

Maria Beger

List of Publications by Year in Descending Order

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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.

103
papers

5,358
citations

34
h-index

72
g-index

120
ext. papers

7,011
ext. citations

6.9
avg, IF

5.31
L-index

#	Paper	IF	Citations
103	Future loss of local-scale thermal refugia in coral reef ecosystems 2022 , 1, e0000004		6
102	A community and functional comparison of coral and reef fish assemblages between four decades of coastal urbanisation and thermal stress.. <i>Ecology and Evolution</i> , 2022 , 12, e8736	2.8	0
101	SizeExtractR: A workflow for rapid reproducible extraction of object size metrics from scaled images.. <i>Ecology and Evolution</i> , 2022 , 12, e8724	2.8	0
100	The role of herbivores in shaping subtropical coral communities in warming oceans. <i>Marine Biology</i> , 2022 , 169, 1	2.5	1
99	Accepting the loss of habitat specialists in a changing world. <i>Nature Ecology and Evolution</i> , 2021 , 5, 556-557		3
98	Linking population size structure, heat stress and bleaching responses in a subtropical endemic coral. <i>Coral Reefs</i> , 2021 , 40, 777-790	4.2	2
97	Large scale study of benthic communities in Eastern Indonesia reef systems. <i>Regional Studies in Marine Science</i> , 2021 , 44, 101731	1.5	0
96	Distinct interspecific and intraspecific vulnerability of coastal species to global change. <i>Global Change Biology</i> , 2021 , 27, 3415-3431	11.4	1
95	The benefits of heterogeneity in spatial prioritisation within coral reef environments. <i>Biological Conservation</i> , 2021 , 258, 109155	6.2	1
94	Using resilience assessments to inform the management and conservation of coral reef ecosystems. <i>Journal of Environmental Management</i> , 2021 , 277, 111384	7.9	4
93	Importance of species translocations under rapid climate change. <i>Conservation Biology</i> , 2021 , 35, 775-788		13
92	The projected degradation of subtropical coral assemblages by recurrent thermal stress. <i>Journal of Animal Ecology</i> , 2021 , 90, 233-247	4.7	9
91	Coral conservation requires ecological climate-change vulnerability assessments. <i>Frontiers in Ecology and the Environment</i> , 2021 , 19, 243-250	5.5	2
90	Neither historical climate nor contemporary range fully explain the extant patterns of molecular diversity in marine species. <i>Journal of Biogeography</i> , 2021 , 48, 2629-2644	4.1	1
89	Estimating benthic trophic levels to assess the effectiveness of marine protected area management. <i>Science of the Total Environment</i> , 2021 , 790, 148234	10.2	1
88	Towards a Comparative Framework of Demographic Resilience. <i>Trends in Ecology and Evolution</i> , 2020 , 35, 776-786	10.9	21
87	Functional diversity of reef molluscs along a tropical-to-temperate gradient. <i>Coral Reefs</i> , 2020 , 39, 1361-1376		3

