

Camilo Mora

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

11,386
citations

94433

37
h-index

161849

54
g-index

57
all docs

57
docs citations

57
times ranked

17034
citing authors

#	ARTICLE	IF	CITATIONS
1	How Many Species Are There on Earth and in the Ocean?. PLoS Biology, 2011, 9, e1001127.	5.6	1,970
2	Global patterns and predictors of marine biodiversity across taxa. Nature, 2010, 466, 1098-1101.	27.8	1,131
3	Global risk of deadly heat. Nature Climate Change, 2017, 7, 501-506.	18.8	887
4	The broad footprint of climate change from genes to biomes to people. Science, 2016, 354, .	12.6	883
5	The projected timing of climate departure from recent variability. Nature, 2013, 502, 183-187.	27.8	579
6	The interaction of human population, food production, and biodiversity protection. Science, 2017, 356, 260-264.	12.6	439
7	ECOLOGY: Enhanced: Coral Reefs and the Global Network of Marine Protected Areas. Science, 2006, 312, 1750-1751.	12.6	394
8	Bright spots among the world's coral reefs. Nature, 2016, 535, 416-419.	27.8	394
9	Broad threat to humanity from cumulative climate hazards intensified by greenhouse gas emissions. Nature Climate Change, 2018, 8, 1062-1071.	18.8	365
10	Management Effectiveness of the World's Marine Fisheries. PLoS Biology, 2009, 7, e1000131.	5.6	310
11	Patterns and processes in reef fish diversity. Nature, 2003, 421, 933-936.	27.8	302
12	Major impacts of climate change on deep-sea benthic ecosystems. Elementa, 2017, 5, .	3.2	252
13	Global Human Footprint on the Linkage between Biodiversity and Ecosystem Functioning in Reef Fishes. PLoS Biology, 2011, 9, e1000606.	5.6	249
14	Bitcoin emissions alone could push global warming above 2°C. Nature Climate Change, 2018, 8, 931-933.	18.8	249
15	A clear human footprint in the coral reefs of the Caribbean. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 767-773.	2.6	246
16	Are populations of coral reef fish open or closed?. Trends in Ecology and Evolution, 2002, 17, 422-428.	8.7	235
17	Biotic and Human Vulnerability to Projected Changes in Ocean Biogeochemistry over the 21st Century. PLoS Biology, 2013, 11, e1001682.	5.6	194
18	Gravity of human impacts mediates coral reef conservation gains. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6116-E6125.	7.1	185

#	ARTICLE	IF	CITATIONS
19	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
20	Large-Scale Absence of Sharks on Reefs in the Greater-Caribbean: A Footprint of Human Pressures. <i>PLoS ONE</i> , 2010, 5, e11968.	2.5	173
21	The completeness of taxonomic inventories for describing the global diversity and distribution of marine fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 149-155.	2.6	162
22	The influence of geological, geochemical, and biogenic habitat heterogeneity on seep biodiversity. <i>Marine Ecology</i> , 2010, 31, 51-65.	1.1	157
23	Effect of the rate of temperature increase of the dynamic method on the heat tolerance of fishes. <i>Journal of Thermal Biology</i> , 2006, 31, 337-341.	2.5	120
24	Experimental simulations about the effects of overexploitation and habitat fragmentation on populations facing environmental warming. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1023-1028.	2.6	100
25	Meeting fisheries, ecosystem function, and biodiversity goals in a human-dominated world. <i>Science</i> , 2020, 368, 307-311.	12.6	99
26	How accessible are coral reefs to people? A global assessment based on travel time. <i>Ecology Letters</i> , 2016, 19, 351-360.	6.4	97
27	CAUSES OF LATITUDINAL GRADIENTS IN SPECIES RICHNESS: A TEST WITH FISHES OF THE TROPICAL EASTERN PACIFIC. <i>Ecology</i> , 2005, 86, 1771-1782.	3.2	90
28	High connectivity among habitats precludes the relationship between dispersal and range size in tropical reef fishes. <i>Ecography</i> , 2012, 35, 89-96.	4.5	90
29	Shifts in global bat diversity suggest a possible role of climate change in the emergence of SARS-CoV-1 and SARS-CoV-2. <i>Science of the Total Environment</i> , 2021, 767, 145413.	8.0	90
30	Twenty-Seven Ways a Heat Wave Can Kill You. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2017, 10, .	2.2	74
31	Suitable Days for Plant Growth Disappear under Projected Climate Change: Potential Human and Biotic Vulnerability. <i>PLoS Biology</i> , 2015, 13, e1002167.	5.6	73
32	Effect of Body Size on Reef Fish Tolerance to Extreme Low and High Temperatures. <i>Environmental Biology of Fishes</i> , 2004, 70, 339-343.	1.0	66
33	Escaping the perfect storm of simultaneous climate change impacts on agriculture and marine fisheries. <i>Science Advances</i> , 2019, 5, eaaw9976.	10.3	60
34	Alternative hypotheses to explain why biodiversity-ecosystem functioning relationships are concave-up in some natural ecosystems but concave-down in manipulative experiments. <i>Scientific Reports</i> , 2014, 4, 5427.	3.3	49
35	Factors shaping the range-size frequency distribution of the endemic fish fauna of the Tropical Eastern Pacific. <i>Journal of Biogeography</i> , 2005, 32, 277-286.	3.0	47
36	Mapping Fishing Activities and Suitable Fishing Grounds Using Nighttime Satellite Images and Maximum Entropy Modelling. <i>Remote Sensing</i> , 2018, 10, 1604.	4.0	47

