

# David G Bourne

## List of Publications by Year in descending order

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169  
papers

14,601  
citations

18436

62  
h-index

23472

111  
g-index

183  
all docs

183  
docs citations

183  
times ranked

8967  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into the Coral Microbiome: Underpinning the Health and Resilience of Reef Ecosystems. <i>Annual Review of Microbiology</i> , 2016, 70, 317-340.	2.9	600
2	The coral core microbiome identifies rare bacterial taxa as ubiquitous endosymbionts. <i>ISME Journal</i> , 2015, 9, 2261-2274.	4.4	548
3	Beneficial Microorganisms for Corals (BMC): Proposed Mechanisms for Coral Health and Resilience. <i>Frontiers in Microbiology</i> , 2017, 8, 341.	1.5	425
4	Coral-Associated Bacteria and Their Role in the Biogeochemical Cycling of Sulfur. <i>Applied and Environmental Microbiology</i> , 2009, 75, 3492-3501.	1.4	395
5	Microbial disease and the coral holobiont. <i>Trends in Microbiology</i> , 2009, 17, 554-562.	3.5	360
6	Enzymatic pathway for the bacterial degradation of the cyanobacterial cyclic peptide toxin microcystin LR. <i>Applied and Environmental Microbiology</i> , 1996, 62, 4086-4094.	1.4	347
7	Rapid adaptive responses to climate change in corals. <i>Nature Climate Change</i> , 2017, 7, 627-636.	8.1	327
8	Seagrass ecosystems reduce exposure to bacterial pathogens of humans, fishes, and invertebrates. <i>Science</i> , 2017, 355, 731-733.	6.0	319
9	Diversity of bacteria associated with the coral <i>Pocillopora damicornis</i> from the Great Barrier Reef. <i>Environmental Microbiology</i> , 2005, 7, 1162-1174.	1.8	301
10	Corals Form Characteristic Associations with Symbiotic Nitrogen-Fixing Bacteria. <i>Applied and Environmental Microbiology</i> , 2012, 78, 3136-3144.	1.4	275
11	Marine probiotics: increasing coral resistance to bleaching through microbiome manipulation. <i>ISME Journal</i> , 2019, 13, 921-936.	4.4	269
12	Natural volcanic CO <sub>2</sub> seeps reveal future trajectories for host-microbial associations in corals and sponges. <i>ISME Journal</i> , 2015, 9, 894-908.	4.4	268
13	Coral-associated bacteria demonstrate phylosymbiosis and cophylogeny. <i>Nature Communications</i> , 2018, 9, 4921.	5.8	264
14	Differential specificity between closely related corals and abundant <i>Endozoicomonas</i> endosymbionts across global scales. <i>ISME Journal</i> , 2017, 11, 186-200.	4.4	259
15	DMSP biosynthesis by an animal and its role in coral thermal stress response. <i>Nature</i> , 2013, 502, 677-680.	13.7	258
16	Characterisation of a gene cluster involved in bacterial degradation of the cyanobacterial toxin microcystin LR. <i>Environmental Toxicology</i> , 2001, 16, 523-534.	2.1	244
17	Coral Pathogens Identified for White Syndrome (WS) Epizootics in the Indo-Pacific. <i>PLoS ONE</i> , 2008, 3, e2393.	1.1	235
18	Degradation of the cyanobacterial hepatotoxin microcystin by aquatic bacteria. <i>Natural Toxins</i> , 1994, 2, 228-235.	1.0	228

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19	Diversities of coral-associated bacteria differ with location, but not species, for three acroporid corals on the Great Barrier Reef. <i>FEMS Microbiology Ecology</i> , 2009, 68, 152-163.	1.3	224
20	<i>Vibrio</i> infections triggering mass mortality events in a warming Mediterranean Sea. <i>Environmental Microbiology</i> , 2010, 12, 2007-2019.	1.8	217
21	Do the organic sulfur compounds DMSP and DMS drive coral microbial associations?. <i>Trends in Microbiology</i> , 2010, 18, 101-108.	3.5	203
22	Comparison of pmoA PCR Primer Sets as Tools for Investigating Methanotroph Diversity in Three Danish Soils. <i>Applied and Environmental Microbiology</i> , 2001, 67, 3802-3809.	1.4	202
23	Sediment and Turbidity Associated with Offshore Dredging Increase Coral Disease Prevalence on Nearby Reefs. <i>PLoS ONE</i> , 2014, 9, e102498.	1.1	197
24	Metagenomic analysis of the coral holobiont during a natural bleaching event on the Great Barrier Reef. <i>Environmental Microbiology Reports</i> , 2011, 3, 651-660.	1.0	195
25	The microbiome in threatened species conservation. <i>Biological Conservation</i> , 2019, 229, 85-98.	1.9	185
26	Nutrient Availability and Metabolism Affect the Stability of Coral-Symbiodiniaceae Symbioses. <i>Trends in Microbiology</i> , 2019, 27, 678-689.	3.5	182
27	A bacterial pathogen uses dimethylsulfoniopropionate as a cue to target heat-stressed corals. <i>ISME Journal</i> , 2014, 8, 999-1007.	4.4	180
28	A genomic view of the reef-building coral <i>Porites lutea</i> and its microbial symbionts. <i>Nature Microbiology</i> , 2019, 4, 2090-2100.	5.9	160
29	Symbiodinium genomes reveal adaptive evolution of functions related to coral-dinoflagellate symbiosis. <i>Communications Biology</i> , 2018, 1, 95.	2.0	154
30	Biodegradation of the cyanobacterial toxin microcystin LR in natural water and biologically active slow sand filters. <i>Water Research</i> , 2006, 40, 1294-1302.	5.3	151
31	Coral reef invertebrate microbiomes correlate with the presence of photosymbionts. <i>ISME Journal</i> , 2013, 7, 1452-1458.	4.4	146
32	Microbial indicators of environmental perturbations in coral reef ecosystems. <i>Microbiome</i> , 2019, 7, 94.	4.9	126
33	The Urgent Need for Robust Coral Disease Diagnostics. <i>PLoS Pathogens</i> , 2011, 7, e1002183.	2.1	124
34	Isolation of an antimicrobial compound produced by bacteria associated with reef-building corals. <i>PeerJ</i> , 2016, 4, e2275.	0.9	122
35	Seasonal Rainfall and Runoff Promote Coral Disease on an Inshore Reef. <i>PLoS ONE</i> , 2011, 6, e16893.	1.1	117
36	Coral Probiotics: Premise, Promise, Prospects. <i>Annual Review of Animal Biosciences</i> , 2021, 9, 265-288.	3.6	113

