Mehdi Adjeroud

List of Publications by Year
in descending order

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81 papers	3,263 citations	126907 33 h-index	161849 54 g-index
85 all docs	85 docs citations	85 times ranked	2823 citing authors

#	Article	IF	Citations
1	Impact of near-future ocean warming and acidification on the larval development of coral-eating starfish Acanthaster cf. solaris after parental exposure. Journal of Experimental Marine Biology and Ecology, 2022, 548, 151685.	1.5	4
2	Underwater photogrammetry reveals new links between coral reefscape traits and fishes that ensure key functions. Ecosphere, 2022, 13, .	2.2	7
3	Scaling up calcification, respiration, and photosynthesis rates of six prominent coral taxa. Ecology and Evolution, 2022, 12, e8613.	1.9	7
4	Two Hidden mtDNA-Clades of Crown-of-Thorns Starfish in the Pacific Ocean. Frontiers in Marine Science, 2022, 9, .	2.5	3
5	The war of corals: patterns, drivers and implications of changing coral competitive performances across reef environments. Royal Society Open Science, 2022, 9, .	2.4	4
6	Quantifying the shelter capacity of coral reefs using photogrammetric 3D modeling: From colonies to reefscapes. Ecological Indicators, 2021, 121, 107151.	6.3	35
7	Unexplored Refugia with High Cover of Scleractinian Leptoseris spp. and Hydrocorals Stylaster flabelliformis at Lower Mesophotic Depths (75â€“100 m) on Lava Flows at Reunion Island (Southwestern) Tj ETQq1 1 0.784314 rgBT	1.7	6
8	Juvenile corals underpin coral reef carbonate production after disturbance. Global Change Biology, 2021, 27, 2623-2632.	9.5	21
9	Which Method for Which Purpose? A Comparison of Line Intercept Transect and Underwater Photogrammetry Methods for Coral Reef Surveys. Frontiers in Marine Science, 2021, 8, .	2.5	19
10	Spatial Patterns of Coral Community Structure in the Toliara Region of Southwest Madagascar and Implications for Conservation and Management. Diversity, 2021, 13, 486.	1.7	2
11	Temperature affects the reproductive outputs of coral-eating starfish Acanthaster spp. after adult exposure to near-future ocean warming and acidification. Marine Environmental Research, 2020, 162, 105164.	2.5	17
12	Diversity, structure and demography of coral assemblages on underwater lava flows of different ages at Reunion Island and implications for ecological succession hypotheses. Scientific Reports, 2020, 10, 20821.	3.3	9
13	Citizen Science, a promising tool for detecting and monitoring outbreaks of the crown-of-thorns starfish Acanthaster spp.. Scientific Reports, 2020, 10, 291.	3.3	16
14	Extension of the known distribution of the scleractinian coral Leptoseris troglodyta to the southwestern Indian Ocean: new record from mesophotic caves in Mayotte. Bulletin of Marine Science, 2020, 96, 783-784.	0.8	2
15	Socialâ€“environmental drivers inform strategic management of coral reefs in the Anthropocene. Nature Ecology and Evolution, 2019, 3, 1341-1350.	7.8	175
16	Assessing key ecosystem functions through soundscapes: A new perspective from coral reefs. Ecological Indicators, 2019, 107, 105623.	6.3	36
17	Recent and old duplications in crustaceans â€œInternal Transcribed Spacer 1â€³: structural and phylogenetic implications. Molecular Biology Reports, 2019, 46, 5185-5195.	2.3	3
18	Multiscale variability in coral recruitment in the Mascarene Islands: From centimetric to geographical scale. PLoS ONE, 2019, 14, e0214163.	2.5	13

