RESEARCH & PUBLICATIONS

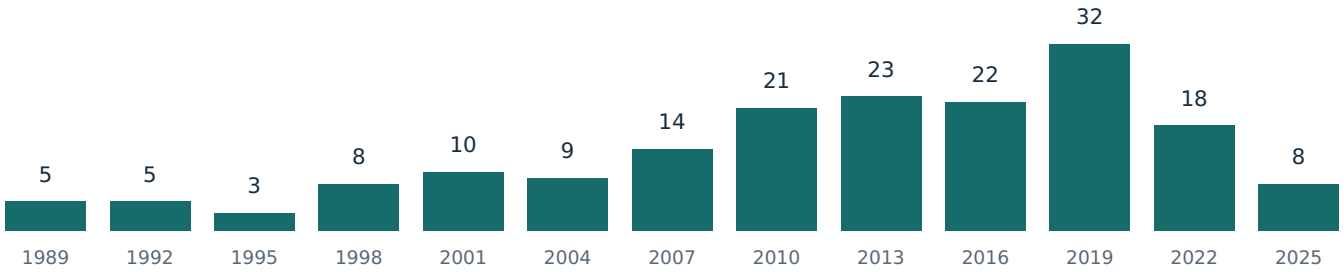
Michael T Burrows

A publication record at a glance

179	23,747	60
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles grouped into 3-year periods



1 articles have no publication year in the database.

MOST CITED IN THIS LIST

A Hierarchical Approach to Defining Marine Heatwaves — 2,193
2016 Progress in Oceanography

Global Imprint of Climate Change on Marine Life — 2,062
2013 Nature Climate Change

Longer and More Frequent Marine Heatwaves Over the Past Century — 1,983
2018 Nature Communications

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Ordered by publication year, newest first

2026

01 A Review and Meta-Analysis of the Ecosystem Service Enhancement From Seaweed Aquaculture: Limited Evidence to Support Climate and Biodiversity Gains — 1 citations

Reviews in Fisheries Science and Aquaculture

https://exaly.com/article/212224421

02 Temporal Shifts in Kelp Forest Structure and Distribution Largely Reflect Recent Ocean Warming Trends — 3 citations

Ecography · 2026, e08280

https://exaly.com/article/212800348

03 Abundance-Based Distribution Modelling Reveals Climate-Driven Loss of Functionally Important Kelp Forest Habitat. — 0 citations

Journal of Environmental Management · 413, 130184

https://exaly.com/article/215281946

2025

04 Risk Assessment of Harmful Algal Blooms in Salmon Farming: Scotland as a Case Study — 3 citations

Toxins · 17, 35

https://exaly.com/article/196605027

05 Warming and Cooling Catalyse Widespread Temporal Turnover in Biodiversity — 52 citations

Nature · 638, 995-999

https://exaly.com/article/197187177

06 Intra- and Inter-Decadal Scale Variability in Kelp Population Structure Reveal Both Stability and Decline in a Critical Foundation Species — 10 citations

Diversity and Distributions · 31, e70042

https://exaly.com/article/201702228

07 Marine Heatwaves as Hot Spots of Climate Change and Impacts on Biodiversity and Ecosystem Services — 80 citations

Nature Reviews Biodiversity · 1, 461-479

https://exaly.com/article/203639430

08 Management Regime Influences the Recovery of Subtidal Kelp Forests Following Harvesting — 8 citations

Journal of Applied Ecology · 62, 2676-2687

https://exaly.com/article/204627738

Ordered by publication year, newest first

2024

09 **Mechanistic Simulations of Kelp Populations in a Dynamic Landscape of Light, Temperature, and Winter Storms** — 3 citations
Ecological Modelling · 488, 110590
https://exaly.com/article/175990472

10 **Carbon Export From Seaweed Forests to Deep Ocean Sinks** — 127 citations
Nature Geoscience · 17, 552-559
https://exaly.com/article/185450742

11 **Global Impacts of Marine Heatwaves on Coastal Foundation Species** — 132 citations
Nature Communications · 15, 1-14
https://exaly.com/article/186214649

12 **Environmental Factors Have Stronger Effects Than Biotic Processes in Patterns of Intertidal Populations Along the Southeast Coast of Brazil** — 6 citations
Marine Environmental Research · 200, 106646
https://exaly.com/article/187431026

13 **Predicted Ecological Consequences of Wave Energy Extraction and Climate-Related Changes in Wave Exposure on Rocky Shore Communities** — 4 citations
ICES Journal of Marine Science · 81, 1263-1281
https://exaly.com/article/187587582

14 **Multidecadal Changes in Coastal Benthic Species Composition and Ecosystem Functioning Occur Independently of Temperature-Driven Community Shifts** — 11 citations
Global Change Biology · 30, e17482
https://exaly.com/article/188666257

