocean. 2019 , 70, 43		5
347	Global challenges for seagrass conservation. 2019 , 48, 801-815		104
346	Evolutionary significance of the microbial assemblages of large benthic Foraminifera. 2019 , 94, 828-848		20
345	Integration of physiological knowledge into hybrid species distribution modelling to improve forecast of distributional shifts of tropical corals. 2019 , 25, 715-728		18
344	Trophic interactions across 61 degrees of latitude in the Western Atlantic. 2019 , 28, 107-117		37
343	Cast adrift: Physiology and dispersal of benthic <i>Sargassum spinuligerum</i> in surface rafts. 2019 , 64, 526-540		12
342	Exploring the relationships between marine protected areas and invasive fish in the world's most invaded sea. 2019 , 29, e01809		29
341	Status and Trends for the World's Kelp Forests. 2019 , 57-78		93

340	Changes in arthropod communities as black mangroves <i>Avicennia germinans</i> expand into Gulf of Mexico salt marshes. 2019 , 13, 465-475		4
339	A new association between goblet worms (Entoprocta) and xeniid corals (Cnidaria). 2019 , 49, 487-493		2
338	Climate-Driven Shifts in Marine Species Ranges: Scaling from Organisms to Communities. 2020 , 12, 153-179		82
337	Temperature thresholds for black mangrove (<i>Avicennia germinans</i>) freeze damage, mortality and recovery in North America: Refining tipping points for range expansion in a warming climate. <i>Journal of Ecology</i> , 2020 , 108, 654-665	6	24
336	Impacts of ocean warming on kelp forest ecosystems. 2020 , 225, 1447-1454		85
335	What's ploidy got to do with it? Understanding the evolutionary ecology of macroalgal invasions necessitates incorporating life cycle complexity. 2020 , 13, 486-499		16
334	The influence of thermal extremes on coral reef fish behaviour in the Arabian/Persian Gulf. <i>Coral Reefs</i> , 2020 , 39, 733-744	4.2	9
333	Environmental drivers of rhodolith beds and epiphytes community along the South Western Atlantic coast. 2020 , 154, 104827		19
332	Ocean warming and tropical invaders erode the performance of a key herbivore. 2020 , 101, e02925		17
331	Temperate rocky reef on the southeast Australian continental shelf. 2020 , 487-502		
330	Habitat and fishing control grazing potential on coral reefs. <i>Functional Ecology</i> , 2020 , 34, 240-251	5.6	18
329	Winter climate change and the poleward range expansion of a tropical invasive tree (Brazilian pepper- <i>Schinus terebinthifolius</i>). <i>Global Change Biology</i> , 2020 , 26, 607-615	11.4	12
328	How experimental physiology and ecological niche modelling can inform the management of marine bioinvasions?. 2020 , 700, 134692		4
327	Decadal dynamics of subtidal barrens habitat. 2020 , 154, 104869		4
326	Ocean warming compresses the three-dimensional habitat of marine life. 2020 , 4, 109-114		24
325	Range-extending coral reef fishes trade-off growth for maintenance of body condition in cooler waters. 2020 , 703, 134598		8
324	Replacement of <i>Ulva ohnoi</i> in the type locality under rapid ocean warming in southwestern Japan. 2020 , 32, 2489-2494		2
323	The shelled gastropods of the Solitary Islands Marine Park, northern New South Wales, Australia. 2020 , 40, 142-149		2

322	Changes to the structure of tropical seagrass meadows (<i>Halophila decipiens</i>) in the warm-temperate waters of the southwest Atlantic. 2020 , 161, 103174		2
321	Tropicalization may invert trophic state and carbon budget of shallow temperate rocky reefs. <i>Journal of Ecology</i> , 2020 , 108, 844-854	6	11
320	Local thermal adaptation and limited gene flow constrain future climate responses of a marine ecosystem engineer. 2020 , 13, 918-934		21
319	Trophic interactions will expand geographically but be less intense as oceans warm. <i>Global Change Biology</i> , 2020 , 26, 6805-6812	11.4	6
318	Quantitative records of habitat-forming seaweeds found in Japanese temperate and subtropical zones (fucooids and kelps). 2020 , 35, 967-974		3
317	Remnant kelp bed refugia and future phase-shifts under ocean acidification. 2020 , 15, e0239136		1
316	The Biophysical Controls of Macroalgal Growth on Subtropical Reefs. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	3
315	Summer and Winter Marine Heatwaves Favor an Invasive Over Native Seaweeds. 2020 , 56, 1591-1600		8
314	Range-extending tropical herbivores increase diversity, intensity and extent of herbivory functions in temperate marine ecosystems. <i>Functional Ecology</i> , 2020 , 34, 2411-2421	5.6	5
313	Caribbean reefs of the Anthropocene: Variance in ecosystem metrics indicates bright spots on coral depauperate reefs. <i>Global Change Biology</i> , 2020 , 26, 4785-4799	11.4	8
312	Latitudinal patterns in trophic structure of temperate reef-associated fishes and predicted consequences of climate change. <i>Fish and Fisheries</i> , 2020 , 21, 1092-1108	6	14
311	Shallow-Water Coral Communities Support the Separation of Marine Ecoregions on the West-Central Florida Gulf Coast. 2020 , 8,		1
310	Recolonization Dynamics of Warm Affinity <i>Halophila nipponica</i> in a Temperate Seagrass Meadow With <i>Zostera marina</i> . <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	
309	Adaptation of Fishing Communities to Climate-Driven Shifts in Target Species. 2020 , 2, 544-556		20
308	Microbial tropicalization driven by a strengthening western ocean boundary current. <i>Global Change Biology</i> , 2020 , 26, 5613-5629	11.4	4
307	Novel co-occurrence of functionally redundant consumers induced by range expansion alters community structure. 2020 , 101, e03150		5
306	Phylogeny and Evolution of the Brown Algae. 2020 , 39, 281-321		31
305	ENSO-Driven Ocean Extremes and Their Ecosystem Impacts. 2020 , 409-428		5