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19	Spatial Patterns and Short-term Changes of Coral Assemblages Along a Cross-shelf Gradient in the Southwestern Lagoon of New Caledonia. Diversity, 2019, 11, 21.	1.7	19
20	Thermal regime and host clade, rather than geography, drive Symbiodinium and bacterial assemblages in the scleractinian coral Pocillopora damicornis sensu lato. Microbiome, 2018, 6, 39.	11.1	100
21	Critical Information Gaps Impeding Understanding of the Role of Larval Connectivity Among Coral Reef Islands in an Era of Global Change. Frontiers in Marine Science, 2018, 5, .	2.5	18
22	Protists Within Corals: The Hidden Diversity. Frontiers in Microbiology, 2018, 9, 2043.	3.5	39
23	Recovery of coral assemblages despite acute and recurrent disturbances on a South Central Pacific reef. Scientific Reports, 2018, 8, 9680.	3.3	93
24	The chaotic history of using vinegar injections to control Acanthaster spp. populations. A comment to BostrÃ¶m-Einarsson L., Bonin M. C., Moon S. and Firth S. (2018). Environmental impact monitoring of household vinegar-injections to cull crown-of-thorns starfish, Acanthaster spp. Ocean & Coastal Management 155: 83-89. Ocean and Coastal Management, 2018, 165, 434-435.	4.4	0
25	Ephemeral and Localized Outbreaks of the Coral Predator cf. in the Southwestern Lagoon of New Caledonia. Zoological Studies, 2018, 57, e4.	0.3	4
26	Importance of Recruitment Processes in the Dynamics and Resilience of Coral Reef Assemblages. , 2017, , 549-569.		28
27	Bias associated with the detectability of the coral-eating pest crown-of-thorns seastar and implications for reef management. Royal Society Open Science, 2017, 4, 170396.	2.4	9
28	Multi-species consumer jams and the fall of guarded corals to crown-of-thorns seastar outbreaks. F1000Research, 2017, 6, 1991.	1.6	0
29	Multi-species consumer jams and the fall of guarded corals to crown-of-thorns seastar outbreaks. F1000Research, 2017, 6, 1991.	1.6	0
30	High resilience masks underlying sensitivity to algal phase shifts of Pacific coral reefs. Oikos, 2016, 125, 644-655.	2.7	74
31	Reefs at the edge: coral community structure around Rapa, southernmost French Polynesia. Marine Ecology, 2016, 37, 565-575.	1.1	6
32	Timing within the reproduction cycle modulates the efficiency of village-based crown-of-thorns starfish removal. Biological Conservation, 2016, 204, 237-246.	4.1	9
33	Localised and limited impact of a dredging operation on coral cover in the northwestern lagoon of New Caledonia. Marine Pollution Bulletin, 2016, 105, 208-214.	5.0	4
34	Coral reef fish assemblages at Clipperton Atoll (Eastern Tropical Pacific) and their relationship with coral cover. Scientia Marina, 2016, 80, 479.	0.6	9
35	Genetic connectivity of the coralâ€eating sea star A canthaster planci during the severe outbreak of 2006â€“2009 in the S ociety I slands, F rench P olynesia. Marine Ecology, 2015, 36, 668-678.	1.1	30
36	Lime Juice and Vinegar Injections as a Cheap and Natural Alternative to Control COTS Outbreaks. PLoS ONE, 2015, 10, e0137605.	2.5	12

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37	Searching for the best bet in life-strategy: A quantitative approach to individual performance and population dynamics in reef-building corals. Ecological Complexity, 2015, 23, 73-84.	2.9	46
38	The size-structure of corals with contrasting life-histories: A multi-scale analysis across environmental conditions. Marine Environmental Research, 2015, 112, 131-139.	2.5	13
39	Genetic diversity, clonality and connectivity in the scleractinian coral Pocillopora damicornis: a multi-scale analysis in an insular, fragmented reef system. Marine Biology, 2014, 161, 531-541.	1.5	52
40	Natural spatial variability of algal endosymbiont density in the coralAcropora globiceps: a small-scale approach along environmental gradients around Moorea (French Polynesia). Journal of the Marine Biological Association of the United Kingdom, 2014, 94, 65-74.	0.8	21
41	Persistence and Change in Community Composition of Reef Corals through Present, Past, and Future Climates. PLoS ONE, 2014, 9, e107525.	2.5	75
42	Thermal Stress Triggers Broad Pocillopora damicornis Transcriptomic Remodeling, while Vibrio coralliilyticus Infection Induces a More Targeted Immuno-Suppression Response. PLoS ONE, 2014, 9, e107672.	2.5	80
43	Coral assemblages in Tonga: spatial patterns, replenishment capacities, and implications for conservation strategies. Environmental Monitoring and Assessment, 2013, 185, 5763-5773.	2.7	5
44	Relative importance of recruitment and post-settlement processes in the maintenance of coral assemblages in an insular, fragmented reef system. Marine Ecology - Progress Series, 2013, 473, 149-162.	1.9	31
45	Response of coral assemblages to thermal stress: are bleaching intensity and spatial patterns consistent between events?. Environmental Monitoring and Assessment, 2013, 185, 5031-5042.	2.7	46
46	Small-Scale Habitat Structure Modulates the Effects of No-Take Marine Reserves for Coral Reef Macroinvertebrates. PLoS ONE, 2013, 8, e58998.	2.5	22
47	Post-settlement growth and mortality rates of juvenile scleractinian corals in Moorea, French Polynesia versus Trunk Reef, Australia. Marine Ecology - Progress Series, 2013, 488, 157-170.	1.9	31
48	Predator Crown-of-Thorns Starfish (Acanthaster planci) Outbreak, Mass Mortality of Corals, and Cascading Effects on Reef Fish and Benthic Communities. PLoS ONE, 2012, 7, e47363.	2.5	258
49	Physiological responses of the scleractinian coral Pocillopora damicornis to bacterial stress from Vibrio coralliilyticus. Journal of Experimental Biology, 2011, 214, 1533-1545.	1.7	93
50	Effects of predators and grazers exclusion on early post-settlement coral mortality. Hydrobiologia, 2011, 663, 259-264.	2.0	46
51	Associational refuges among corals mediate impacts of a crown-of-thorns starfish Acanthaster planci outbreak. Coral Reefs, 2011, 30, 827-837.	2.2	43
52	Innate Immune Responses of a Scleractinian Coral to Vibriosis. Journal of Biological Chemistry, 2011, 286, 22688-22698.	3.4	101
53	Spatial patterns and recruitment processes of coral assemblages among contrasting environmental conditions in the southwestern lagoon of New Caledonia. Marine Pollution Bulletin, 2010, 61, 375-386.	5.0	24
54	Early post-settlement mortality and the structure of coral assemblages. Marine Ecology - Progress Series, 2010, 408, 55-64.	1.9	148