15 **Sustainable Seaweed Aquaculture and Climate Change in the North Atlantic: Challenges and Opportunities** — 47 citations
Frontiers in Marine Science · 11, 1483330
https://exaly.com/article/193935547

2023

16 **Biological Impacts of Marine Heatwaves** — 559 citations
Annual Review of Marine Science · 15, 119-145
https://exaly.com/article/150256955

17 **Shoreline Sentinels of Global Change Show the Consequences of Extreme Events** — 9 citations
Global Change Biology · 29, 7-9
https://exaly.com/article/155816830

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2023 / continued

18 Applying Landscape Metrics to Species Distribution Model Predictions to Characterize Internal Range Structure and Associated Changes
25 citations
Global Change Biology · 29, 631-647
https://exaly.com/article/156588296

19 Overcoming the Coupled Climate and Biodiversity Crises and Their Societal Impacts
478 citations
Science · 380, eabl4881
https://exaly.com/article/162494224

20 Seasonal and Spatial Variability in Rates of Primary Production and Detritus Release by Intertidal Stands of Laminaria digitata and Saccharina latissima on Wave-Exposed Shores in the Northeast Atlantic
10 citations
Ecology and Evolution · 13, e10146
https://exaly.com/article/164086682

21 With the Arrival of El Niño, Prepare for Stronger Marine Heatwaves
47 citations
Nature · 621, 38-41
https://exaly.com/article/169643115

22 The Relationship Between Salmon (Salmo salar) Farming and Cell Abundance of Harmful Algal Taxa
5 citations
Harmful Algae · 129, 102512
https://exaly.com/article/169856490

23 The Universal Evolutionary and Ecological Significance of 20 oC
16 citations
Frontiers of Biogeography
https://exaly.com/article/173032850

2022

24 Towards Climate-Smart, Three-Dimensional Protected Areas for Biodiversity Conservation in the High Seas
78 citations
Nature Climate Change · 12, 402-407
https://exaly.com/article/134972663

25 Do You See What I See? Quantifying Inter-Observer Variability in an Intertidal Marine Citizen Science Experiment
11 citations
Citizen Science: Theory and Practice
https://exaly.com/article/145041582

26 Global Seaweed Productivity
206 citations
Science Advances · 8, eabn2465
https://exaly.com/article/150471871

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2021

27 **Shape of Species Climate Response Curves Affects Community Response to Climate Change**
20 citations
Ecology Letters · 24, 708-718
https://exaly.com/article/79077100

28 **Specific Niche Requirements Underpin Multidecadal Range Edge Stability, but May Introduce Barriers for Climate Change Adaptation**
20 citations
Diversity and Distributions · 27, 668-683
https://exaly.com/article/79140441

29 **The Intensity of Kelp Harvesting Shapes the Population Structure of the Foundation Species Lessonia trabeculata Along the Chilean Coastline**
34 citations
Marine Biology · 168, 1-9
https://exaly.com/article/80074079

30 **Impacts of Pervasive Climate Change and Extreme Events on Rocky Intertidal Communities: Evidence From Long-Term Data**
48 citations
Frontiers in Marine Science · 8, 642764
https://exaly.com/article/80272688

31 **North Atlantic Warming Over Six Decades Drives Decreases in Krill Abundance With No Associated Range Shift**
49 citations
Communications Biology · 4, 1-10
https://exaly.com/article/80496556

32 **On the Diversity and Distribution of a Data Deficient Habitat in a Poorly Mapped Region: The Case of Sabellaria alveolata L. in Ireland**
16 citations
Marine Environmental Research · 169, 105344
https://exaly.com/article/81502367

33 **Influence of Environmental Variables Over Multiple Spatial Scales on the Population Structure of a Key Marine Invertebrate**
12 citations
Marine Environmental Research · 170, 105410
https://exaly.com/article/81841737

34 **Spatio-Temporal Variability in the Deposition of Beach-Cast Kelp (Wrack) and Inter-Specific Differences in Degradation Rates**
24 citations
Marine Ecology - Progress Series · 674, 89-102
https://exaly.com/article/82252461

35 **Socioeconomic Impacts of Marine Heatwaves: Global Issues and Opportunities**
410 citations
Science · 374, eabj3593
https://exaly.com/article/91027382

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2021 / continued

36 **Modelling the Impacts of Climate Change on Thermal Habitat Suitability for Shallow-Water Marine Fish at a Global Scale**
16 citations
PLoS ONE · 16, e0258184
https://exaly.com/article/91154348

37 **Temporal and Spatial Patterns of Harmful Algae Affecting Scottish Shellfish Aquaculture**
15 citations
Frontiers in Marine Science · 8, 785174
https://exaly.com/article/135515975

2020

38 **Remotely-Sensed L4 SST Underestimates the Thermal Fingerprint of Coastal Upwelling**
56 citations
Remote Sensing of Environment · 237, 111588
https://exaly.com/article/75184967

