

# Craig Humphrey

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

2,809  
citations

257429

24  
h-index

289230

40  
g-index

40  
all docs

40  
docs citations

40  
times ranked

3344  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for de novo acquisition of microalgal symbionts by bleached adult corals. ISME Journal, 2022, 16, 1676-1679.	9.8	16
2	Efficacy of chemical treatments for Acropora-eating flatworm infestations. Aquaculture, 2021, 532, 735978.	3.5	4
3	Co-culture with grazers can improve survival and growth of multiple coral species. Aquaculture, 2021, 544, 737095.	3.5	4
4	Parasites and coral-associated invertebrates that impact coral health. Reviews in Aquaculture, 2020, 12, 2284-2303.	9.0	14
5	Biological controls to manage Acropora-eating flatworms in coral aquaculture. Aquaculture Environment Interactions, 2020, 12, 61-66.	1.8	11
6	The Life Cycle of the Acropora Coral-Eating Flatworm (AEFW), <i>Prosthlostomum acroporae</i> ; The Influence of Temperature and Management Guidelines. Frontiers in Marine Science, 2019, 6, .	2.5	5
7	Elucidating an optimal diet for captive Acropora corals. Aquaculture, 2019, 513, 734420.	3.5	9
8	The effect of dissolved nickel and copper on the adult coral <i>Acropora muricata</i> and its microbiome. Environmental Pollution, 2019, 250, 792-806.	7.5	25
9	Functional genomic analysis of corals from natural CO <sub>2</sub> seeps reveals core molecular responses involved in acclimatization to ocean acidification. Global Change Biology, 2018, 24, 158-171.	9.5	62
10	Comparing the capacity of five different dietary treatments to optimise growth and nutritional composition in two scleractinian corals. PLoS ONE, 2018, 13, e0207956.	2.5	17
11	Intra-colonial diversity in the scleractinian coral, <i>Acropora millepora</i> : identifying the nutritional gradients underlying physiological integration and compartmentalised functioning. PeerJ, 2018, 6, e4239.	2.0	17
12	Diel CO <sub>2</sub> cycles reduce severity of behavioural abnormalities in coral reef fish under ocean acidification. Scientific Reports, 2017, 7, 10153.	3.3	62
13	Influence of different feeding regimes on the survival, growth, and biochemical composition of <i>Acropora</i> coral recruits. PLoS ONE, 2017, 12, e0188568.	2.5	22
14	Biochemical responses to ocean acidification contrast between tropical corals with high and low abundances at volcanic carbon dioxide seeps. ICES Journal of Marine Science, 2016, 73, 897-909.	2.5	26
15	Natural volcanic CO <sub>2</sub> seeps reveal future trajectories for host-microbial associations in corals and sponges. ISME Journal, 2015, 9, 894-908.	9.8	268
16	Expression of calcification and metabolism-related genes in response to elevated pCO <sub>2</sub> and temperature in the reef-building coral <i>Acropora millepora</i> . Marine Genomics, 2015, 24, 313-318.	1.1	27
17	Intra-annual variation in turbidity in response to terrestrial runoff on near-shore coral reefs of the Great Barrier Reef. Estuarine, Coastal and Shelf Science, 2013, 116, 57-65.	2.1	93
18	Near-future ocean acidification causes differences in microbial associations within diverse coral reef taxa. Environmental Microbiology Reports, 2013, 5, 243-251.	2.4	64