304	Differential effects of pollution on adult and recruits of a canopy-forming alga: implications for population viability under low pollutant levels. 2020 , 10, 17825		7
303	Financial and Institutional Support Are Important for Large-Scale Kelp Forest Restoration. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	10
302	Invasion by an ecosystem engineer shifts the abundance and distribution of fish but does not decrease diversity. 2020 , 160, 111586		3
301	Thermal stress-related spatiotemporal variations in high-latitude coral reef benthic communities. <i>Coral Reefs</i> , 2020 , 39, 1661-1673	4.2	8
300	Idea Paper: Tracking the distribution of accretive reef communities across the Kuroshio region. 2020 , 35, 595-598		4
299	Genetic tropicalisation following a marine heatwave. 2020 , 10, 12726		28
298	Against all odds: a tale of marine range expansion with maintenance of extremely high genetic diversity. 2020 , 10, 12707		5
297	The challenges of detecting and attributing ocean acidification impacts on marine ecosystems. <i>ICES Journal of Marine Science</i> , 2020 , 77, 2411-2422	2.7	16
296	Frequency of extreme freeze events controls the distribution and structure of black mangroves (<i>Avicennia germinans</i>) near their northern range limit in coastal Louisiana. 2020 , 26, 1366-1382		20
295	Marine protected areas do not prevent marine heatwave-induced fish community structure changes in a temperate transition zone. 2020 , 10, 21081		5
294	Decision support for the Ecosystem-Based Management of a Range-Extending Species in a Global Marine Hotspot Presents Effective Strategies and Challenges. 2020 , 1		1
293	Exploring marine invasions connectivity in a NE Atlantic Island through the lens of historical maritime traffic patterns. 2020 , 37, 101333		8
292	Regional variation in $\delta^{13}C$ of coral reef macroalgae. 2020 , 65, 2291-2302		5
291	Resilience of the amphipod <i>Hyale niger</i> and its algal host <i>Sargassum linearifolium</i> to heatwave conditions. 2020 , 167, 1		6
290	Combined mechanistic modelling predicts changes in species distribution and increased co-occurrence of a tropical urchin herbivore and a habitat-forming temperate kelp. 2020 , 26, 1211-1226		8
289	Does temperature constrain diet choice in a marine herbivorous fish?. 2020 , 167, 1		1
288	Trait-based life strategies, ecological niches, and niche overlap in the nekton of the data-poor Mediterranean Sea. 2020 , 10, 7129-7144		4
287	An Assessment of Computational Fluid Dynamics as a Tool to Aid the Design of the HCMR-Artificial-Reefs™ Diving Oasis in the Underwater Biotechnological Park of Crete. 2020 , 12, 4847		4

286	Will the Florida Big Bend Area Become the Next Gulf of Mexico Reef Tract?. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	
285	A Water Mass Classification Approach to Tracking Variability in the East Australian Current. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	6
284	Kelp forests at the end of the earth: 45 years later. 2020 , 15, e0229259		19
283	Past and lost influence of the Kuroshio on estuarine recruitment of <i>Anguilla japonica</i> glass eels. 2020 , 76, 259-270		1
282	Using optimised otolith sectioning to determine the age, growth and age at sexual maturity of the herbivorous fish <i>Kyphosus bigibbus</i> : with a comparison to using scales. 2020 , 71, 855		3
281	The Origin of the Subtropical Coral <i>Alveopora japonica</i> (Scleractinia: Acroporidae) in High-Latitude Environments. 2020 , 8,		8
280	Successional Variation in the Soil Microbial Community in Odaesan National Park, Korea. 2020 , 12, 4795		5
279	Depth, nutrients and urchins explain variability in <i>Ecklonia radiata</i> (laminariales) distribution and cover across ten degrees of latitude. 2020 , 166, 103274		3
278	Functional diversity of reef molluscs along a tropical-to-temperate gradient. <i>Coral Reefs</i> , 2020 , 39, 1361-1376	4.376	3
277	Climate change impacts on the atmospheric circulation, ocean, and fisheries in the southwest South Atlantic Ocean: a review. 2020 , 162, 2359-2377		24
276	Snapshot of Macroalgae and Fish Assemblages in Temperate Reefs in the Southern European Atlantic Ecoregion. 2020 , 12, 26		0
275	Nitrogen sufficiency enhances thermal tolerance in habitat-forming kelp: implications for acclimation under thermal stress. 2020 , 10, 3186		31
274	Multidecadal shifts in fish community diversity across a dynamic biogeographic transition zone. 2020 , 26, 93-107		10
273	Effects of dietary exposure to ciguatera toxin P-CTX-1 on the reproductive performance in marine medaka (<i>Oryzias melastigma</i>). 2020 , 152, 110837		8
272	Effect of high temperature on gametogenesis of the sea urchin <i>Strongylocentrotus intermedius</i> in the Sea of Japan, northern Hokkaido, Japan. 2020 , 525, 151324		3
271	Ciguatera Fish Poisoning: The Risk from an Aotearoa/New Zealand Perspective. 2020 , 12,		18
270	Characterizing biogeochemical fluctuations in a world of extremes: A synthesis for temperate intertidal habitats in the face of global change. <i>Global Change Biology</i> , 2020 , 26, 3858-3879	11.4	10
269	An Evaluation of Autonomous In Situ Temperature Loggers in a Coastal Region of the Eastern Mediterranean Sea for Use in the Validation of Near-Shore Satellite Sea Surface Temperature Measurements. 2020 , 12, 1140		2