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37	Ecological limitations to the resilience of coral reefs. <i>Coral Reefs</i> , 2016, 35, 1271-1280.	2.2	44
38	Anthropogenic effects are associated with a lower persistence of marine food webs. <i>Nature Communications</i> , 2016, 7, 10737.	12.8	35
39	A global biodiversity estimate of a poorly known taxon: phylum Tardigrada. <i>Zoological Journal of the Linnean Society</i> , 2016, 178, 730-736.	2.3	34
40	Comment on "Can We Name Earth's Species Before They Go Extinct?" <i>Science</i> , 2013, 341, 237-237.	12.6	31
41	Dredging in the Spratly Islands: Gaining Land but Losing Reefs. <i>PLoS Biology</i> , 2016, 14, e1002422.	5.6	30
42	The tree-lined path to carbon neutrality. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 332-332.	29.7	28
43	Latitudinal patterns of species diversity on South American rocky shores: Local processes lead to contrasting trends in regional and local species diversity. <i>Journal of Biogeography</i> , 2020, 47, 1966-1979.	3.0	26
44	Coral reef quality and recreation fees in marine protected areas. <i>Conservation Letters</i> , 2010, 3, 38-44.	5.7	23
45	Revisiting the Environmental and Socioeconomic Effects of Population Growth: a Fundamental but Fading Issue in Modern Scientific, Public, and Political Circles. <i>Ecology and Society</i> , 2014, 19, .	2.3	22
46	Manta ray tourism: interpersonal and social values conflicts, sanctions, and management. <i>Journal of Sustainable Tourism</i> , 2017, 25, 1367-1384.	9.2	15
47	Anthropogenic footprints on biodiversity. , 2013, , 239-258.		12
48	Multi-scale patterns and processes in reef fish abundance. , 2015, , 116-124.		11
49	Degradation of Caribbean coral reefs: focusing on proximal rather than ultimate drivers. Reply to Rogers. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 199-200.	2.6	9
50	Snorkeling and scuba diving with manta rays: encounters, norms, crowding, satisfaction, and displacement. <i>Human Dimensions of Wildlife</i> , 2018, 23, 461-473.	1.8	9
51	Mora et al. reply. <i>Nature</i> , 2014, 511, E5-E6.	27.8	8
52	Measuring conservation success with missing Marine Protected Area boundaries: A case study in the Coral Triangle. <i>Ecological Indicators</i> , 2016, 60, 119-124.	6.3	8
53	Mora et al. reply. <i>Nature Climate Change</i> , 2019, 9, 658-659.	18.8	3
54	An inexpensive robotic gantry to screen and control soil moisture for plant experiments. <i>HardwareX</i> , 2021, 9, e00174.	2.2	2

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55	Comprehensive temperature controller with internet connectivity for plant growth experiments. HardwareX, 2021, 10, e00238.	2.2	2
56	Comment on "Global Correlations in Tropical Tree Species Richness and Abundance Reject Neutrality". Science, 2012, 336, 1639-1639.	12.6	1