86	Operationalizing ecological connectivity in spatial conservation planning with Marxan Connect. <i>Methods in Ecology and Evolution</i> , 2020 , 11, 570-579	7.7	29
85	Informing marine spatial planning decisions with environmental DNA. <i>Advances in Ecological Research</i> , 2020 , 62, 375-407	4.6	9
84	Longevity, body dimension and reproductive mode drive differences in aquatic versus terrestrial life-history strategies. <i>Functional Ecology</i> , 2020 , 34, 1613-1625	5.6	10
83	National-scale marine bioregions for the Southwest Pacific. <i>Marine Pollution Bulletin</i> , 2020 , 150, 110710	6.7	3
82	A comparison of genetic and genomic approaches to represent evolutionary potential in conservation planning. <i>Biological Conservation</i> , 2020 , 251, 108770	6.2	7
81	Multi-model seascape genomics identifies distinct environmental drivers of selection among sympatric marine species. <i>BMC Evolutionary Biology</i> , 2020 , 20, 121	3	4
80	Meeting fisheries, ecosystem function, and biodiversity goals in a human-dominated world. <i>Science</i> , 2020 , 368, 307-311	33.3	45
79	The relationship between macroalgae taxa and human disturbance on central Pacific coral reefs. <i>Marine Pollution Bulletin</i> , 2019 , 145, 161-173	6.7	9
78	The molecular biogeography of the Indo-Pacific: Testing hypotheses with multispecies genetic patterns. <i>Global Ecology and Biogeography</i> , 2019 , 28, 943-960	6.1	23
77	Social-environmental drivers inform strategic management of coral reefs in the Anthropocene. <i>Nature Ecology and Evolution</i> , 2019 , 3, 1341-1350	12.3	85
76	Evaluating the impact of accounting for coral cover in large-scale marine conservation prioritizations. <i>Diversity and Distributions</i> , 2019 , 25, 1564-1574	5	3
75	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
74	Integrating climate adaptation and biodiversity conservation in the global ocean. <i>Science Advances</i> , 2019 , 5, eaay9969	14.3	65
73	Strategies in scheduling marine protected area establishment in a network system. <i>Ecological Applications</i> , 2019 , 29, e01820	4.9	9
72	Open access solutions for biodiversity journals: Do not replace one problem with another. <i>Diversity and Distributions</i> , 2019 , 25, 5-8	5	10
71	Gradients of disturbance and environmental conditions shape coral community structure for south-eastern Indian Ocean reefs. <i>Diversity and Distributions</i> , 2018 , 24, 605-620	5	23
70	Designing connected marine reserves in the face of global warming. <i>Global Change Biology</i> , 2018 , 24, e671-e691	11.4	31
69	Ocean zoning within a sparing versus sharing framework. <i>Theoretical Ecology</i> , 2018 , 11, 245-254	1.6	6

68	Evaluating the potential for transboundary management of marine biodiversity in the Western Indian Ocean. <i>Australasian Journal of Environmental Management</i> , 2018 , 25, 62-85	2	18
67	From Marxan to management: ocean zoning with stakeholders for Tun Mustapha Park in Sabah, Malaysia. <i>Oryx</i> , 2018 , 52, 775-786	1.5	22
66	Differential response to abiotic stress controls species distributions at biogeographic transition zones. <i>Ecography</i> , 2018 , 41, 478-490	6.5	24
65	Revisiting Success and Failure of Marine Protected Areas: A Conservation Scientist Perspective. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	103
64	Modelling and mapping regional-scale patterns of fishing impact and fish stocks to support coral-reef management in Micronesia. <i>Diversity and Distributions</i> , 2018 , 24, 1729-1743	5	12
63	Gravity of human impacts mediates coral reef conservation gains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E6116-E6125	11.5	108
62	Incorporating feasibility and collaboration into large-scale planning for regional recovery of coral reef fisheries. <i>Marine Ecology - Progress Series</i> , 2018 , 604, 211-222	2.6	6
61	A theory for ecological survey methods to map individual distributions. <i>Theoretical Ecology</i> , 2018 , 11, 213-223	1.6	2
60	Spatially explicit approach to estimation of total population abundance in field surveys. <i>Journal of Theoretical Biology</i> , 2018 , 453, 88-95	2.3	2
59	Risk-sensitive planning for conserving coral reefs under rapid climate change. <i>Conservation Letters</i> , 2018 , 11, e12587	6.9	83
58	Subsistence harvesting by a small community does not substantially compromise coral reef fish assemblages. <i>ICES Journal of Marine Science</i> , 2017 , 74, 2191-2200	2.7	6
57	Global warming and recurrent mass bleaching of corals. <i>Nature</i> , 2017 , 543, 373-377	50.4	1539
56	Multispecies genetic objectives in spatial conservation planning. <i>Conservation Biology</i> , 2017 , 31, 872-8826		29
55	Local and regional controls of phylogenetic structure at the high-latitude range limits of corals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	10
54	Movement, distribution and marine reserve use by an endangered migratory giant. <i>Diversity and Distributions</i> , 2017 , 23, 1268-1279	5	18
53	Integrating research using animal-borne telemetry with the needs of conservation management. <i>Journal of Applied Ecology</i> , 2017 , 54, 423-429	5.8	80
52	Simple rules can guide whether land- or ocean-based conservation will best benefit marine ecosystems. <i>PLoS Biology</i> , 2017 , 15, e2001886	9.7	18
51	Methods for calculating Protection Equality for conservation planning. <i>PLoS ONE</i> , 2017 , 12, e0171591	3.7	24

