

Naoki H Kumagai

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

456
citations

759233

12
h-index

752698

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32
all docs

32
docs citations

32
times ranked

674
citing authors

#	ARTICLE	IF	CITATIONS
1	Ocean currents and herbivory drive macroalgae-to-coral community shift under climate warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8990-8995.	7.1	105
2	High-resolution modeling of thermal thresholds and environmental influences on coral bleaching for local and regional reef management. <i>PeerJ</i> , 2018, 6, e4382.	2.0	34
3	Projecting the impacts of rising seawater temperatures on the distribution of seaweeds around Japan under multiple climate change scenarios. <i>Ecology and Evolution</i> , 2015, 5, 213-223.	1.9	32
4	Role of food source and predator avoidance in habitat specialization by an octocoral-associated amphipod. <i>Oecologia</i> , 2008, 155, 739-749.	2.0	21
5	Identification of important marine areas around the Japanese Archipelago: Establishment of a protocol for evaluating a broad area using ecologically and biologically significant areas selection criteria. <i>Marine Policy</i> , 2015, 51, 136-147.	3.2	21
6	Negative effects of ocean acidification on two crustose coralline species using genetically homogeneous samples. <i>Marine Environmental Research</i> , 2014, 94, 1-6.	2.5	19
7	Seasonal changes in the epifaunal community on the shallow-water gorgonian <i>Melithaea flabellifera</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2003, 83, 1221-1222.	0.8	18
8	Spatial variability in recruitment of acroporid corals and predatory starfish along the Onna coast, Okinawa, Japan. <i>Marine Ecology - Progress Series</i> , 2015, 540, 1-12.	1.9	18
9	Responses of calcification of massive and encrusting corals to past, present, and near-future ocean carbon dioxide concentrations. <i>Marine Pollution Bulletin</i> , 2014, 89, 348-355.	5.0	17
10	An improved estimation of the poleward expansion of coral habitats based on the inter-annual variation of sea surface temperatures. <i>Coral Reefs</i> , 2015, 34, 1125-1137.	2.2	17
11	Intraspecific variations in responses to ocean acidification in two branching coral species. <i>Marine Pollution Bulletin</i> , 2017, 122, 282-287.	5.0	15
12	Improving the interpretability of climate landscape metrics: An ecological risk analysis of Japan's Marine Protected Areas. <i>Global Change Biology</i> , 2017, 23, 4440-4452.	9.5	14
13	Effects of temperature and red tides on sea urchin abundance and species richness over 45 years in southern Japan. <i>Ecological Indicators</i> , 2019, 96, 684-693.	6.3	14
14	Distance effects on patterns and processes of dispersal in an octocoral-associated amphipod. <i>Marine Ecology - Progress Series</i> , 2006, 321, 203-214.	1.9	14
15	Declaration of local chemical eradication of the Argentine ant: Bayesian estimation with a multinomial-mixture model. <i>Scientific Reports</i> , 2017, 7, 3389.	3.3	11
16	Photosynthesis and growth of <i>Ulva ohnoi</i> and <i>Ulva pertusa</i> (Ulvophyceae) under high light and high temperature conditions, and implications for green tide in Japan. <i>Phycological Research</i> , 2020, 68, 152-160.	1.6	11
17	Using Long-Term Removal Data to Manage a Crown-of-Thorns Starfish Population. <i>Diversity</i> , 2016, 8, 24.	1.7	9
18	Habitat-forming seaweeds in Japan (fucoids and temperate kelps). <i>Ecological Research</i> , 2016, 31, 759-759.	1.5	9

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19	Climate-induced species range shift and local adaptation strategies in a temperate marine protected area, Ashizuri-Uwakai National Park, Shikoku Island, western Japan. <i>Ocean and Coastal Management</i> , 2021, 210, 105744.	4.4	9
20	Valuation of coral reefs in Japan: Willingness to pay for conservation and the effect of information. <i>Ecosystem Services</i> , 2020, 46, 101166.	5.4	7
21	Data on coral species occurrences in Japan since 1929. <i>Ecological Research</i> , 2020, 35, 975-985.	1.5	7
22	Importance of seagrass vegetation for habitat partitioning between closely related species, mobile macrofauna <i>Neomysis</i> (Misidacea). <i>Hydrobiologia</i> , 2012, 680, 125-133.	2.0	6
23	Coupling high-resolution coral bleaching modeling with management practices to identify areas for conservation in a warming climate: Keramashoto National Park (Okinawa Prefecture, Japan). <i>Science of the Total Environment</i> , 2021, 790, 148094.	8.0	6
24	Maternal inheritance of F1 hybrid morphology and colony shape in the coral genus <i>Acropora</i> . <i>PeerJ</i> , 2019, 7, e6429.	2.0	4
25	Transplantation of Gorgonian Octocorals for in situ Experimental Manipulations. <i>Benthos Research</i> , 2004, 59, 11-19.	0.2	3
26	Need for Systematic Statistical Tools for Decision-Making in Radioactively Contaminated Areas. <i>Environmental Science & Technology</i> , 2016, 50, 1075-1076.	10.0	3
27	Quantitative records of habitat-forming seaweeds found in Japanese temperate and subtropical zones (fucoids and kelps). <i>Ecological Research</i> , 2020, 35, 967-974.	1.5	3
28	Use and conservation of coastal ecosystems and distribution of reef-building coral communities and macroalgae beds in the Ashizuri-Uwakai National Park and its surrounding area. <i>Journal of the Japanese Coral Reef Society</i> , 2021, 23, 1-19.	0.1	3
29	Calcification responses of subtropical corals to ocean acidification: a case study from Sesoko Island, Okinawa, Japan. <i>Galaxea</i> , 2022, 24, 51-61.	0.7	3
30	Distribution gradient of furoid algae (Sargassaceae, Phaeophyta) along the coastline of Okinawa Island, southern Japan: Relationship to environmental factors. <i>Regional Studies in Marine Science</i> , 2020, 40, 101526.	0.7	2