

# Antony Knights

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2833744/publications.pdf>

Version: 2024-02-01

48  
papers

1,552  
citations

279487

23  
h-index

329751

37  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1751  
citing authors

#	ARTICLE	IF	CITATIONS
1	The importance of water-retaining features for biodiversity on artificial intertidal coastal defence structures. <i>Diversity and Distributions</i> , 2013, 19, 1275-1283.	1.9	154
2	Air temperature and winter mortality: Implications for the persistence of the invasive mussel, <i>Perna viridis</i> in the intertidal zone of the south-eastern United States. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 400, 250-256.	0.7	86
3	Eco-engineered rock pools: a concrete solution to biodiversity loss and urban sprawl in the marine environment. <i>Environmental Research Letters</i> , 2016, 11, 094015.	2.2	81
4	Linking the biological impacts of ocean acidification on oysters to changes in ecosystem services: A review. <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 492, 49-62.	0.7	79
5	Identifying common pressure pathways from a complex network of human activities to support ecosystem-based management. <i>Ecological Applications</i> , 2013, 23, 755-765.	1.8	75
6	An exposure-effect approach for evaluating ecosystem-wide risks from human activities. <i>ICES Journal of Marine Science</i> , 2015, 72, 1105-1115.	1.2	72
7	Mechanisms of larval transport: vertical distribution of bivalve larvae varies with tidal conditions. <i>Marine Ecology - Progress Series</i> , 2006, 326, 167-174.	0.9	71
8	Greening of grey infrastructure should not be used as a Trojan horse to facilitate coastal development. <i>Journal of Applied Ecology</i> , 2020, 57, 1762-1768.	1.9	61
9	Ecological risk assessments to guide decision-making: Methodology matters. <i>Environmental Science and Policy</i> , 2017, 68, 1-9.	2.4	56
10	Partial replacement of cement for waste aggregates in concrete coastal and marine infrastructure: A foundation for ecological enhancement?. <i>Ecological Engineering</i> , 2018, 120, 655-667.	1.6	47
11	A step-wise process of decision-making under uncertainty when implementing environmental policy. <i>Environmental Science and Policy</i> , 2014, 39, 56-64.	2.4	44
12	From microscope to management: The critical value of plankton taxonomy to marine policy and biodiversity conservation. <i>Marine Policy</i> , 2017, 83, 1-10.	1.5	44
13	Urban blue: A global analysis of the factors shaping people's perceptions of the marine environment and ecological engineering in harbours. <i>Science of the Total Environment</i> , 2019, 658, 1293-1305.	3.9	42
14	Evaluation of ecosystem-based marine management strategies based on risk assessment. <i>Biological Conservation</i> , 2015, 186, 158-166.	1.9	41
15	Ocean Sprawl: Challenges and Opportunities for Biodiversity Management In A Changing World. <i>Oceanography and Marine Biology</i> , 2016, , 193-270.	1.0	39
16	Changes in the biochemical and nutrient composition of seafood due to ocean acidification and warming. <i>Marine Environmental Research</i> , 2019, 143, 82-92.	1.1	37
17	Interactions between Multiple Recruitment Drivers: Post-Settlement Predation Mortality and Flow-Mediated Recruitment. <i>PLoS ONE</i> , 2012, 7, e35096.	1.1	36
18	Indications of future performance of native and non-native adult oysters under acidification and warming. <i>Marine Environmental Research</i> , 2018, 142, 178-189.	1.1	33