268	Opposing climate-change impacts on poleward-shifting coral-reef fishes. <i>Coral Reefs</i> , 2020 , 39, 577-581	4.2	2
267	Restore or Redefine: Future Trajectories for Restoration. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	36
266	Environmental drivers and indicators of change in habitat and fish assemblages within a climate change hotspot. 2020 , 36, 101295		5
265	Multiple spawning events promote increased larval dispersal of a predatory fish in a western boundary current. 2020 , 29, 309-323		10
264	Global Patterns in Seagrass Herbivory: Why, Despite Existing Evidence, There Are Solid Arguments in Favor of Latitudinal Gradients in Seagrass Herbivory. 2021 , 44, 481-490		3
263	When form does not predict function: Empirical evidence violates functional form hypotheses for marine macroalgae. <i>Journal of Ecology</i> , 2021 , 109, 833-846	6	3
262	Latitudinal variation in plant defence against herbivory in a marine foundation species does not follow a linear pattern: The importance of resource availability. 2021 , 30, 220-234		1
261	Damage or benefit? How future scenarios of climate change may affect the distribution of small pelagic fishes in the coastal seas of the Americas. 2021 , 234, 105815		2
260	Effects of low pH and high temperature on two <i>Palythoa</i> spp. and predator-prey interactions in the subtropical eastern Atlantic. 2021 , 31, 748-763		2
259	Ocean warming combined with nutrient enrichment increases the risk of herbivory during cultivation of the marine macroalga <i>Undaria Pinnatifida</i> . <i>ICES Journal of Marine Science</i> , 2021 , 78, 402-409	2.7	5
258	Potential stocks of reef fish-based ecosystem services in the Kuroshio Current region: Their relationship with latitude and biodiversity. 2021 , 63, 75-91		4
257	Japan's nationwide long-term monitoring survey of seaweed communities known as the 1000 Monitoring Sites 1000 Ten-year overview and future perspectives. 2021 , 69, 12-30		18
256	Sliding Toward the Collapse of Mediterranean Coastal Marine Rocky Ecosystems. 2021 , 291-324		4
255	Marine Heatwave Drives Collapse of Kelp Forests in Western Australia. 2021 , 325-343		8
254	Successful establishment of range-shifting, warm water Labridae in temperate South Western Australia.		
253	Targeted Sequencing of Mitochondrial Genes Reveals Signatures of Molecular Adaptation in a Nearly Panmictic Small Pelagic Fish Species. 2021 , 12,		3
252	How Does Mangrove Expansion Affect Structure and Function of Adjacent Seagrass Meadows?. 2021 , 44, 453-467		3
251	Genomic vulnerability of a dominant seaweed points to future-proofing pathways for Australia's underwater forests. <i>Global Change Biology</i> , 2021 , 27, 2200-2212	11.4	10

250	Local-scale climatic refugia offer sanctuary for a habitat-forming species during a marine heatwave. <i>Journal of Ecology</i> , 2021 , 109, 1758-1773	6	14
249	Ocean acidification may slow the pace of tropicalization of temperate fish communities. 2021 , 11, 249-256		4
248	The Rate of Coastal Temperature Rise Adjacent to a Warming Western Boundary Current is Nonuniform with Latitude. 2021 , 48, e2020GL090751		7
247	Natural and anthropogenic climate variability shape assemblages of range-extending coral-reef fishes. <i>Journal of Biogeography</i> , 2021 , 48, 1063-1075	4.1	3
246	Loss of predation risk from apex predators can exacerbate marine tropicalization caused by extreme climatic events. 2021 , 90, 2041-2052		7
245	Climate-driven impacts of exotic species on marine ecosystems. 2021 , 30, 1043-1055		3
244	Persistence of tropical herbivores in temperate reefs constrains kelp resilience to cryptic habitats. <i>Journal of Ecology</i> , 2021 , 109, 2081-2094	6	2
243	Effect of foundation species composition and oil exposure on wetland communities across multiple trophic levels. 2021 , 662, 53-68		1
242	Climate-induced decrease in biomass flow in marine food webs may severely affect predators and ecosystem production. <i>Global Change Biology</i> , 2021 , 27, 2608-2622	11.4	6
241	Diel vertical movements and feeding behaviour of blue humphead parrotfish <i>Scarus ovifrons</i> in a temperate reef of Japan. 2021 , 99, 131-142		2
240	Tropicalization of temperate ecosystems in North America: The northward range expansion of tropical organisms in response to warming winter temperatures. <i>Global Change Biology</i> , 2021 , 27, 3009-3034	11.4	30
239	Future climate change will impact the size and location of breeding and wintering areas of migratory thrushes in South America. 2021 , 123,		2
238	Species-specific thermal classification schemes can improve climate related marine resource decisions. 2021 , 16, e0250792		
237	Marine communities of the newly created Kawqar National Reserve, Chile: From glaciers to the Pacific Ocean. 2021 , 16, e0249413		4
236	Introduced alien, range extension or just visiting? Combining citizen science observations and expert knowledge to classify range dynamics of marine fishes. 2021 , 27, 1278-1293		2
235	Ocean warming and species range shifts affect rates of ecosystem functioning by altering consumer-resource interactions. 2021 , 102, e03341		5
234	Cold thermal tolerance as a range-shift predictive trait: an essential link in the disparity of occurrence of tropical reef fishes in temperate waters. 2021 , 168, 1		0
233	Future changes to the upper ocean Western Boundary Currents across two generations of climate models. 2021 , 11, 9538		7