39 **Global-Scale Species Distributions Predict Temperature-Related Changes in Species Composition of Rocky Shore Communities in Britain**
47 citations
Global Change Biology · 26, 2093-2105
https://exaly.com/article/75383876

40 **Patterns of Abundance Across Geographical Ranges as a Predictor for Responses to Climate Change: Evidence From UK Rocky Shores**
18 citations
Diversity and Distributions · 26, 1357-1365
https://exaly.com/article/75576865

41 **A Quantitative Assessment of the Parameters of the Role of Receptionists in Modern Primary Care Using the Work Design Framework**
13 citations
BMC Family Practice · 21, 1-10
https://exaly.com/article/75672501

42 **Environmental Factors Influencing Primary Productivity of the Forest-Forming Kelp Laminaria Hyperborea in the Northeast Atlantic**
97 citations
Scientific Reports · 10, 1-12
https://exaly.com/article/75892616

43 **From Marshes to Coastlines: A Metric for Local and National Scale Identification of High-Value Habitat for Coastal Protection**
3 citations
Estuarine, Coastal and Shelf Science · 246, 107022
https://exaly.com/article/76161674

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44 **Ecological Performance Differs Between Range Centre and Trailing Edge Populations of a Cold-Water Kelp: Implications for Estimating Net Primary Productivity**
Marine Biology · 167, 1-12
https://exaly.com/article/76243910
19 citations

45 **Drivers and Impacts of the Most Extreme Marine Heatwave Events**
Scientific Reports · 10, 1-15
https://exaly.com/article/76336536
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46 **Carbon on the Northwest European Shelf: Contemporary Budget and Future Influences**
Frontiers in Marine Science · 7, 472547
https://exaly.com/article/76682356
114 citations

47 **Ecological Enhancement of Coastal Engineering Structures: Passive Enhancement Techniques**
Science of the Total Environment · 740, 139981
https://exaly.com/article/77058503
30 citations

48 **Survival Strategies and Molecular Responses of Two Marine Mussels to Gradual Burial by Sediment**
Journal of Experimental Marine Biology and Ecology · 527, 151364
https://exaly.com/article/77144863
6 citations

49 **Climate Velocity Reveals Increasing Exposure of Deep-Ocean Biodiversity to Future Warming**
Nature Climate Change · 10, 576-581
https://exaly.com/article/84849539
163 citations

2019

50 **VoCC: An r Package for Calculating the Velocity of Climate Change and Related Climatic Metrics**
Methods in Ecology and Evolution · 10, 2195-2202
https://exaly.com/article/72534383
79 citations

51 **The Intertidal Zone of the North-East Atlantic Region**
Journal unavailable
https://exaly.com/article/72730231
23 citations

52 **Maximising the Ecological Value of Hard Coastal Structures Using Textured Formliners**
Ecological Engineering · 142, 100002
https://exaly.com/article/73101544
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53 **A Global Assessment of Marine Heatwaves and Their Drivers** — 713 citations
Nature Communications · 10, 1-13
https://exaly.com/article/73122228

54 **Marine Heatwaves Threaten Global Biodiversity and the Provision of Ecosystem Services** — 1,608 citations
Nature Climate Change · 9, 306-312
https://exaly.com/article/73453990

55 **Ocean Community Warming Responses Explained by Thermal Affinities and Temperature Gradients** — 210 citations
Nature Climate Change · 9, 959-963
https://exaly.com/article/74321848

56 **Resistance, Extinction, and Everything in Between – The Diverse Responses of Seaweeds to Marine Heatwaves** — 149 citations
Frontiers in Marine Science · 6, 473578
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57 **Projected Marine Heatwaves in the 21st Century and the Potential for Ecological Impact** — 619 citations
Frontiers in Marine Science · 6, 481127
https://exaly.com/article/74423346

58 **Multinational, Integrated Approaches to Forecasting and Managing the Impacts of Climate Change on Intertidal Species** — 10 citations
Marine Ecology - Progress Series · 613, 247-252
https://exaly.com/article/88964723

2018

59 **Appreciating Interconnectivity Between Habitats Is Key to Blue Carbon Management** — 70 citations
Frontiers in Ecology and the Environment · 16, 71-73
https://exaly.com/article/68823518

60 **Longer and More Frequent Marine Heatwaves Over the Past Century** — 1,983 citations
Nature Communications · 9, 1-12
https://exaly.com/article/68952381

61 **Climate Velocity Can Inform Conservation in a Warming World** — 191 citations
Trends in Ecology and Evolution · 33, 441-457
https://exaly.com/article/69309814

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62 **Categorizing and Naming Marine Heatwaves** — 738 citations
Oceanography · 31, 162-173
https://exaly.com/article/71582936

63 **Biologists Ignore Ocean Weather at Their Peril** — 122 citations
Nature · 560, 299-301
https://exaly.com/article/71658174

