

# Nova A Mieszkowska

## List of Publications by Citations

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

64  
papers

3,710  
citations

31  
h-index

60  
g-index

67  
ext. papers

4,253  
ext. citations

4.2  
avg, IF

4.89  
L-index

#	Paper	IF	Citations
64	Living on the Edge of Two Changing Worlds: Forecasting the Responses of Rocky Intertidal Ecosystems to Climate Change. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2006</b> , 37, 373-404	13.5	483
63	Identification of 100 fundamental ecological questions. <i>Journal of Ecology</i> , <b>2013</b> , 101, 58-67	6	445
62	Long-term oceanographic and ecological research in the Western English Channel. <i>Advances in Marine Biology</i> , <b>2005</b> , 47, 1-105	2.1	194
61	Complex interactions in a rapidly changing world: responses of rocky shore communities to recent climate change. <i>Climate Research</i> , <b>2008</b> , 37, 123-133	1.6	189
60	Consequences of climate-driven biodiversity changes for ecosystem functioning of North European rocky shores. <i>Marine Ecology - Progress Series</i> , <b>2009</b> , 396, 245-259	2.6	187
59	Changes in the Range of Some Common Rocky Shore Species in Britain [A Response to Climate Change?]. <i>Hydrobiologia</i> , <b>2006</b> , 555, 241-251	2.4	171
58	Predicted levels of future ocean acidification and temperature rise could alter community structure and biodiversity in marine benthic communities. <i>Oikos</i> , <b>2011</b> , 120, 661-674	4	150
57	The future of the northeast Atlantic benthic flora in a high CO2 world. <i>Ecology and Evolution</i> , <b>2014</b> , 4, 2787-98	2.8	132
56	Linking thermal tolerances and biogeography: <i>Mytilus edulis</i> (L.) at its southern limit on the east coast of the United States. <i>Biological Bulletin</i> , <b>2009</b> , 217, 73-85	1.5	124
55	Scaling up experimental ocean acidification and warming research: from individuals to the ecosystem. <i>Global Change Biology</i> , <b>2015</b> , 21, 130-43	11.4	120
54	Long-term changes in the geographic distribution and population structures of <i>Osilinus lineatus</i> (Gastropoda: Trochidae) in Britain and Ireland. <i>Journal of the Marine Biological Association of the United Kingdom</i> , <b>2007</b> , 87, 537-545	1.1	94
53	Beyond long-term averages: making biological sense of a rapidly changing world. <i>Climate Change Responses</i> , <b>2014</b> , 1,		89
52	Status, trends and drivers of kelp forests in Europe: an expert assessment. <i>Biodiversity and Conservation</i> , <b>2016</b> , 25, 1319-1348	3.4	72
51	Using historical data to detect temporal changes in the abundances of intertidal species on Irish shores. <i>Journal of the Marine Biological Association of the United Kingdom</i> , <b>2005</b> , 85, 1329-1340	1.1	72
50	Ocean acidification and rising temperatures may increase biofilm primary productivity but decrease grazer consumption. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 368, 20120438	5.8	67
49	Toward a Coordinated Global Observing System for Seagrasses and Marine Macroalgae. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	63
48	The relation between productivity and species diversity in temperate-Arctic marine ecosystems. <i>Ecology</i> , <b>2008</b> , 89, S66-80	4.6	55

