

Renata Ferrari

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,279
citations

346980

22
h-index

371746

37
g-index

39
all docs

39
docs citations

39
times ranked

3458
citing authors

#	ARTICLE	IF	CITATIONS
1	A Protocol for Extracting Structural Metrics From 3D Reconstructions of Corals. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	11
2	Spatial compositional turnover varies with trophic level and body size in marine assemblages of micro- and macroorganisms. <i>Global Ecology and Biogeography</i> , 2022, 31, 1556-1570.	2.7	2
3	Photogrammetry as a tool to improve ecosystem restoration. <i>Trends in Ecology and Evolution</i> , 2021, 36, 1093-1101.	4.2	17
4	Review and meta-analysis of the importance of remotely sensed habitat structural complexity in marine ecology. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 235, 106468.	0.9	18
5	3D Imaging Insights into Forests and Coral Reefs. <i>Trends in Ecology and Evolution</i> , 2020, 35, 6-9.	4.2	36
6	Refugia under threat: Mass bleaching of coral assemblages in high-latitude eastern Australia. <i>Global Change Biology</i> , 2019, 25, 3918-3931.	4.2	56
7	Strong fish assemblage patterns persist over sixteen years in a warming marine park, even with tropical shifts. <i>Biological Conservation</i> , 2019, 232, 152-163.	1.9	9
8	Optimising Sampling Strategies in Coral Reefs Using Large-Area Mosaics. <i>Remote Sensing</i> , 2019, 11, 2907.	1.8	13
9	Wave energy drives biotic patterns beyond the surf zone: Factors influencing abundance and occurrence of mobile fauna adjacent to subtropical beaches. <i>Regional Studies in Marine Science</i> , 2019, 25, 100467.	0.4	8
10	The global distribution and trajectory of tidal flats. <i>Nature</i> , 2019, 565, 222-225.	13.7	552
11	Key drivers of effectiveness in small marine protected areas. <i>Biodiversity and Conservation</i> , 2018, 27, 2217-2242.	1.2	23
12	Habitat structural complexity metrics improve predictions of fish abundance and distribution. <i>Ecography</i> , 2018, 41, 1077-1091.	2.1	61
13	The role of satellite remote sensing in structured ecosystem risk assessments. <i>Science of the Total Environment</i> , 2018, 619-620, 249-257.	3.9	93
14	Integrating distribution models and habitat classification maps into marine protected area planning. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 212, 40-50.	0.9	23
15	Fish-smart seawalls: a decision tool for adaptive management of marine infrastructure. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, 278-287.	1.9	36
16	Large-scale assessment of benthic communities across multiple marine protected areas using an autonomous underwater vehicle. <i>PLoS ONE</i> , 2018, 13, e0193711.	1.1	19
17	The hidden structure in coral reefs. <i>Coral Reefs</i> , 2017, 36, 445-445.	0.9	13
18	Using multiple lines of evidence to assess the risk of ecosystem collapse. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170660.	1.2	46

#	ARTICLE	IF	CITATIONS
19	Characterization of measurement errors using structure-from-motion and photogrammetry to measure marine habitat structural complexity. <i>Ecology and Evolution</i> , 2017, 7, 5669-5681.	0.8	49
20	3D photogrammetry quantifies growth and external erosion of individual coral colonies and skeletons. <i>Scientific Reports</i> , 2017, 7, 16737.	1.6	82
21	Quantifying Multiscale Habitat Structural Complexity: A Cost-Effective Framework for Underwater 3D Modelling. <i>Remote Sensing</i> , 2016, 8, 113.	1.8	80
22	Integrating Seafloor Habitat Mapping and Fish Assemblage Patterns Improves Spatial Management Planning in a Marine Park. <i>Journal of Coastal Research</i> , 2016, 75, 1292-1296.	0.1	12
23	Quantifying the response of structural complexity and community composition to environmental change in marine communities. <i>Global Change Biology</i> , 2016, 22, 1965-1975.	4.2	81
24	Asymmetric competition prevents the outbreak of an opportunistic species after coral reef degradation. <i>Oecologia</i> , 2016, 181, 161-173.	0.9	18
25	Australian sea-floor survey data, with images and expert annotations. <i>Scientific Data</i> , 2015, 2, 150057.	2.4	31
26	Accuracy and Precision of Habitat Structural Complexity Metrics Derived from Underwater Photogrammetry. <i>Remote Sensing</i> , 2015, 7, 16883-16900.	1.8	133
27	A Standardised Vocabulary for Identifying Benthic Biota and Substrata from Underwater Imagery: The CATAMI Classification Scheme. <i>PLoS ONE</i> , 2015, 10, e0141039.	1.1	163
28	Walk the talk, don't eat it: a call for sustainable seafood leadership from marine scientists. <i>Environmental Conservation</i> , 2015, 42, 102-103.	0.7	2
29	Variable Responses of Benthic Communities to Anomalously Warm Sea Temperatures on a High-Latitude Coral Reef. <i>PLoS ONE</i> , 2014, 9, e113079.	1.1	37
30	Life-history traits of a common Caribbean coral-excavating sponge, <i>Cliona tenuis</i> (Porifera). <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 411, 10-19.	0.2	11
31	Fishing down a Caribbean food web relaxes trophic cascades. <i>Marine Ecology - Progress Series</i> , 2012, 445, 13-24.	0.9	107
32	Impacts of macroalgal competition and parrotfish predation on the growth of a common bioeroding sponge. <i>Marine Ecology - Progress Series</i> , 2012, 444, 133-142.	0.9	38
33	Size matters in competition between corals and macroalgae. <i>Marine Ecology - Progress Series</i> , 2012, 467, 77-88.	0.9	54
34	Interaction of herbivory and seasonality on the dynamics of Caribbean macroalgae. <i>Coral Reefs</i> , 2012, 31, 683-692.	0.9	64
35	The effectiveness of different meso-scale rugosity metrics for predicting intra-habitat variation in coral-reef fish assemblages. <i>Environmental Biology of Fishes</i> , 2012, 94, 431-442.	0.4	88
36	Connectivity of Caribbean coral populations: complementary insights from empirical and modelled gene flow. <i>Molecular Ecology</i> , 2012, 21, 1143-1157.	2.0	162

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37	Biotic and multi-scale abiotic controls of habitat quality: their effect on coral-reef fishes. Marine Ecology - Progress Series, 2011, 437, 201-214.	0.9	31