50	Using the DPSIR framework for transdisciplinary training and knowledge elicitation in the Gulf of Thailand. <i>Ocean and Coastal Management</i> , 2016 , 134, 163-172	3.9	14
49	Bright spots among the world's coral reefs. <i>Nature</i> , 2016 , 535, 416-9	50.4	275
48	The effect of contrasting threat mitigation objectives on spatial conservation priorities. <i>Marine Policy</i> , 2016 , 68, 23-29	3.5	12
47	Two roles for ecological surrogacy: Indicator surrogates and management surrogates. <i>Ecological Indicators</i> , 2016 , 63, 121-125	5.8	58
46	How the DPSIR framework can be used for structuring problems and facilitating empirical research in coastal systems. <i>Environmental Science and Policy</i> , 2016 , 56, 110-119	6.2	95
45	A Citizen Science Approach: A Detailed Ecological Assessment of Subtropical Reefs at Point Lookout, Australia. <i>PLoS ONE</i> , 2016 , 11, e0163407	3.7	21
44	The value of migration information for conservation prioritization of sea turtles in the Mediterranean. <i>Global Ecology and Biogeography</i> , 2016 , 25, 540-552	6.1	29
43	Integrating regional conservation priorities for multiple objectives into national policy. <i>Nature Communications</i> , 2015 , 6, 8208	17.4	80
42	Opportunistic management of estuaries under climate change: A new adaptive decision-making framework and its practical application. <i>Journal of Environmental Management</i> , 2015 , 163, 214-23	7.9	14
41	A new framework for selecting environmental surrogates. <i>Science of the Total Environment</i> , 2015 , 538, 1029-38	10.2	67
40	The Effect of Applying Alternate IPCC Climate Scenarios to Marine Reserve Design for Range Changing Species. <i>Conservation Letters</i> , 2015 , 8, 320-328	6.9	17
39	Fisheries and biodiversity benefits of using static versus dynamic models for designing marine reserve networks. <i>Ecosphere</i> , 2015 , 6, art182	3.1	22
38	Shortfalls in the global protected area network at representing marine biodiversity. <i>Scientific Reports</i> , 2015 , 5, 17539	4.9	99
37	Why do we map threats? Linking threat mapping with actions to make better conservation decisions. <i>Frontiers in Ecology and the Environment</i> , 2015 , 13, 91-99	5.5	133
36	Spatio-temporal marine conservation planning to support high-latitude coral range expansion under climate change. <i>Diversity and Distributions</i> , 2014 , 20, 859-871	5	46
35	Evolving coral reef conservation with genetic information. <i>Bulletin of Marine Science</i> , 2014 , 90, 159-185	1.3	57
34	The application of genetics to marine management and conservation: examples from the Indo-Pacific. <i>Bulletin of Marine Science</i> , 2014 , 90, 123-158	1.3	56
33	Conserving potential coral reef refuges at high latitudes. <i>Diversity and Distributions</i> , 2014 , 20, 245-257	5	95