232	Molecular analysis of a fungal disease in the habitat-forming brown macroalga <i>Phyllospora comosa</i> (Fucales) along a latitudinal gradient. 2021 , 57, 1504-1516		3
231	Ship-driven biopollution: How aliens transform the local ecosystem diversity in Pacific islands. 2021 , 166, 112251		5
230	Evaluating bloom potential of the green-tide forming alga <i>Ulva ohnoi</i> under ocean acidification and warming. 2021 , 769, 144443		11
229	Conservation genomics of a critically endangered brown seaweed. 2021 , 57, 1345-1355		1
228	Charting a course for genetic diversity in the UN Decade of Ocean Science. 2021 , 14, 1497-1518		4
227	Genotype-Environment mismatch of kelp forests under climate change. 2021 , 30, 3730-3746		7
226	Coral distribution and bleaching vulnerability areas in Southwestern Atlantic under ocean warming. 2021 , 11, 12833		7
225	Short-term stress responses and recovery of giant kelp (<i>Macrocystis pyrifera</i> , Laminariales, Phaeophyceae) juvenile sporophytes to a simulated marine heatwave and nitrate scarcity. 2021 , 57, 1604-1618 ¹		
224	Winners and losers: prevalence of non-indigenous species under simulated marine heatwaves and high propagule pressure. 2021 , 668, 21-38		4
223	Flood-stimulated herbivory drives range retraction of a plant ecosystem. <i>Journal of Ecology</i> , 2021 , 109, 3541	6	2
222	Vegetative Reproduction Is More Advantageous Than Sexual Reproduction in a Canopy-Forming Clonal Macroalga under Ocean Warming Accompanied by Oligotrophication and Intensive Herbivory. 2021 , 10,		3
221	Regional estimates of a range-extending ecosystem engineer using stereo-imagery from ROV transects collected with an efficient, spatially balanced design.		1
220	Physiology, niche characteristics and extreme events: Current and future habitat suitability of a rhodolith-forming species in the Southwestern Atlantic. 2021 , 169, 105394		1
219	Homogenization and miniaturization of habitat structure in temperate marine forests. <i>Global Change Biology</i> , 2021 , 27, 5262-5275	11.4	4
218	Simplification, not "tropicalization", of temperate marine ecosystems under ocean warming and acidification. <i>Global Change Biology</i> , 2021 , 27, 4771-4784	11.4	4
217	Sensitivity of a cold-water coral reef to interannual variability in regional oceanography. 2021 , 27, 1719-1731		0
216	The collapse of marine forests: drastic reduction in populations of the family Sargassaceae in Madeira Island (NE Atlantic). 2021 , 21, 1		2
215	Thermal tolerance of early development predicts the realized thermal niche in marine ectotherms. <i>Functional Ecology</i> , 2021 , 35, 1679-1692	5.6	2

214	Novel species interactions and environmental conditions reduce foraging competency at the temperate range edge of a range-extending coral reef fish. <i>Coral Reefs</i> , 2021 , 40, 1525-1536	4.2	5
213	Impacts of heat stress and storm events on the benthic communities of Kenting National Park (Taiwan). 2021 , 9, e11744		0
212	The Distribution and Structure of Mangroves (<i>Avicennia germinans</i> and <i>Rhizophora mangle</i>) Near a Rapidly Changing Range Limit in the Northeastern Gulf of Mexico. 1		4
211	Portraying Gradients of Structural Complexity in Coral Reefs Using Fine-Scale Depth Profiles. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	
210	Recent Trends in SST, Chl-a, Productivity and Wind Stress in Upwelling and Open Ocean Areas in the Upper Eastern North Atlantic Subtropical Gyre. <i>Journal of Geophysical Research: Oceans</i> , 2021 , 126, e2021JC017268	3.3	2
209	One of the least disturbed marine coastal ecosystems on Earth: Spatial and temporal persistence of Darwin's sub-Antarctic giant kelp forests. <i>Journal of Biogeography</i> , 2021 , 48, 2562-2577	4.1	5
208	Ecological Leverage Points: Species Interactions Amplify the Physiological Effects of Global Environmental Change in the Ocean. 2021 ,		3
207	Diminishing potential for tropical reefs to function as coral diversity strongholds under climate change conditions.		4
206	Sublethal effects of a rapidly spreading native alga on a key herbivore. 2021 , 11, 12605-12616		0
205	Unusual high coral cover in a Southwestern Atlantic subtropical reef. 2021 , 51, 1		0
204	Assemblage structure and spatial diversity patterns of kelp forest-associated fishes in Southern Patagonia. 2021 , 16, e0257662		0
203	Climate-induced outbreaks in high-elevation pines are driven primarily by immigration of bark beetles from historical hosts. <i>Global Change Biology</i> , 2021 , 27, 5786-5805	11.4	2
202	Improving predictions of invasive fish ranges combining functional and ecological traits with environmental suitability under climate change scenarios. <i>Global Change Biology</i> , 2021 , 27, 6086-6102	11.4	1
201	Differential tolerance of species alters the seasonal response of marine epifauna to extreme warming. 2021 , 797, 149215		2
200	Marine cold-spells. <i>Progress in Oceanography</i> , 2021 , 198, 102684	3.8	4
199	A global meta-analysis of temperature effects on marine fishes' digestion across trophic groups. 2021 , 30, 795-810		2
198	Impact of Marine Heatwaves on Seagrass Ecosystems. 2021 , 345-364		2
197	Investigation into the Occurrence of Juvenile Common Snook <i>Centropomus undecimalis</i> , a Subtropical Estuarine Sport Fish, in Saltmarshes Beyond Their Established Range. 2021 , 44, 1477-1483		4