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55	Crucial knowledge gaps in current understanding of climate change impacts on coral reef fishes. Journal of Experimental Biology, 2010, 213, 894-900.	1.7	82
56	Landscape-scale variation in coral recruitment in Moorea, French Polynesia. Marine Ecology - Progress Series, 2010, 414, 75-89.	1.9	52
57	High latitude, high coral diversity at Rapa, in southernmost French Polynesia. Coral Reefs, 2009, 28, 459-459.	2.2	3
58	Recurrent disturbances, recovery trajectories, and resilience of coral assemblages on a South Central Pacific reef. Coral Reefs, 2009, 28, 775-780.	2.2	219
59	Coral bleaching under thermal stress: putative involvement of host/symbiont recognition mechanisms. BMC Physiology, 2009, 9, 14.	3.6	99
60	Reef structure regulates small-scale spatial variation in coral bleaching. Marine Ecology - Progress Series, 2008, 370, 127-141.	1.9	48
61	High spatial variability in coral bleaching around Moorea (French Polynesia): patterns across locations and water depths. Comptes Rendus - Biologies, 2007, 330, 171-181.	0.2	64
62	Spatio-temporal heterogeneity in coral recruitment around Moorea, French Polynesia: Implications for population maintenance. Journal of Experimental Marine Biology and Ecology, 2007, 341, 204-218.	1.5	70
63	Small-scale variability in the size structure of scleractinian corals around Moorea, French Polynesia: patterns across depths and locations. Hydrobiologia, 2007, 589, 117-126.	2.0	41
64	Spatial patterns of benthic invertebrate assemblages within atoll lagoons: importance of habitat heterogeneity and considerations for marine protected area design in French Polynesia. Aquatic Living Resources, 2006, 19, 207-217.	1.2	18
65	Sexual reproduction of Acropora reef corals at Moorea, French Polynesia. Coral Reefs, 2006, 25, 93-97.	2.2	48
66	Detecting the effects of natural disturbances on coral assemblages in French Polynesia: A decade survey at multiple scales. Aquatic Living Resources, 2005, 18, 111-123.	1.2	45
67	A review of selected indicators of particle, nutrient and metal inputs in coral reef lagoon systems. Aquatic Living Resources, 2005, 18, 125-147.	1.2	32
68	Human-induced physical disturbances and their indicators on coral reef habitats: A multi-scale approach. Aquatic Living Resources, 2005, 18, 215-230.	1.2	47
69	Patterns of genetic variation do not correlate with geographical distance in the reef-building coral Pocillopora meandrina in the South Pacific. Molecular Ecology, 2005, 14, 1861-1868.	3.9	86
70	Development of coral and zooxanthella-specific microsatellites in three species of Pocillopora (Cnidaria, Scleractinia) from French Polynesia. Molecular Ecology Notes, 2004, 4, 206-208.	1.7	42
71	Spatial variability of the biogeochemical composition of surface sediments in an insular coral reef ecosystem: Moorea, French Polynesia. Estuarine, Coastal and Shelf Science, 2004, 60, 515-528.	2.1	17
72	Spatial structure of coral reef fish communities in the Ryukyu Islands, southern Japan. Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie, 2003, 26, 537-547.	0.7	39

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73	Natural disturbances and interannual variability of coral reef communities on the outer slope of Tiahura (Moorea, French Polynesia): 1991 to 1997. Marine Ecology - Progress Series, 2002, 237, 121-131.	1.9	63
74	Physical factors of differentiation in macrobenthic communities between atoll lagoons in the Central Tuamotu Archipelago (French Polynesia). Marine Ecology - Progress Series, 2000, 196, 25-38.	1.9	27
75	Factors influencing spatial distribution of fish communities on a fringing reef at Mauritius, S.W. Indian Ocean. Environmental Biology of Fishes, 1998, 53, 169-182.	1.0	31
76	Objectives and background to the 1994 Franco-Australian expedition to Taiaro Atoll (Tuamotu) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.2	12
77	Title is missing!. Hydrobiologia, 1997, 356, 11-19.	2.0	3
78	Factors influencing spatial patterns on coral reefs around Moorea, French Polynesia. Marine Ecology - Progress Series, 1997, 159, 105-119.	1.9	70
79	RÃ©partition spatiale des Chaetodontidae dans diffÃ©rents secteurs rÃ©cifaux de lâ€™Ã®le de Moorea, PolynÃ©sie franÃ§aise. Ecoscience, 1995, 2, 129-140.	1.4	11
80	Gene expression plasticity and frontloading promote thermotolerance in Pocillopora corals. , 0, 2, .		9
81	Spatial and temporal patterns in the coral assemblage at Clipperton Atoll: a sentinel reef in the Eastern Tropical Pacific. Coral Reefs, 0, , .	2.2	0