2017

64 **Are Fish Outside Their Usual Ranges Early Indicators of Climate-Driven Range Shifts?** — 77 citations
Global Change Biology · 23, 2047-2057
https://exaly.com/article/65998756

65 **Ocean Currents Modify the Coupling Between Climate Change and Biogeographical Shifts** — 72 citations
Scientific Reports · 7, 1-9
https://exaly.com/article/66483248

66 **Distinguishing Globally-Driven Changes From Regional- and Local-Scale Impacts: The Case for Long-Term and Broad-Scale Studies of Recovery From Pollution** — 36 citations
Marine Pollution Bulletin · 124, 573-586
https://exaly.com/article/66680088

67 **Large Scale Three-Dimensional Modelling for Wave and Tidal Energy Resource and Environmental Impact: Methodologies for Quantifying Acceptable Thresholds for Sustainable Exploitation** — 17 citations
Ocean and Coastal Management · 147, 67-77
https://exaly.com/article/66774353

68 **Impact of Ocean Warming on Sustainable Fisheries Management Informs the Ecosystem Approach to Fisheries** — 136 citations
Scientific Reports · 7, 1-15
https://exaly.com/article/66931268

69 **The Future Role of Receptionists in Primary Care** — 30 citations
British Journal of General Practice · 67, 523-524
https://exaly.com/article/67391107

70 **Exploring the Clinically Orientated Roles of the General Practice Receptionist: A Systematic Review Protocol** — 5 citations
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https://exaly.com/article/68492166

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71 **Scale-Dependent Natural Variation in Larval Nutritional Reserves in a Marine Invertebrate: Implications for Recruitment and Cross-Ecosystem Coupling**
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Marine Ecology - Progress Series · 570, 141-155
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2016

72 **Responses of Marine Organisms to Climate Change Across Oceans**
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Frontiers in Marine Science · 3, 180581
https://exaly.com/article/63227760

73 **Ecological and Methodological Drivers of Species' Distribution and Phenology Responses to Climate Change**
206 citations
Global Change Biology · 22, 1548-1560
https://exaly.com/article/63360795

74 **Protocol for Using Mixed Methods and Process Improvement Methodologies to Explore Primary Care Receptionist Work**
5 citations
BMJ Open · 6, e013240
https://exaly.com/article/65018001

75 **A Hierarchical Approach to Defining Marine Heatwaves**
2,193 citations
Progress in Oceanography · 141, 227-238
https://exaly.com/article/65335900

76 **Climate Velocity and the Future Global Redistribution of Marine Biodiversity**
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Nature Climate Change · 6, 83-88
https://exaly.com/article/65779359

77 **Buried Alive: The Behavioural Response of the Mussels, Modiolus modiolus and Mytilus edulis to Sudden Burial by Sediment**
28 citations
PLoS ONE · 11, e0151471
https://exaly.com/article/87030735

78 **Linking Environmental Variables With Regional-Scale Variability in Ecological Structure and Standing Stock of Carbon Within UK Kelp Forests**
85 citations
Marine Ecology - Progress Series · 542, 79-95
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79 **Persistent and Context-Dependent Effects of the Larval Feeding Environment on Post-Metamorphic Performance Through the Adult Stage**
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Marine Ecology - Progress Series · 545, 147-160
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80 Macroalgae Contribute to the Diet of Patella vulgata From Contrasting Conditions of Latitude and Wave Exposure in the UK

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2015

81 Historical Comparisons Reveal Multiple Drivers of Decadal Change of an Ecosystem Engineer at the Range Edge

Ecology and Evolution · 5, 3210-3222

https://exaly.com/article/60565346

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82 Strengthening Confidence in Climate Change Impact Science

Global Ecology and Biogeography · 24, 64-76

https://exaly.com/article/62512984

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83 Making Modelling Count - Increasing the Contribution of Shelf-Seas Community and Ecosystem Models to Policy Development and Management

Marine Policy · 61, 291-302

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84 Temperature Tracking by North Sea Benthic Invertebrates in Response to Climate Change

Global Change Biology · 21, 117-129

https://exaly.com/article/62831557

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85 Looking Backwards to Look Forwards: The Role of Natural History in Temperate Reef Ecology

Marine and Freshwater Research · 67, 1-13

https://exaly.com/article/64650138

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86 Facing the Future: The Importance of Substratum Features for Ecological Engineering of Artificial Habitats in the Rocky Intertidal

Marine and Freshwater Research · 67, 131-143

https://exaly.com/article/65682205

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87 Phenotypic Variation in Shell Form in the Intertidal Acorn Barnacle Chthamalus Montagui: Distribution, Response to Predators and Life History Trade-Offs

Marine Biology · 161, 2609-2619

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88 The Future of the Northeast Atlantic Benthic Flora in a High CO2 World
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Ecology and Evolution · 4, 2787-2798
https://exaly.com/article/58180202