196	Extreme Events Trigger Terrestrial and Marine Ecosystem Collapses in the Southwestern USA and Southwestern Australia. 2021 , 187-217	2
195	Marine biodiversity and climate change. 2021 , 445-464	7
194	High dispersal capacity and biogeographic breaks shape the genetic diversity of a globally distributed reef-dwelling calcifier. 2020 , 10, 5976-5989	11
193	The Ecology of Browsing and Grazing in Other Vertebrate Taxa. 2019 , 339-404	2
192	Consequences of Climate Change on the Oceans. 2018 , 95-110	1
191	Is the future as tasty as the present? Elevated temperature and hyposalinity affect the quality of <i>Fucus</i> (Phaeophyceae, Fucales) as food for the isopod <i>Idotea balthica</i> . 2017 , 164, 1	20
190	Sustained Ocean Observing along the Coast of Southeastern Australia: NSW-IMOS 2007-2014. 2015 , 76-98	13
189	Seawater warming at the northern reach for southern species: Gulf of Genoa, NW Mediterranean. 2018 , 98, 1-12	25
188	Species better track climate warming in the oceans than on land. 2020 , 4, 1044-1059	121
187	The influence of thermal extremes on coral reef fish behaviour in the Persian Gulf.	3
186	Large-scale geographic variation in distribution and abundance of Australian deep-water kelp forests. 2015 , 10, e0118390	54
185	Keeping It Local: Dispersal Limitations of Coral Larvae to the High Latitude Coral Reefs of the Houtman Abrolhos Islands. 2016 , 11, e0147628	13
184	Reef Sound as an Orientation Cue for Shoreward Migration by Pueruli of the Rock Lobster, <i>Jasus edwardsii</i> . 2016 , 11, e0157862	12
183	Genomic and morphological evidence of distinct populations in the endemic common (weedy) seadragon <i>Phyllopteryx taeniolatus</i> (Syngnathidae) along the east coast of Australia. 2020 , 15, e0243446	3
182	Temporal patterns of aggregation formation around wave-dissipating blocks in the grey sea chub <i>Kyphosus bigibbus</i> . 2017 , 83, 74-76	2
181	Coral reproduction at Hall Bank, a high latitude coral assemblage in Western Australia. 2018 , 27, 55-63	4
180	Turf-forming algal assemblages on temperate reefs are strongly influenced by the territorial herbivorous fish <i>Parma mccullochi</i> (Pomacentridae). 2015 , 523, 175-185	4
179	Effects of landscape configuration on the exchange of materials in seagrass ecosystems. 2015 , 532, 89-100	27

178	Kelp in hot water: II. Effects of warming seawater temperature on kelp quality as a food source and settlement substrate. 2015 , 537, 105-119	17
177	Herbivory drives kelp recruits into hiding in a warm ocean climate. 2015 , 536, 1-9	36
176	Large-scale degradation of a kelp ecosystem in an ocean warming hotspot. 2016 , 543, 141-152	107
175	Wave-sheltered embayments are recruitment hotspots for tropical fishes on temperate reefs. 2016 , 546, 197-212	12
174	Warming and acidification-mediated resilience to bacterial infection determine mortality of early <i>Ostrea edulis</i> life stages. 2016 , 545, 189-202	7
173	Fast-spreading green beds of recently introduced <i>Halimeda incrassata</i> invade Mallorca island (NW Mediterranean Sea). 2016 , 558, 153-158	16
172	Changes in deep reef benthic community composition across a latitudinal and environmental gradient in temperate Eastern Australia. 2017 , 565, 35-52	12
171	Predicting seagrass recovery times and their implications following an extreme climate event. 2017 , 567, 79-93	26
170	Regional-scale variability in the response of benthic macroinvertebrate assemblages to a marine heatwave. 2017 , 568, 17-30	33
169	Seascape habitat patchiness and hydrodynamics explain genetic structuring of kelp populations. 2018 , 587, 81-92	14
168	Potential climate-mediated changes to the distribution and density of pomacentrid reef fishes in south-western Australia. 2018 , 604, 223-235	8
167	Ecological and life history traits explain a climate-induced shift in a temperate marine fish community. 2018 , 606, 175-186	11
166	Global biogeography of coral recruitment: tropical decline and subtropical increase. 2019 , 621, 1-17	36
165	Behavioural traits and feeding ecology of Mediterranean lionfish and naïveté of native species to lionfish predation. 2020 , 638, 123-135	6
164	Green turtle herbivory and its effects on the warm, temperate seagrass meadows of St. Joseph Bay, Florida (USA). 2020 , 639, 37-51	12
163	Taxonomic composition of mobile epifaunal invertebrate assemblages on diverse benthic microhabitats from temperate to tropical reefs. 2020 , 640, 31-43	8
162	Climate change in the Bay of Biscay: Changes in spatial biodiversity patterns could be driven by the arrivals of southern species. 2020 , 647, 17-31	6
161	Distribution of <i>Caulerpa taxifolia</i> var. <i>distichophylla</i> (Sonder) Verlaque, Huisman & Procaccini in the Mediterranean Sea. 2020 , 647, 17-31	6

160	Advancing marine conservation in European and contiguous seas with the MarCons Action. 3, e11884	25
159	Annotated checklist of brachyuran crabs (Crustacea: Decapoda) of the Iberian Peninsula (SW Europe). 2015 , 79, 243-256	12
158	Brachyuran crabs (Crustacea: Decapoda) from the Canary Islands (eastern Atlantic): checklist, zoogeographic considerations and conservation. 2011 ,	1
157	Northernmost record of the pantropical portunid crab <i>Cronius ruber</i> in the eastern Atlantic (Canary Islands): natural range extension or human-mediated introduction?. 2017 , 81, 81	11
156	Integrative taxonomy supports the presence of two species of <i>Kyphosus</i> (Perciformes: Kyphosidae) in Atlantic European waters. 2017 , 81, 467	2
155	Fish nursery value of algae habitats in temperate coastal reefs. 2019 , 7, e6797	5
154	First outplanting of the habitat-forming seaweed var. from a restoration perspective. 2019 , 7, e7290	20
153	Mediterranean nekton traits: distribution, relationships and significance for marine ecology monitoring and management. 2020 , 8, e8494	4
152	Chapter 19 : Southeast. Impacts, Risks, and Adaptation in the United States: The Fourth National Climate Assessment, Volume II. 2018 ,	13
151	Chapter 9 : Oceans and Marine Resources. Impacts, Risks, and Adaptation in the United States: The Fourth National Climate Assessment, Volume II. 2018 ,	4
150	Socioeconomic impacts of marine heatwaves: Global issues and opportunities. 2021 , 374, eabj3593	10
149	Behavioural generalism could facilitate coexistence of tropical and temperate fishes under climate change. 2021 ,	4
148	The transcriptomic signature of cold and heat stress in benthic foraminifera: Implications for range expansions of marine calcifiers. <i>Functional Ecology</i> , 2021 , 35, 2679	5.6 0
147	Space use by the endemic common (weedy) seadragon (<i>Phyllopteryx taeniolatus</i>): influence of habitat and prey. 2021 ,	1
146	Effects of sea urchin and herbivorous gastropod removal, coupled with transplantation, on seaweed forest restoration. 2021 ,	1
145	Climate change and their impacts in the Balearic Islands: a guide for policy design in Mediterranean regions. 2021 , 21, 107	4
144	Introduction to Tropical and Subtropical Pinnipeds. 2017 , 1-11	
143	Fish assemblage structures and growth of <i>Ecklonia cava</i> in an afforested kelp bed and a natural kelp bed in Kochi Prefecture, Japan. 2018 , 84, 796-808	