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19	Recruitment interactions, density-dependent processes and population persistence in the eastern oyster <i>Crassostrea virginica</i> . <i>Marine Ecology - Progress Series</i> , 2010, 404, 79-90.	0.9	28
20	A spatially resolved pressure-based approach to evaluate combined effects of human activities and management in marine ecosystems. <i>ICES Journal of Marine Science</i> , 2015, 72, 2245-2256.	1.2	27
21	Spatial variation in body size and reproductive condition of subtidal mussels: Considerations for sustainable management. <i>Fisheries Research</i> , 2012, 113, 45-54.	0.9	26
22	Integrated ecosystem analysis in Irish waters; Providing the context for ecosystem-based fisheries management. <i>Fisheries Research</i> , 2019, 209, 218-229.	0.9	26
23	An environmental assessment of risk in achieving good environmental status to support regional prioritisation of management in Europe. <i>Marine Policy</i> , 2012, 36, 1033-1043.	1.5	25
24	Predicting Free-Space Occupancy on Novel Artificial Structures by an Invasive Intertidal Barnacle Using a Removal Experiment. <i>PLoS ONE</i> , 2013, 8, e74457.	1.1	25
25	Climate change and the green energy paradox: the consequences for twaite shad <i>Alosa fallax</i> from the River Severn, U.K.. <i>Journal of Fish Biology</i> , 2010, 77, 1912-1930.	0.7	24
26	The effects of elevated CO <sub>2</sub> on shell properties and susceptibility to predation in mussels <i>Mytilus edulis</i> . <i>Marine Environmental Research</i> , 2018, 139, 162-168.	1.1	23
27	Plymouth – A World Harbour through the ages. <i>Regional Studies in Marine Science</i> , 2016, 8, 297-307.	0.4	22
28	Spatial arrangement of biogenic reefs alters boundary layer characteristics to increase risk of microplastic bioaccumulation. <i>Environmental Research Letters</i> , 2020, 15, 064024.	2.2	22
29	Time-dependent effects of orientation, heterogeneity and composition determines benthic biological community recruitment patterns on subtidal artificial structures. <i>Ecological Engineering</i> , 2018, 122, 219-228.	1.6	21
30	Material type influences the abundance but not richness of colonising organisms on marine structures. <i>Journal of Environmental Management</i> , 2022, 307, 114549.	3.8	18
31	Reverse engineering field-derived vertical distribution profiles to infer larval swimming behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11818-11823.	3.3	17
32	Evidence for the effects of decommissioning man-made structures on marine ecosystems globally: a systematic map protocol. <i>Environmental Evidence</i> , 2021, 10, .	1.1	16
33	Specific niche requirements underpin multidecadal range edge stability, but may introduce barriers for climate change adaptation. <i>Diversity and Distributions</i> , 2021, 27, 668-683.	1.9	15
34	A global atlas of the environmental risk of marinas on water quality. <i>Marine Pollution Bulletin</i> , 2019, 149, 110661.	2.3	14
35	Conflicts in some of the World harbours: what needs to happen next?. <i>Maritime Studies</i> , 2016, 15, 1.	1.1	13
36	Sex differences in individual foraging site fidelity of Campbell albatross. <i>Marine Ecology - Progress Series</i> , 2018, 601, 227-238.	0.9	13

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37	Do positive interactions between marine invaders increase likelihood of invasion into natural and artificial habitats?. <i>Oikos</i> , 2021, 130, 453-463.	1.2	12
38	Sensory Qualities of Oysters Unaltered by a Short Exposure to Combined Elevated pCO <sub>2</sub> and Temperature. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	11
39	Ocean Acidification Mitigates the Negative Effects of Increased Sea Temperatures on the Biomineralization and Crystalline Ultrastructure of <i>Mytilus</i> . <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	11
40	A global approach to mapping the environmental risk of harbours on aquatic systems. <i>Marine Policy</i> , 2020, 119, 104051.	1.5	7
41	Do differences in developmental mode shape the potential for local adaptation?. <i>Ecology</i> , 2020, 101, e02942.	1.5	6
42	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> , 2021, 169, 105344.	1.1	6
43	Removal of intertidal grazers by human harvesting leads to alteration of species interactions, community structure and resilience to climate change. <i>Marine Environmental Research</i> , 2019, 146, 57-65.	1.1	5
44	Allometric scaling of faunal-mediated ecosystem functioning: A case study on two bioturbators in contrasting sediments. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 254, 107323.	0.9	5
45	Revisiting Connell: competition but not as we know it. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2018, 98, 1253-1261.	0.4	3
46	Preferential Parasitism of Native Oyster <i>Ostrea edulis</i> Over Non-Native <i>Magallana gigas</i> by a Polydorid Worm. <i>Estuaries and Coasts</i> , 2019, 42, 1397-1403.	1.0	3
47	Seascape genomics reveals population isolation in the reef-building honeycomb worm, <i>Sabellaria alveolata</i> (L.). <i>BMC Evolutionary Biology</i> , 2020, 20, 100.	3.2	1
48	Hindcasting Ecosystem Functioning Change in an Anthropogenized Estuary: Implications for an Era of Global Change. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	1