89 What Drives Foraging Behaviour of the Intertidal Limpet Cellana grata? A Quantitative Test of a Dynamic Optimization Model
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Functional Ecology · 28, 963-972
https://exaly.com/article/58380235

90 Geographical Limits to Species-Range Shifts Are Suggested by Climate Velocity
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Nature · 507, 492-495
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91 Temporal Variation and Characterization of Grunt Sounds Produced by Atlantic Cod Gadus morhua and Pollack Pollachius Pollachius During the Spawning Season
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Journal of Fish Biology · 84, 1014-1030
https://exaly.com/article/58830313

92 Offshore Marine Renewable Energy Devices as Stepping Stones Across Biogeographical Boundaries
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Journal of Applied Ecology · 51, 330-338
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93 Larval Dispersal of Intertidal Organisms and the Influence of Coastline Geography
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94 Size Variation of 0-Group Plaice: Are Earlier Influences on Growth Potential a Contributing Factor?
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Journal of Sea Research · 88, 59-66
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95 Global Imprint of Climate Change on Marine Life
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Nature Climate Change · 3, 919-925
https://exaly.com/article/54818315

96 Dynamic Species Distribution Models From Categorical Survey Data
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Journal of Animal Ecology · 82, 1215-1226
https://exaly.com/article/54861575

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2013 / continued

97 **Decline in Growth Rate of Juvenile European Plaice (Pleuronectes Platessa) During Summer at Nursery Beaches Along the West Coast of Scotland**
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Canadian Journal of Fisheries and Aquatic Sciences · 70, 720-734
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98 **Small-Scale Spatial and Temporal Heterogeneity in Growth and Condition of Juvenile Fish on Sandy Beaches**
17 citations
Journal of Experimental Marine Biology and Ecology · 448, 346-359
https://exaly.com/article/55057611

99 **Marine Renewable Energy Development: Assessing the Benthic Footprint at Multiple Scales**
78 citations
Frontiers in Ecology and the Environment · 11, 433-440
https://exaly.com/article/55096409

100 **Spatial Variation in Growth Rate of Early Juvenile European Plaice Pleuronectes Platessa**
24 citations
Marine Ecology - Progress Series · 475, 213-232
https://exaly.com/article/55829204

101 **Beyond Climate Change Attribution in Conservation and Ecological Research**
181 citations
Ecology Letters · 16, 58-71
https://exaly.com/article/55952003

102 **Threats and Knowledge Gaps for Ecosystem Services Provided by Kelp Forests: A Northeast Atlantic Perspective**
493 citations
Ecology and Evolution · 3, 4016-4038
https://exaly.com/article/56661342

103 **Distribution of the Invasive Bryozoan Tricellaria inopinata in Scotland and a Review of Its European Expansion**
21 citations
Aquatic Invasions · 8, 281-288
https://exaly.com/article/89023009

2012

104 **Climate Change and Marine Life**
60 citations
Biology Letters · 8, 907-9
https://exaly.com/article/52529848

105 **Conservation Physiology of Marine Fishes: Advancing the Predictive Capacity of Models**
48 citations
Biology Letters · 8, 900-3
https://exaly.com/article/52630293

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106 **Invasive Species Unchecked by Climate—Response**
3 citations
Science · 335, 538-539
https://exaly.com/article/52826821

107 **Region-Wide Changes in Marine Ecosystem Dynamics: State-Space Models to Distinguish Trends From Step Changes**
17 citations
Global Change Biology · 18, 1270-1281
https://exaly.com/article/53720328

108 **Evolutionarily Stable Sexual Allocation by Both Stressed and Unstressed Potentially Simultaneous Hermaphrodites Within the Same Population**
0 citations
Journal of Theoretical Biology · 309, 96-102
https://exaly.com/article/54591036

109 **Positive and Negative Effects of Habitat-Forming Algae on Survival, Growth and Intra-Specific Competition of Limpets**
17 citations
PLoS ONE · 7, e51601
https://exaly.com/article/86988465

110 **Influences of Wave Fetch, Tidal Flow and Ocean Colour on Subtidal Rocky Communities**
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Marine Ecology - Progress Series · 445, 193-207
https://exaly.com/article/88960922

111 **Phenology of Pelagic Seabird Abundance Relative to Marine Climate Change in the Alaska Gyre**
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Marine Ecology - Progress Series · 454, 159-170
https://exaly.com/article/88961077

2011

112 **The Pace of Shifting Climate in Marine and Terrestrial Ecosystems**
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Science · 334, 652-5
https://exaly.com/article/50430587

113 **Temporal Change in UK Marine Communities: Trends or Regime Shifts?**
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Marine Ecology · 32, 10-24
https://exaly.com/article/50957073

114 **Quantitative Approaches in Climate Change Ecology**
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Global Change Biology · 17, 3697-3713
https://exaly.com/article/50977044