142	Macroalgal resource use differences across age and size classes in the dominant temperate herbivorous fish <i>Aplodactylus lophodon</i> (Aplodactylidae). 2019 , 70, 531	
141	Combined effects of temperature, nutrient availability, and irradiance on growth, anti-herbivore defense, and color of large brown macroalgae. 2019 , 85, 383-385	
140	Competitive interactions among juvenile and adult life stages of northern Gulf of Mexico red snapper <i>Lutjanus campechanus</i> and a tropical range-expanding congener. 2019 , 622, 139-155	1
139	Presence of a resident species aids invader evolution.	
138	Sea grasses, a new unreported habitat for the heterobranch mollusk <i>Umbraculum umbraculum</i> in the Caribbean region. 2020 , 33, 129-133	1
137	Coral Communities on Marginal High-Latitude Reefs in West Australian Marine Parks. 2021 , 13, 554	1
136	Climate-assisted persistence of tropical fish vagrants in temperate marine ecosystems. 2021 , 4, 1231	0
135	Octocoral populations and connectivity in continental Ecuador and Galápagos, Eastern Pacific. 2020 , 87, 411-441	1
134	Macroalgae and Cyanobacteria. 2020 , 47-104	
133	Behavioural traits and feeding ecology of Mediterranean lionfish and native species naïveté to lionfish predation.	
132	Diving deep into trouble: the role of foraging strategy and morphology in adapting to a changing environment. 2020 , 8, coaa111	2
131	Invasive Alien Species and Their Effects on Marine Animal Forests. 2020 , 419-467	1
130	Spatial assemblage structure of shallow-water reef fish in Southwest Australia. 2020 , 649, 125-140	0
129	Genetic Affinities and Biogeography of Putative Levantine-Endemic Seaweed <i>Treptacantha rayssiae</i> (Ramon) M.Mulas, J.Neiva & Israel, comb. nov. (Phaeophyceae). 2020 , 41,	1
128	Effects of ocean acidification on the performance and interaction of fleshy macroalgae and a grazing sea urchin. 2022 , 547, 151662	2
127	The Two Sides of the Mediterranean: Population Genomics of the Black Sea Urchin <i>Arbacia lixula</i> (Linnaeus, 1758) in a Warming Sea. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5 0
126	Biodiversity Management in a Mediterranean National Park: The Long, Winding Path from a Species-Centred to an Ecosystem-Centred Approach. 2021 , 13, 594	2
125	Persistence of seaweed forests in the anthropocene will depend on warming and marine heatwave profiles. 2021 ,	2

124	Is the South-Mediterranean Canopy-Forming <i>Ericaria giacconei</i> (= <i>Cystoseira hyblaea</i>) a Loser From Ocean Warming?. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	0
123	Metabarcoding hyperdiverse kelp holdfast communities on temperate reefs: An experimental approach to inform future studies.		
122	Reproductive biology of female blue swimmer crabs in the temperate estuaries of south-eastern Australia. 2021 ,		1
121	Predicting Future Shifts in the Distribution of Tropicalization Indicator Fish that Affect Coastal Ecosystem Services of Japan. 2022 , 7,		0
120	Restoration of a small-sized macroalgal bed through the removal of sea urchins in Kashiyama, Nagasaki Prefecture. 2022 ,		
119	Persistent thermally driven shift in the functional trait structure of herbivorous fishes: Evidence of top-down control on the rebound potential of temperate seaweed forests?. <i>Global Change Biology</i> , 2022 ,	11.4	1
118	The impacts of mangrove range expansion on wetland ecosystem services in the southeastern United States: current understanding, knowledge gaps, and emerging research needs.. <i>Global Change Biology</i> , 2022 ,	11.4	3
117	Tropicalization unlocks novel trophic pathways and enhances secondary productivity in temperate reefs. <i>Functional Ecology</i> ,	5.6	0
116	Intergrading reef communities across discrete seaweed habitats in a temperate-tropical transition zone: Lessons for species reshuffling in a warming ocean.. 2022 , 12, e8538		0
115	Phenotypic Plasticity in Sargassum Forests May Not Counteract Projected Biomass Losses Along a Broad Latitudinal Gradient. 1		
114	Temperate Kelp Forest Collapse by Fish Herbivory: A Detailed Demographic Study. <i>Frontiers in Marine Science</i> , 2022 , 9,	4.5	1
113	Diversity and patterns of marine non-native species in the archipelagos of Macaronesia.		2
112	Effects of selected environmental conditions on growth and carrageenan quality of laboratory-cultured <i>Kappaphycus alvarezii</i> (Rhodophyta) in Fiji, South Pacific.		
111	Potential combined impacts of climate change and non-indigenous species arrivals on Bay of Biscay trophic network structure and functioning. 2022 , 228, 103704		
110	Kelp detritus: Unutilized productivity or an unacknowledged trophic resource?. 2022 , 820, 153191		1
109	Thermal tolerance of <i>Hypnea pseudomusciformis</i> ecotypes (Cystocloniaceae, Rhodophyta) related to different floristic provinces along the Brazilian coast.		
108	Ecosystem-Based Fisheries Management: Selected Examples. 2022 , 125-146		
107	Identifying volatile compounds in rabbit fish (<i>Siganus fuscescens</i>) tissues and their enzymatic generation. 1		0