47	The role of sustained observations in tracking impacts of environmental change on marine biodiversity and ecosystems. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2014</b> , 372,	3	54
46	Climate change and marine benthos: a review of existing research and future directions in the North Atlantic. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , <b>2015</b> , 6, 203-223	8.4	52
45	Long-term, high frequency in situ measurements of intertidal mussel bed temperatures using biomimetic sensors. <i>Scientific Data</i> , <b>2016</b> , 3, 160087	8.2	50
44	Historical comparisons reveal multiple drivers of decadal change of an ecosystem engineer at the range edge. <i>Ecology and Evolution</i> , <b>2015</b> , 5, 3210-22	2.8	50
43	Climate change and adaptational impacts in coastal systems: the case of sea defences. <i>Environmental Sciences: Processes and Impacts</i> , <b>2013</b> , 15, 1665-70	4.3	47
42	Data rescue and re-use: Recycling old information to address new policy concerns. <i>Marine Policy</i> , <b>2013</b> , 42, 91-98	3.5	41
41	Multidecadal signals within co-occurring intertidal barnacles <i>Semibalanus balanoides</i> and <i>Chthamalus</i> spp. linked to the Atlantic Multidecadal Oscillation. <i>Journal of Marine Systems</i> , <b>2014</b> , 133, 70-76	2.7	40
40	Adaptive marine conservation planning in the face of climate change: What can we learn from physiological, ecological and genetic studies?. <i>Global Ecology and Conservation</i> , <b>2019</b> , 17, e00566	2.8	38
39	Chapter 3. Effects of climate change and commercial fishing on Atlantic cod <i>Gadus morhua</i> . <i>Advances in Marine Biology</i> , <b>2009</b> , 56, 213-73	2.1	36
38	Large-scale spatial distribution patterns of echinoderms in nearshore rocky habitats. <i>PLoS ONE</i> , <b>2010</b> , 5, e13845	3.7	36
37	Regime shifts in the marine environment: the scientific basis and political context. <i>Marine Pollution Bulletin</i> , <b>2011</b> , 62, 7-20	6.7	34
36	Spatial scales of variance in abundance of intertidal species: effects of region, dispersal mode, and trophic level. <i>Ecology</i> , <b>2009</b> , 90, 1242-54	4.6	34
35	Ecosystem-based adaptation in marine ecosystems of tropical Oceania in response to climate change.. <i>Pacific Conservation Biology</i> , <b>2011</b> , 17, 241	1.2	33
34	Dynamic species distribution models from categorical survey data. <i>Journal of Animal Ecology</i> , <b>2013</b> , 82, 1215-26	4.7	27
33	Climate and recruitment of rocky shore intertidal invertebrates in the eastern North Atlantic. <i>Ecology</i> , <b>2008</b> , 89, S81-90	4.6	27
32	Diagnostic monitoring of a changing environment: an alternative UK perspective. <i>Marine Pollution Bulletin</i> , <b>2005</b> , 50, 1463-71	6.7	26
31	Multiple stressors facilitate the spread of a non-indigenous bivalve in the Mediterranean Sea. <i>Journal of Biogeography</i> , <b>2018</b> , 45, 1090-1103	4.1	23
30	Temporal change in UK marine communities: trends or regime shifts?. <i>Marine Ecology</i> , <b>2011</b> , 32, 10-24	1.4	22