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115 Little Change in the Distribution of Rocky Shore Faunal Communities on the Australian East Coast After 50 Years of Rapid Warming
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Journal of Experimental Marine Biology and Ecology · 400, 145-154
https://exaly.com/article/51066480

116 Do We Have Enough Information to Apply the Ecosystem Approach to Management of Deep-Sea Fisheries? An Example From the West of Scotland
32 citations
ICES Journal of Marine Science · 68, 265-280
https://exaly.com/article/52002909

117 Field Experiments on Depth Selection by Juvenile Plaice Pleuronectes Platessa
13 citations
Marine Ecology - Progress Series · 430, 197-205
https://exaly.com/article/88960517

118 Introduction
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Marine Ecology - Progress Series · 430, 99-101
https://exaly.com/article/98408189

2010

119 Assessment of a Field Incubation Method Estimating Primary Productivity in Rockpool Communities
44 citations
Estuarine, Coastal and Shelf Science · 88, 153-159
https://exaly.com/article/48049410

120 Development, Validation and Field Application of an RNA-Based Growth Index in Juvenile Plaice Pleuronectes Platessa
29 citations
Journal of Fish Biology · 77, 2181-2209
https://exaly.com/article/48523668

121 Can Ocean Acidification Affect Population Dynamics of the Barnacle Semibalanus balanoides at Its Southern Range Edge?
34 citations
Ecology · 91, 2931-2940
https://exaly.com/article/49035568

122 Seasonal Population Dynamics of the Non-Native Caprella mutica (Crustacea, Amphipoda) on the West Coast of Scotland
16 citations
Marine and Freshwater Research · 61, 549-559
https://exaly.com/article/49159909

123 Spatial Variation in Size and Density of Adult and Post-Settlement Semibalanus balanoides: Effects of Oceanographic and Local Conditions
41 citations
Marine Ecology - Progress Series · 398, 207-219
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124 **Consumer Effects on Ecosystem Functioning in Rock Pools: Roles of Species Richness and Composition** — 39 citations

Marine Ecology - Progress Series · 420, 45-56

https://exaly.com/article/88960315

2009

125 **Competition Between the Non-Native Amphipod Caprella mutica and Two Native Species of Caprellids Pseudoprotella Phasma and Caprella linearis** — 23 citations

Journal of the Marine Biological Association of the United Kingdom · 89, 1125-1132

https://exaly.com/article/45799979

126 **Spatial Scales of Variance in Abundance of Intertidal Species: Effects of Region, Dispersal Mode, and Trophic Level** — 41 citations

Ecology · 90, 1242-1254

https://exaly.com/article/46784986

127 **Diel Vertical Migration of Antarctic Krill (Euphausia superba) Is Flexible During Advection Across the Scotia Sea** — 43 citations

Journal of Plankton Research · 31, 1265-1281

https://exaly.com/article/47098304

128 **Consequences of Climate-Driven Biodiversity Changes for Ecosystem Functioning of North European Rocky Shores** — 245 citations

Marine Ecology - Progress Series · 396, 245-259

https://exaly.com/article/88959810

2008

129 **Mitochondrial DNA Reveals Multiple Northern Hemisphere Introductions of Caprella mutica (Crustacea, Amphipoda)** — 52 citations

Molecular Ecology · 17, 1293-1303

https://exaly.com/article/43726290

130 **Temporal Changes in the Strength of Density-Dependent Mortality and Growth in Intertidal Barnacles** — 55 citations

Journal of Animal Ecology · 77, 573-584

https://exaly.com/article/43730803

131 **Modeling the Response of Populations of Competing Species to Climate Change** — 223 citations

Ecology · 89, 3138-3149

https://exaly.com/article/43844466

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2008 / continued

132 Complex Interactions in a Rapidly Changing World: Responses of Rocky Shore Communities to Recent Climate Change

240 citations

Climate Research · 37, 123-133

https://exaly.com/article/44408890

133 Comparative Ecology of North Atlantic Shores: Do Differences in Players Matter for Process?

85 citations

Ecology · 89, S3-S23

https://exaly.com/article/45015117

134 Wave Exposure Indices From Digital Coastlines and the Prediction of Rocky Shore Community Structure

204 citations

Marine Ecology - Progress Series · 353, 1-12

https://exaly.com/article/88958549

2007

135 Environmental Tolerance of Caprella mutica: Implications for Its Distribution as a Marine Non-Native Species

31 citations

Marine Environmental Research · 64, 305-312

https://exaly.com/article/42061031

136 Behaviour Affects Local-Scale Distributions of Antarctic Krill Around South Georgia

20 citations

Marine Ecology - Progress Series · 343, 193-206

https://exaly.com/article/42122451

137 Distribution of the Introduced Amphipod, Caprella mutica Schurin, 1935 (Amphipoda: Caprellida: Caprellidae) on the West Coast of Scotland and a Review of Its Global Distribution