106	Linking growth patterns to sea temperature and oxygen levels across European sardine (<i>Sardina pilchardus</i>) populations.		1
105	Sea Urchin Removal as a Tool for Macroalgal Restoration: A Review on Removing the Spiny Enemies <i>Frontiers in Marine Science</i> , 2022 , 9,	4.5	1
104	New records of marine macroalgae for the Azores. 2022 , 65, 105-120		
103	Trait-based approaches to global change ecology: moving from description to prediction.. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022 , 289, 20220071	4.4	2
102	Crown area predicts total biomass for <i>Rhodomyrtus tomentosa</i> , an invasive shrub in Florida. 1-17		
101	Global kelp forest restoration: past lessons, present status, and future directions.. 2022 ,		6
100	Tropicalization of temperate reef fish communities facilitated by urchin grazing and diversity of thermal affinities. 2022 , 31, 995-1005		
99	Drivers of kelp distribution in the Gulf of St. Lawrence: insights from a transplant experiment. 2022 , 169, 1		0
98	Sea temperature and habitat effects on juvenile reef fishes along a tropicalizing coastline.		0
97	The role of herbivores in shaping subtropical coral communities in warming oceans. 2022 , 169, 1		1
96	A New Signal of Tropicalization in the Northeast Atlantic: The Spread of the Spotfin Burrfish <i>Chilomycterus reticulatus</i> in Madeira Archipelago and Its Invasion Risk. 2021 , 13, 639		1
95	Ocean warming and acidification degrade shoaling performance and lateralization of novel tropical-temperate fish shoals.. <i>Global Change Biology</i> , 2021 ,	11.4	2
94	Geometric morphometrics shows a close relationship between the shape features, position on thalli, and CaCO ₃ content of segments in <i>Halimeda tuna</i> (Bryopsidales, Ulvophyceae).		1
93	Effectiveness of blocking primers and a peptide nucleic acid (PNA) clamp for 18S metabarcoding dietary analysis of herbivorous fish.. 2022 , 17, e0266268		0
92	Signature of climate-induced changes in seafood species served in restaurants. 1		1
91	Grazing and Recovery of Kelp Gametophytes Under Ocean Warming. <i>Frontiers in Marine Science</i> , 2022 , 9,	4.5	
90	The resilience of Indian Western Himalayan forests to regime shift: Are they reaching towards no return point?. <i>Ecological Informatics</i> , 2022 , 101644	4.2	0
89	Table1.DOCX. 2018 ,		

88 Video_1.mp4. **2020,**

87 Table_1.DOCX. **2020,**

86 Data_Sheet_1.docx. **2020,**

85 Data_Sheet_1.PDF. **2020,**

84 Data_Sheet_1.XLSX. **2018,**

83 Data_Sheet_2.docx. **2018,**

82 Data_Sheet_3.docx. **2018,**

81 Table_1.XLSX. **2019,**

80 Table_1.xlsx. **2019,**

79 Table_2.csv. **2019,**

78 Table_3.docx. **2019,**

77 Table_4.csv. **2019,**

76 Table_5.csv. **2019,**

75 Data_Sheet_1.docx. **2019,**

74 Data_Sheet_1.PDF. **2019,**

73 Image_1.jpeg. **2017,**

72 Image_2.jpeg. **2017,**

71 Table_1.PDF. **2017,**

70 Table_2.PDF. 2017,

69	Microclimate predicts kelp forest extinction in the face of direct and indirect marine heatwave effects.. 2022 , e2673		1
68	Paradoxical failure of <i>Laminaria ochroleuca</i> (Laminariales, Phaeophyceae) to consolidate a kelp forest inside a Marine National Park. <i>European Journal of Phycology</i> , 1-11	2.2	1
67	Limited Cross-Species Virus Transmission in a Spatially Restricted Coral Reef Fish Community.		0
66	Climate-driven substitution of foundation species causes breakdown of a facilitation cascade with potential implications for higher trophic levels. <i>Journal of Ecology</i> ,	6	1
65	Variability in the Net Ecosystem Productivity (NEP) of Seaweed Farms. <i>Frontiers in Marine Science</i> , 2022 , 9,	4.5	0
64	Shift and homogenization of gut microbiome during invasion in marine fishes. <i>Animal Microbiome</i> , 2022 , 4,	4.1	
63	A Song of Wind and Ice: Increased Frequency of Marine Cold-Spells in Southwestern Patagonia and Their Possible Effects on Giant Kelp Forests. <i>Journal of Geophysical Research: Oceans</i> , 2022 , 127,	3.3	0
62	A Tropical Macroalga (<i>Halimeda incrassata</i>) Enhances Diversity and Abundance of Epifaunal Assemblages in Mediterranean Seagrass Meadows. <i>Frontiers in Marine Science</i> , 9,	4.5	
61	Physiological factors facilitating the persistence of <i>Pocillopora aliciae</i> and <i>Plesiastrea versipora</i> in temperate reefs of south-eastern Australia under ocean warming. <i>Coral Reefs</i> ,	4.2	
60	Warming and marine heatwaves tropicalize rocky reefs communities in the Gulf of California. <i>Progress in Oceanography</i> , 2022 , 206, 102838	3.8	0
59	A mathematical model for inter-specific interactions in seagrasses. <i>Oikos</i> ,	4	
58	A Regional View of the Response to Climate Change: A Meta-Analysis of European Benthic Organisms Responses. <i>Frontiers in Marine Science</i> , 9,	4.5	1
57	Sea-surface temperature anomalies mediate changes in fish richness and abundance in Atlantic and Gulf of Mexico estuaries. <i>Journal of Biogeography</i> ,	4.1	
56	The spread of Lessepsian fish does not track native temperature conditions. <i>ICES Journal of Marine Science</i> ,	2.7	1
55	Faster ocean warming threatens richest areas of marine biodiversity. <i>Global Change Biology</i> ,	11.4	0
54	Linking observed changes in pelagic catches to temperature and oxygen in the Eastern Tropical Pacific. <i>Fish and Fisheries</i> ,	6	0
53	Shield wall: Kelps are the last stand against corals in tropicalised reefs. <i>Functional Ecology</i> ,	5.6	1

