

Emily S Darling

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

6,276
citations

101543

36
h-index

197818

49
g-index

52
all docs

52
docs citations

52
times ranked

7907
citing authors

#	ARTICLE	IF	CITATIONS
1	Capacity shortfalls hinder the performance of marine protected areas globally. <i>Nature</i> , 2017, 543, 665-669.	27.8	630
2	Quantifying the evidence for ecological synergies. <i>Ecology Letters</i> , 2008, 11, 1278-1286.	6.4	608
3	Evaluating life-history strategies of reef corals from species traits. <i>Ecology Letters</i> , 2012, 15, 1378-1386.	6.4	520
4	Interactions among ecosystem stressors and their importance in conservation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152592.	2.6	515
5	Rethinking Ecosystem Resilience in the Face of Climate Change. <i>PLoS Biology</i> , 2010, 8, e1000438.	5.6	306
6	Life histories predict coral community disassembly under multiple stressors. <i>Global Change Biology</i> , 2013, 19, 1930-1940.	9.5	216
7	Relationships between structural complexity, coral traits, and reef fish assemblages. <i>Coral Reefs</i> , 2017, 36, 561-575.	2.2	210
8	Prioritizing Key Resilience Indicators to Support Coral Reef Management in a Changing Climate. <i>PLoS ONE</i> , 2012, 7, e42884.	2.5	204
9	Evaluating Social and Ecological Vulnerability of Coral Reef Fisheries to Climate Change. <i>PLoS ONE</i> , 2013, 8, e74321.	2.5	192
10	The Coral Trait Database, a curated database of trait information for coral species from the global oceans. <i>Scientific Data</i> , 2016, 3, 160017.	5.3	189
11	Social-environmental drivers inform strategic management of coral reefs in the Anthropocene. <i>Nature Ecology and Evolution</i> , 2019, 3, 1341-1350.	7.8	175
12	Coral reef ecosystem functioning: eight core processes and the role of biodiversity. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 445-454.	4.0	175
13	The MPA Guide: A framework to achieve global goals for the ocean. <i>Science</i> , 2021, 373, eabf0861.	12.6	170
14	A Trait-Based Approach to Advance Coral Reef Science. <i>Trends in Ecology and Evolution</i> , 2016, 31, 419-428.	8.7	161
15	MALTHUSIAN OVERFISHING AND EFFORTS TO OVERCOME IT ON KENYAN CORAL REEFS. <i>Ecological Applications</i> , 2008, 18, 1516-1529.	3.8	157
16	Risk-sensitive planning for conserving coral reefs under rapid climate change. <i>Conservation Letters</i> , 2018, 11, e12587.	5.7	151
17	Combined effects of two stressors on Kenyan coral reefs are additive or antagonistic, not synergistic. <i>Conservation Letters</i> , 2010, 3, 122-130.	5.7	124
18	Distributions of Indo-Pacific lionfishes <i>Pterois</i> spp. in their native ranges: implications for the Atlantic invasion. <i>Marine Ecology - Progress Series</i> , 2012, 446, 189-205.	1.9	115