48 citations

Hydrobiologia · 590, 31-41

https://exaly.com/article/43106752

138 Dynamics of Shallow-Water Juvenile Flatfish Nursery Grounds: Application of the Self-Thinning Rule

51 citations

Marine Ecology - Progress Series · 344, 231-244

https://exaly.com/article/88958172

2005

139 Doses of Darkness Control Latitudinal Differences in Breeding Date in the Barnacle Semibalanus balanoides

19 citations

Journal of the Marine Biological Association of the United Kingdom · 85, 59-63

https://exaly.com/article/37982940

Ordered by publication year, newest first

2005 / continued

140 The Effect of Vertical Migration Strategy on Retention and Dispersion in the Irish Sea During Spring–Summer

28 citations

Fisheries Oceanography · 14, 161-174

https://exaly.com/article/38198502

141 Measuring Surface Complexity in Ecological Studies

63 citations

Limnology and Oceanography: Methods · 3, 203-210

https://exaly.com/article/39096542

142 Regional Scale Differences in the Determinism of Grazing Effects in the Rocky Intertidal

137 citations

Marine Ecology - Progress Series · 287, 77-86

https://exaly.com/article/88969289

2004

143 Predicting the Effects of Marine Climate Change on the Invertebrate Prey of the Birds of Rocky Shores

48 citations

Ibis · 146, 40-47

https://exaly.com/article/36772568

144 Alongshore Dispersal and Site Fidelity of Juvenile Plaice From Tagging and Transplants

39 citations

Journal of Fish Biology · 65, 620-634

https://exaly.com/article/36803256

145 Movements and Burrowing Activity in the Antarctic Bivalve Molluscs Laternula elliptica and Yoldia Eightsi

37 citations

Polar Biology · 27, 357-367

https://exaly.com/article/37013042

146 Effects of Density Dependence on Diel Vertical Migration of Populations of Northern Krill: A Genetic Algorithm Model

19 citations

Marine Ecology - Progress Series · 277, 209-220

https://exaly.com/article/88969049

147 Bioeconomics of Foraging Route Selection by Limpets

4 citations

Marine Ecology - Progress Series · 280, 189-198

https://exaly.com/article/88969128

Ordered by publication year, newest first

2003

148 **Topography as a Determinant of Search Paths of Fishes and Mobile Macrocrustacea on the Sediment Surface**
Journal of Experimental Marine Biology and Ecology · 285, 235-249
https://exaly.com/article/35024008
12 citations

149 **The Efficiency of Adaptive Search Tactics for Different Prey Distribution Patterns: A Simulation Model Based on the Behaviour of Juvenile Plaice**
Journal of Fish Biology · 63, 117-130
https://exaly.com/article/35314580
19 citations

150 **Stress Promotes Maleness in Hermaphroditic Modular Animals**
Proceedings of the National Academy of Sciences of the United States of America · 100, 10326-10330
https://exaly.com/article/35728479
27 citations

2002

151 **Adaptive Search in Juvenile Plaice Foraging for Aggregated and Dispersed Prey**
Journal of Fish Biology · 61, 1255-1267
https://exaly.com/article/34753473
27 citations

152 **Ontogenetic Changes in Depth Distribution of Juvenile Flatfishes in Relation to Predation Risk and Temperature on a Shallow-Water Nursery Ground**
Marine Ecology - Progress Series · 229, 233-244
https://exaly.com/article/88967860
118 citations

153 **Spatial Synchrony of Population Changes in Rocky Shore Communities in Shetland**
Marine Ecology - Progress Series · 240, 39-48
https://exaly.com/article/88968121
30 citations

154 **Comparison of Abundance and Spatial Distribution of Burrowing Megafauna From Diver and Remotely Operated Vehicle Observations**
Marine Ecology - Progress Series · 244, 89-93
https://exaly.com/article/88968223
11 citations

2001

155 **Shrimp Predation on 0-Group Plaice: Contrasts Between Field Data and Predictions of an Individual-Based Model**
Journal of Sea Research · 45, 243-254
https://exaly.com/article/32444878
21 citations

156 **Depth Selection Behaviour During Activity Cycles of Juvenile Plaice on a Simulated Beach Slope**
Journal of Fish Biology · 59, 116-125
https://exaly.com/article/33179175
13 citations

Ordered by publication year, newest first

2001 / continued

157 **Depth Selection Behaviour During Activity Cycles of Juvenile Plaice on a Simulated Beach Slope**

Journal of Fish Biology · 59, 116-125

https://exaly.com/article/147732450

0 citations

2000

158 **A State-Dependent Model of Activity Patterns in Homing Limpets: Balancing Energy Returns and Mortality Risks Under Constraints on Digestion**

Journal of Animal Ecology · 69, 290-300

https://exaly.com/article/31336192

22 citations

159 **Increased Turning per Unit Distance as an Area-Restricted Search Mechanism in a Pause-Travel Predator, Juvenile Plaice, Foraging for Buried Bivalves**