32	Trait-mediated environmental filtering drives assembly at biogeographic transition zones. <i>Ecology</i> , 2014 , 95, 1000-9	4.6	83
31	Habitat partitioning and vulnerability of sharks in the Great Barrier Reef Marine Park. <i>Reviews in Fish Biology and Fisheries</i> , 2014 , 24, 169-197	6	10
30	Integrated planning for land-sea ecosystem connectivity to protect coral reefs. <i>Biological Conservation</i> , 2013 , 165, 35-42	6.2	27
29	Enigmatic declines of Australia's sea snakes from a biodiversity hotspot. <i>Biological Conservation</i> , 2013 , 166, 191-202	6.2	42
28	Achieving the triple bottom line in the face of inherent trade-offs among social equity, economic return, and conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 6229-34	11.5	173
27	Critical research needs for managing coral reef marine protected areas: perspectives of academics and managers. <i>Journal of Environmental Management</i> , 2013 , 114, 84-91	7.9	40
26	Regional Conservation Status of Scleractinian Coral Biodiversity in the Republic of the Marshall Islands. <i>Diversity</i> , 2013 , 5, 522-540	2.5	4
25	Incorporating conservation zone effectiveness for protecting biodiversity in marine planning. <i>PLoS ONE</i> , 2013 , 8, e78986	3.7	16
24	Prioritizing key resilience indicators to support coral reef management in a changing climate. <i>PLoS ONE</i> , 2012 , 7, e42884	3.7	160
23	Population trends of remote invertebrate resources in a marine reserve: trochus and holothurians at Ashmore Reef.. <i>Pacific Conservation Biology</i> , 2011 , 17, 132	1.2	5
22	Reimaanlok: A National Framework for Conservation Area Planning in the Marshall Islands. <i>Journal of Marine Biology</i> , 2011 , 2011, 1-11	1	12
21	Research challenges to improve the management and conservation of subtropical reefs to tackle climate change threats. <i>Ecological Management and Restoration</i> , 2011 , 12, e7-e10	1.4	17
20	A quantification of the standing stock of macro-debris in Majuro lagoon and its effect on hard coral communities. <i>Marine Pollution Bulletin</i> , 2011 , 62, 1693-701	6.7	70
19	Dispersal connectivity and reserve selection for marine conservation. <i>Ecological Modelling</i> , 2011 , 222, 1272-1282	3	67
18	Global human footprint on the linkage between biodiversity and ecosystem functioning in reef fishes. <i>PLoS Biology</i> , 2011 , 9, e1000606	9.7	204
17	Conservation planning for connectivity across marine, freshwater, and terrestrial realms. <i>Biological Conservation</i> , 2010 , 143, 565-575	6.2	181
16	The application of object based analysis of high spatial resolution imagery for mapping large coral reef systems in the West Pacific at geomorphic and benthic community spatial scales 2010 ,		10
15	Incorporating asymmetric connectivity into spatial decision making for conservation. <i>Conservation Letters</i> , 2010 , 3, 359-368	6.9	102

14	Prioritizing land and sea conservation investments to protect coral reefs. <i>PLoS ONE</i> , 2010 , 5, e12431	3.7	65
13	Bikini Atoll coral biodiversity resilience five decades after nuclear testing. <i>Marine Pollution Bulletin</i> , 2008 , 56, 503-15	6.7	33
12	Thinking outside the reef. <i>Science</i> , 2008 , 319, 1759	33.3	4
11	Environmental factors that influence the distribution of coral reef fishes: modeling occurrence data for broad-scale conservation and management. <i>Marine Ecology - Progress Series</i> , 2008 , 361, 1-13	2.6	45
10	Effectiveness of surrogate taxa in the design of coral reef reserve systems in the Indo-Pacific. <i>Conservation Biology</i> , 2007 , 21, 1584-93	6	30
9	A theory for optimal monitoring of marine reserves. <i>Ecology Letters</i> , 2005 , 8, 829-837	10	65
8	A framework of lessons learned from community-based marine reserves and its effectiveness in guiding a new coastal management initiative in the Philippines. <i>Environmental Management</i> , 2004 , 34, 786-801	3.1	41
7	Conservation of coral reef biodiversity: a comparison of reserve selection procedures for corals and fishes. <i>Biological Conservation</i> , 2003 , 111, 53-62	6.2	77
6	Spatially explicit approach to population abundance estimation in field surveys		1
5	Operationalizing ecological connectivity in spatial conservation planning with Marxan Connect		6
4	Transient demographic approaches can drastically expand the toolbox of coral reef science		2
3	Transient amplification enhances the persistence of tropicalising coral populations in marginal high latitude environments		2
2	Coral assemblages at higher latitudes favour short-term potential over long-term performance		1
1	Transient demographic approaches can drastically expand the toolbox of coral reef science. <i>Coral Reefs</i> , 1	4.2	0