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19	Increased seed dispersal potential towards geographic range limits in a Pacific coast dune plant. <i>New Phytologist</i> , 2008, 178, 424-435.	7.3	100
20	Indo-Pacific lionfish are larger and more abundant on invaded reefs: a comparison of Kenyan and Bahamian lionfish populations. <i>Biological Invasions</i> , 2011, 13, 2045-2051.	2.4	87
21	Who Should Pick the Winners of Climate Change?. <i>Trends in Ecology and Evolution</i> , 2017, 32, 167-173.	8.7	84
22	Seeking resilience in marine ecosystems. <i>Science</i> , 2018, 359, 986-987.	12.6	82
23	Temperature patterns and mechanisms influencing coral bleaching during the 2016 El Niño. <i>Nature Climate Change</i> , 2019, 9, 845-851.	18.8	81
24	A novel framework for analyzing conservation impacts: evaluation, theory, and marine protected areas. <i>Annals of the New York Academy of Sciences</i> , 2017, 1399, 93-115.	3.8	69
25	Challenges, insights and perspectives associated with using social-ecological science for marine conservation. <i>Ocean and Coastal Management</i> , 2015, 115, 49-60.	4.4	68
26	What Doesn't Kill You Makes You Wary? Effect of Repeated Culling on the Behaviour of an Invasive Predator. <i>PLoS ONE</i> , 2014, 9, e94248.	2.5	66
27	Coral reefs in a crystal ball: predicting the future from the vulnerability of corals and reef fishes to multiple stressors. <i>Current Opinion in Environmental Sustainability</i> , 2014, 7, 59-64.	6.3	63
28	Fine- and coarse-scale filter conservation strategies in a time of climate change. <i>Annals of the New York Academy of Sciences</i> , 2014, 1322, 92-109.	3.8	63
29	Biogeography and Change among Regional Coral Communities across the Western Indian Ocean. <i>PLoS ONE</i> , 2014, 9, e93385.	2.5	62
30	Coupled Networks of Permanent Protected Areas and Dynamic Conservation Areas for Biodiversity Conservation Under Climate Change. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	54
31	Implementing a social-ecological systems framework for conservation monitoring: lessons from a multi-country coral reef program. <i>Biological Conservation</i> , 2019, 240, 108298.	4.1	52
32	How Twitter Literacy Can Benefit Conservation Scientists. <i>Conservation Biology</i> , 2014, 28, 299-301.	4.7	50
33	Rebuilding coral reefs: success (and failure) 16 years after low-cost, low-tech restoration. <i>Restoration Ecology</i> , 2019, 27, 862-869.	2.9	49
34	Comparing patterns of taxonomic, functional and phylogenetic diversity in reef coral communities. <i>Coral Reefs</i> , 2018, 37, 737-750.	2.2	46
35	Use of double-blind peer review to increase author diversity. <i>Conservation Biology</i> , 2015, 29, 297-299.	4.7	43
36	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.	4.1	43

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37	Fishing restrictions and remoteness deliver conservation outcomes for Indonesia's coral reef fisheries. <i>Conservation Letters</i> , 2020, 13, e12698.	5.7	40
38	Conservation Needs Diverse Values, Approaches, and Practitioners. <i>Conservation Letters</i> , 2015, 8, 385-387.	5.7	39
39	Large geographic variability in the resistance of corals to thermal stress. <i>Global Ecology and Biogeography</i> , 2020, 29, 2229-2247.	5.8	36
40	Assessing the Effect of Marine Reserves on Household Food Security in Kenyan Coral Reef Fishing Communities. <i>PLoS ONE</i> , 2014, 9, e113614.	2.5	36
41	A global map of human pressures on tropical coral reefs. <i>Conservation Letters</i> , 2022, 15, .	5.7	30
42	Emerging Technologies and Coral Reef Conservation: Opportunities, Challenges, and Moving Forward. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	25
43	What is an endangered species worth? Threshold costs for protecting imperilled fishes in Canada. <i>Marine Policy</i> , 2013, 42, 125-132.	3.2	18
44	Systems thinking for planning and evaluating conservation interventions. <i>Conservation Science and Practice</i> , 2019, 1, e44.	2.0	18
45	Conservation: A to-do list for the world's parks. <i>Nature</i> , 2014, 515, 28-31.	27.8	15
46	Coral Reefs: Fishing for Sustainability. <i>Current Biology</i> , 2017, 27, R65-R68.	3.9	14
47	Views of management effectiveness in tropical reef fisheries. <i>Fish and Fisheries</i> , 2021, 22, 1085-1104.	5.3	9
48	Prioritizing phylogenetic diversity to protect functional diversity of reef corals. <i>Diversity and Distributions</i> , 2022, 28, 1721-1734.	4.1	3