Journal of Fish Biology · 56, 1497-1508

https://exaly.com/article/31449309

39 citations

160 **An Optimisation Model of the Diel Vertical Migration of Northern Krill (Meganyctiphanes norvegica) in the Clyde Sea and the Kattegat**

Canadian Journal of Fisheries and Aquatic Sciences · 57, 38-50

https://exaly.com/article/86078129

2 citations

1999

161 **Foraging by Mobile Predators on a Rocky Shore: Underwater TV Observations of Movements of Blennies Lipophrys Pholis and Crabs Carcinus Maenas**

Marine Ecology - Progress Series · 187, 237-250

https://exaly.com/article/88966799

52 citations

1998

162 **Partial Emergence of the Bivalve Donax Vittatus in Response to Abrupt Changes in Light Intensity and Before Spawning**

Journal of the Marine Biological Association of the United Kingdom · 78, 669-672

https://exaly.com/article/29493132

7 citations

163 **Diel Movements of Juvenile Plaice Pleuronectes Platessa in Relation to Predators, Competitors, Food Availability and Abiotic Factors on a Microtidal Nursery Ground**

Marine Ecology - Progress Series · 165, 145-159

https://exaly.com/article/88966208

107 citations

164 **Modelling Patch Dynamics on Rocky Shores Using Deterministic Cellular Automata**

Marine Ecology - Progress Series · 167, 1-13

https://exaly.com/article/88966248

71 citations

Ordered by publication year, newest first

1998 / continued

165 **Individual Based Simulations of the Direct and Indirect Effects of Limpets on a Rocky Shore Fucus Mosaic**

31 citations

Marine Ecology - Progress Series · 169, 179-188

https://exaly.com/article/88966313

1997

166 **Spatial Structure on Moderately Exposed Rocky Shores: Patch Scales and the Interactions Between Limpets and Algae**

43 citations

Marine Ecology - Progress Series · 160, 209-215

https://exaly.com/article/88966079

1996

167 **Tidal, Diel and Longer Term Changes in the Distribution of Fishes on a Scottish Sandy Beach**

125 citations

Marine Ecology - Progress Series · 130, 1-17

https://exaly.com/article/88964845

1995

168 **The Effects of Food, Predation Risk and Endogenous Rhythmicity on the Behaviour of Juvenile Plaice,Pleuronectes platessaL.**

44 citations

Animal Behaviour · 50, 41-52

https://exaly.com/article/26083346

1994

169 **Foraging Strategies of Dogwhelks, Nucella lapillus (L.): Interacting Effects of Age, Diet and Chemical Cues to the Threat of Predation**

101 citations

Oecologia · 100, 439-450

https://exaly.com/article/24983997

170 **An Optimal Foraging and Migration Model for Juvenile Plaice**

30 citations

Evolutionary Ecology · 8, 125-149

https://exaly.com/article/25016832

171 **Effects of Endogenous Rhythms and Light Conditions on Foraging and Predator-Avoidance in Juvenile Plaice**

34 citations

Journal of Fish Biology · 45, 171-180

https://exaly.com/article/25187349

Ordered by publication year, newest first

1994 / continued

172 Effects of Endogenous Rhythms and Light Conditions on Foraging and Predator-Avoidance in Juvenile Plaice

6 citations

Journal of Fish Biology · 45, 171-180

https://exaly.com/article/83170127

173 Foraging Time Strategy of Small Juvenile Plaice: A Laboratory Study of Diel and Tidal Behaviour Patterns With Artemia Prey and Shrimp Predators

12 citations

Marine Ecology - Progress Series · 115, 31-39

https://exaly.com/article/88962984

1991

174 Variation in Foraging Behaviour Among Individuals and Populations of Dogwhelks, Nucella lapillus: Natural Constraints on Energy Intake

62 citations

Journal of Animal Ecology · 60, 497

https://exaly.com/article/21956449

175 Diet Selection by Dogwhelks in the Field: An Example of Constrained Optimization

23 citations

Animal Behaviour · 42, 47-55

https://exaly.com/article/22069660

176 Optimal Foraging Decisions by Dogwhelks, Nucella lapillus (L.): Influences of Mortality Risk and Rate-Constrained Digestion

52 citations

Functional Ecology · 5, 461

https://exaly.com/article/22794241

1990

177 Variation in Growth and Consumption Among Individuals and Populations of Dogwhelks, Nucella lapillus: A Link Between Foraging Behaviour and Fitness

60 citations

Journal of Animal Ecology · 59, 723

https://exaly.com/article/21824810

1989

178 Natural Foraging of the Dogwhelk, Nucella lapillus (Linnaeus); The Weather and Whether to Feed

94 citations

Journal of Molluscan Studies · 55, 285-295

https://exaly.com/article/20341273

Year unavailable

179 Title unavailable

0 citations

Journal unavailable

https://exaly.com/article/173208938

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