29	Distinguishing globally-driven changes from regional- and local-scale impacts: The case for long-term and broad-scale studies of recovery from pollution. <i>Marine Pollution Bulletin</i> , <b>2017</b> , 124, 573-586	6.7	20
28	Ocean Sprawl: Challenges and Opportunities for Biodiversity Management In A Changing World. <i>Oceanography and Marine Biology</i> , <b>2016</b> , 193-270		20
27	Looking backwards to look forwards: the role of natural history in temperate reef ecology. <i>Marine and Freshwater Research</i> , <b>2016</b> , 67, 1	2.2	19
26	A genome-wide investigation of the worldwide invader shows high success albeit (almost) no genetic diversity. <i>Evolutionary Applications</i> , <b>2020</b> , 13, 500-514	4.8	18
25	Global-scale species distributions predict temperature-related changes in species composition of rocky shore communities in Britain. <i>Global Change Biology</i> , <b>2019</b> , 26, 2093	11.4	17
24	Data integration for European marine biodiversity research: creating a database on benthos and plankton to study large-scale patterns and long-term changes. <i>Hydrobiologia</i> , <b>2010</b> , 644, 1-13	2.4	16
23	Region-wide changes in marine ecosystem dynamics: state-space models to distinguish trends from step changes. <i>Global Change Biology</i> , <b>2012</b> , 18, 1270-1281	11.4	14
22	Moving Toward a Strategy for Addressing Climate Displacement of Marine Resources: A Proof-of-Concept. <i>Frontiers in Marine Science</i> , <b>2020</b> , 7,	4.5	12
21	Climate-Driven Range Shifts Within Benthic Habitats Across a Marine Biogeographic Transition Zone. <i>Advances in Ecological Research</i> , <b>2016</b> , 55, 325-369	4.6	12
20	Aspects of benthic decapod diversity and distribution from rocky nearshore habitat at geographically widely dispersed sites. <i>PLoS ONE</i> , <b>2011</b> , 6, e18606	3.7	11
19	When Invaders Go Unnoticed: The Case of <i>Gracilaria vermiculophylla</i> in the British Isles. <i>Cryptogamie, Algologie</i> , <b>2017</b> , 38, 379-400	0.7	10
18	The Intertidal Zone of the North-East Atlantic Region <b>2019</b> , 7-46		9
17	Biogeographical patterns in limpet abundance and assemblage composition in New Zealand. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2011</b> , 400, 155-166	2.1	8
16	Specific niche requirements underpin multidecadal range edge stability, but may introduce barriers for climate change adaptation. <i>Diversity and Distributions</i> , <b>2021</b> , 27, 668-683	5	7
15	FROM THE TORREY CANYON TO TODAY: A 50 YEAR RETROSPECTIVE OF RECOVERY FROM THE OIL SPILL AND INTERACTION WITH CLIMATE-DRIVEN FLUCTUATIONS ON CORNISH ROCKY SHORES. <i>International Oil Spill Conference Proceedings</i> , <b>2017</b> , 2017, 74-103		6
14	Patterns of abundance across geographical ranges as a predictor for responses to climate change: Evidence from UK rocky shores. <i>Diversity and Distributions</i> , <b>2020</b> , 26, 1357-1365	5	6
13	Multinational, integrated approaches to forecasting and managing the impacts of climate change on intertidal species. <i>Marine Ecology - Progress Series</i> , <b>2019</b> , 613, 247-252	2.6	5
12	Recovery of an urbanised estuary: Clean-up, de-industrialisation and restoration of redundant dock-basins in the Mersey. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 156, 111150	6.7	4

11	Intertidal Indicators of Climate and Global Change <b>2016</b> , 213-229		4
10	Evolutionary Phycology: Toward a Macroalgal Species Conceptual Framework. <i>Journal of Phycology</i> , <b>2020</b> , 56, 1404-1413	3	3
9	Impacts of Pervasive Climate Change and Extreme Events on Rocky Intertidal Communities: Evidence From Long-Term Data. <i>Frontiers in Marine Science</i> ,8,	4.5	3
8	Environmental regulation of individual body size contributes to geographic variation in clonal life cycle expression. <i>Marine Biology</i> , <b>2019</b> , 166, 1	2.5	3
7	Climate-driven changes in coastal marine biodiversity; trends, forecasts & management implications. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2009</b> , 6, 312021	0.3	2
6	Long-term environmental tolerance of the non-indigenous Pacific oyster to expected contemporary climate change conditions. <i>Marine Environmental Research</i> , <b>2021</b> , 164, 105226	3.3	2
5	Real-time rotation of the multispiral operculum of <i>Phorcus lineatus</i> (da Costa, 1778) (Gastropoda: Trochidae): evidence for a semidiurnal rhythm and its use in growth studies. <i>Journal of Molluscan Studies</i> , <b>2017</b> , 83, 211-219	1.1	1
4	Intertidal Indicators of Climate and Global Change <b>2009</b> , 281-296		1
3	On the diversity and distribution of a data deficient habitat in a poorly mapped region: The case of <i>Sabellaria alveolata</i> L. in Ireland. <i>Marine Environmental Research</i> , <b>2021</b> , 169, 105344	3.3	0
2	Intertidal indicators of climate and global change <b>2021</b> , 465-482		
1	The genome sequence of the grey top shell, <i>Steromphala cineraria</i> (Linnaeus, 1758). <i>Wellcome Open Research</i> ,7, 44	4.8	