#	ARTICLE	IF	CITATIONS
19	Does Trophic Status Enhance or Reduce the Thermal Tolerance of Scleractinian Corals? A Review, Experiment and Conceptual Framework. PLoS ONE, 2013, 8, e54399.	2.5	52
20	Symbiodinium Community Composition in Scleractinian Corals Is Not Affected by Life-Long Exposure to Elevated Carbon Dioxide. PLoS ONE, 2013, 8, e63985.	2.5	29
21	A bioindicator system for water quality on inshore coral reefs of the Great Barrier Reef. Marine Pollution Bulletin, 2012, 65, 320-332.	5.0	97
22	Interactive effects of climate change and eutrophication on the dinoflagellate-bearing benthic foraminifer <i>Marginopora vertebralis</i> . Coral Reefs, 2012, 31, 401-414.	2.2	53
23	Losers and winners in coral reefs acclimatized to elevated carbon dioxide concentrations. Nature Climate Change, 2011, 1, 165-169.	18.8	856
24	Investigation of the mud crab ( <i>Scylla serrata</i> ) as a potential bio-monitoring species for tropical coastal marine environments of Australia. Marine Pollution Bulletin, 2010, 60, 283-290.	5.0	34
25	Importance of wave-induced bed liquefaction in the fine sediment budget of Cleveland Bay, Great Barrier Reef. Estuarine, Coastal and Shelf Science, 2010, 89, 154-162.	2.1	100
26	Chemical and Physical Environmental Conditions Underneath Mat- and Canopy-Forming Macroalgae, and Their Effects on Understorey Corals. PLoS ONE, 2010, 5, e12685.	2.5	41
27	Effects of suspended sediments, dissolved inorganic nutrients and salinity on fertilisation and embryo development in the coral <i>Acropora millepora</i> (Ehrenberg, 1834). Coral Reefs, 2008, 27, 837-850.	2.2	86
28	Wet season fine sediment dynamics on the inner shelf of the Great Barrier Reef. Estuarine, Coastal and Shelf Science, 2008, 77, 755-762.	2.1	67
29	Temporal dynamics in coral bioindicators for water quality on coastal coral reefs of the Great Barrier Reef. Marine and Freshwater Research, 2008, 59, 703.	1.3	47
30	Gradients in water column nutrients, sediment parameters, irradiance and coral reef development in the Whitsunday Region, central Great Barrier Reef. Estuarine, Coastal and Shelf Science, 2007, 74, 458-470.	2.1	102
31	A multibiomarker approach in barramundi ( <i>Lates calcarifer</i> ) to measure exposure to contaminants in estuaries of tropical North Queensland. Marine Pollution Bulletin, 2007, 54, 1569-1581.	5.0	44
32	Insecticides and a fungicide affect multiple coral life stages. Marine Ecology - Progress Series, 2007, 330, 127-137.	1.9	76
33	Effects of the herbicide diuron on the early life history stages of coral. Marine Pollution Bulletin, 2005, 51, 370-383.	5.0	150
34	BARRAMUNDI AS AN INDICATOR SPECIES FOR ENVIRONMENTAL MONITORING IN NORTH QUEENSLAND, AUSTRALIA: LABORATORY VERSUS FIELD STUDIES. Environmental Toxicology and Chemistry, 2004, 23, 2737.	4.3	9
35	Ambon Damsel ( <i>Pomacentrus amboinensis</i> ) as a Bioindicator Organism for the Great Barrier Reef: Responses to Chlorpyrifos. Bulletin of Environmental Contamination and Toxicology, 2004, 72, 888-95.	2.7	10
36	Toxicity of chlorpyrifos to the early life history stages of eastern rainbowfish <i>Melanotaenia splendida splendida</i> (Peters 1866) in tropical Australia. Environmental Toxicology, 2003, 18, 418-427.	4.0	26

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37	Early development and growth of the eastern rainbowfish, <i>Melanotaenia splendida splendida</i> (Peters). I. Morphogenesis and ontogeny. <i>Marine and Freshwater Research</i> , 2003, 54, 17.	1.3	23
38	Early development and growth of the eastern rainbowfish, <i>Melanotaenia splendida splendida</i> (Peters). II. Otolith development, increment validation and larval growth. <i>Marine and Freshwater Research</i> , 2003, 54, 105.	1.3	10
39	Toxic contaminants and their biological effects in coastal waters of Xiamen, China.. <i>Marine Pollution Bulletin</i> , 2002, 44, 752-760.	5.0	86
40	Toxic contaminants and their biological effects in coastal waters of Xiamen, China.. <i>Marine Pollution Bulletin</i> , 2002, 44, 761-769.	5.0	65