52	Ecological and Cultural Understanding as a Basis for Management of a Globally Significant Island Landscape. <i>Coasts</i> , 2022 , 2, 152-202	0
51	Diversity of Molluscan Assemblage in Relation to Biotic and Abiotic Variables in Brown Algal Forests. 2022 , 11, 2131	
50	Transient amplification enhances the persistence of tropicalising coral assemblages in marginal high-latitude environments.	0
49	Presence of a resident species aids invader evolution.	
48	The role of inputs of marine wrack and carrion in sandy-beach ecosystems: a global review.	1
47	Sounds of a changing sea: Temperature drives acoustic output by dominant biological sound-producers in shallow water habitats. 9,	0
46	Thermal vulnerability of the Levantine endemic and endangered habitat-forming macroalga, <i>Gongolaria rayssiae</i> : implications for reef carbon. 9,	
45	Biological Impacts of Marine Heatwaves. 2023 , 15,	1
44	Marine Autotroph-Herbivore Synergies: Unravelling the Roles of Macroalgae in Marine Ecosystem Dynamics. 2022 , 11, 1209	
43	Oceanographic influences on reef fish assemblages along the Great Barrier Reef. 2022 , 208, 102901	0
42	Are marine protected areas an adaptation measure against climate change impacts on coastal ecosystems? A UK case study. 2022 , 2, 100030	0
41	Termite sensitivity to temperature affects global wood decay rates. 2022 , 377, 1440-1444	2
40	Photosynthetic capacity of co-occurring kelp species revealed by in situ measurements. 2022 , 697, 31-43	0
39	Coastal seascape variability in the intensifying East Australian Current Southern Extension. 9,	0
38	Ten years of Gulf Coast ecosystem restoration projects since the Deepwater Horizon oil spill. 2022 , 119,	0
37	Simulated green turtle grazing alters effects of environmental drivers on seagrass growth dynamics across seasons.	0
36	Climate change and species facilitation affect the recruitment of macroalgal marine forests. 2022 , 12,	0
35	The Blob marine heatwave transforms California kelp forest ecosystems. 2022 , 5,	1

- 34 Marine heatwaves of different magnitudes have contrasting effects on herbivore behaviour. **2022**, 12, 0
- 33 Genomic consequences and selection efficacy in sympatric sexual versus asexual kelps. 9, 0
- 32 Oceanic vertical migrators in a warming world. 0
- 31 A comprehensive analysis of all known fishes from Sydney Harbour. **2022**, 185, 114239 0
- 30 Susceptibility of Tidal Pool Fish Assemblages to Climate Change. **2022**, 3, 510-520 0
- 29 Habitat configurations shape the trophic and energetic dynamics of reef fishes in a tropical-temperate transition zone: implications under a warming future. 0
- 28 Mapping the impacts of multiple stressors on the decline in kelps along the coast of Victoria, Australia. 0
- 27 Dominance of the scleractinian coral *Alveopora japonica* in the barren subtidal hard bottom of high-latitude Jeju Island off the south coast of Korea assessed by high-resolution underwater images. **2022**, 17, e0275244 1
- 26 Seagrass ecosystem multifunctionality under the rise of a flagship marine megaherbivore. 0
- 25 A novel and high throughput approach to assess photosynthetic thermal tolerance of kelp using chlorophyll fluorescence. 0
- 24 Submarine Cables as Precursors of Persistent Systems for Large Scale Oceans Monitoring and Autonomous Underwater Vehicles Operation. **2022**, 0
- 23 Competing with each other: Fish isotopic niche in two resource availability contexts. 9, 0
- 22 Differences in fish herbivory among tropical and temperate seaweeds and annual patterns in kelp consumption influence the tropicalisation of temperate reefs. **2022**, 12, 0
- 21 Editorial: Tropicalization in seagrasses: Shifts in ecosystem function. 9, 0
- 20 Effects of varying types and amounts of herbivory and nutrient enrichment on a tropicalizing seagrass meadow. 9, 0
- 19 Warming signals in temperate reef communities following more than a decade of ecological stability. **2022**, 289, 1
- 18 Tropicalization shifts herbivore pressure from seagrass to rocky reef communities. **2023**, 290, 1
- 17 Fish Conservation. **2023**, 0

- 16 The status of research and utilisation on the subtidal kelp along the Chilean coast: A literature review. **2022**, 41, 7-17
- 15 Marine protected areas, marine heatwaves, and the resilience of nearshore fish communities. **2023**, 13,
- 14 Contemporary Climate Change Impacts on Mexican Fauna. **2023**, 437-463
- 13 Heating rate explains species-specific coral bleaching severity during a simulated marine heatwave.
- 12 Rapid tropicalization evidence of subtidal seaweed assemblages along a coastal transitional zone.
- 11 Mapping the Link between Climate Change and Mangrove Forest: A Global Overview of the Literature. **2023**, 14, 421
- 10 Climate Change in the Arctic: Wind as an Impact Factor on the Coastal Phytocenoses in the Barents Sea. **2023**, 2819-2827
- 9 On the Challenges of Identifying Benthic Dominance on Anthropocene Coral Reefs. **2023**, 73, 220-228
- 8 Heatwave restructures marine intertidal communities across a stress gradient.
- 7 Indirect grazing-induced mechanisms contribute to the resilience of Mediterranean seagrass meadows to sea urchin herbivory.
- 6 Nutrient conditions determine the strength of herbivore-mediated stabilizing feedbacks in barrens. **2023**, 13,
- 5 Marine heatwaves and decreased light availability interact to erode the ecophysiological performance of habitat-forming kelp species.
- 4 Application of CRISPR-Cas9 genome editing by microinjection of gametophytes of *Saccharina japonica* (Laminariales, Phaeophyceae).
- 3 Regional species gains outpace losses across North American continental shelf regions.
- 2 Temperate functional niche availability not resident-invader competition shapes tropicalisation in reef fishes. **2023**, 14,
- 1 Understanding species responses in a changing world by examining the predatory behaviour of southern calamari to changes on temperature. 10,