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37	Responses of coral-associated bacterial communities to heat stress differ with <i>Symbiodinium</i> type on the same coral host. <i>Molecular Ecology</i> , 2010, 19, 1978-1990.	2.0	112
38	Extending the natural adaptive capacity of coral holobionts. <i>Nature Reviews Earth &amp; Environment</i> , 2021, 2, 747-762.	12.2	110
39	Elevated temperature and light enhance progression and spread of black band disease on staghorn corals of the Great Barrier Reef. <i>Marine Biology</i> , 2007, 151, 1711-1720.	0.7	106
40	Dynamics of seasonal outbreaks of black band disease in an assemblage of <i>Montipora</i> species at Pelorus Island (Great Barrier Reef, Australia). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2795-2803.	1.2	105
41	Bacterial diversity in the bacterioneuston (sea surface microlayer): the bacterioneuston through the looking glass. <i>Environmental Microbiology</i> , 2005, 7, 723-736.	1.8	104
42	Onset and establishment of diazotrophs and other bacterial associates in the early life history stages of the coral <i>Acropora millepora</i> . <i>Molecular Ecology</i> , 2014, 23, 4682-4695.	2.0	104
43	Genomic and proteomic analyses of the coral pathogen <i>Vibrio coralliilyticus</i> reveal a diverse virulence repertoire. <i>ISME Journal</i> , 2011, 5, 1471-1483.	4.4	103
44	Microbial indicators as a diagnostic tool for assessing water quality and climate stress in coral reef ecosystems. <i>Marine Biology</i> , 2017, 164, 1.	0.7	101
45	Successional changes in bacterial communities during the development of black band disease on the reef coral, <i>Montipora hispida</i> . <i>ISME Journal</i> , 2010, 4, 203-214.	4.4	94
46	Nutrient cycling in early coral life stages: <i>Pocillopora damicornis</i> larvae provide their algal symbiont ( <i>Symbiodinium</i> ) with nitrogen acquired from bacterial associates. <i>Ecology and Evolution</i> , 2013, 3, 2393-2400.	0.8	94
47	Molecular methods for the study of methanotroph ecology. <i>FEMS Microbiology Ecology</i> , 1998, 27, 103-114.	1.3	90
48	<i>Vibrio</i> Zinc-Metalloprotease Causes Photoinactivation of Coral Endosymbionts and Coral Tissue Lesions. <i>PLoS ONE</i> , 2009, 4, e4511.	1.1	89
49	The transcriptomic response of the coral <i>Acropora digitifera</i> to a competent <i>Symbiodinium</i> strain: the symbiosome as an arrested early phagosome. <i>Molecular Ecology</i> , 2016, 25, 3127-3141.	2.0	88
50	Host-Microbe Coevolution: Applying Evidence from Model Systems to Complex Marine Invertebrate Holobionts. <i>MBio</i> , 2019, 10, .	1.8	88
51	Amplicon pyrosequencing reveals spatial and temporal consistency in diazotroph assemblages of the <i>Acropora millepora</i> microbiome. <i>Environmental Microbiology</i> , 2014, 16, 3345-3359.	1.8	84
52	Novel Alkane Hydroxylase Gene ( <i>alkB</i> ) Diversity in Sediments Associated with Hydrocarbon Seeps in the Timor Sea, Australia. <i>Applied and Environmental Microbiology</i> , 2009, 75, 7391-7398.	1.4	80
53	The coral immune response facilitates protection against microbes during tissue regeneration. <i>Molecular Ecology</i> , 2015, 24, 3390-3404.	2.0	75
54	Isolation of lytic bacteriophage against <i>Vibrio harveyi</i> . <i>Journal of Applied Microbiology</i> , 2010, 108, 1744-1750.	1.4	74

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55	Subcellular tracking reveals the location of dimethylsulfoniopropionate in microalgae and visualises its uptake by marine bacteria. <i>ELife</i> , 2017, 6, .	2.8	74
56	Biomedicinals from the phytosymbionts of marine invertebrates: A molecular approach. <i>Methods</i> , 2007, 42, 358-376.	1.9	70
57	Towards a better understanding of white syndromes and their causes on Indo-Pacific coral reefs. <i>Coral Reefs</i> , 2015, 34, 233-242.	0.9	70
58	Coral-associated bacterial communities on Ningaloo Reef, Western Australia. <i>FEMS Microbiology Ecology</i> , 2011, 75, 134-144.	1.3	69
59	Disentangling causation: complex roles of coral-associated microorganisms in disease. <i>Environmental Microbiology</i> , 2018, 20, 431-449.	1.8	69
60	Coral-Bacterial Communities before and after a Coral Mass Spawning Event on Ningaloo Reef. <i>PLoS ONE</i> , 2012, 7, e36920.	1.1	68
61	Microbial community dynamics in a larval aquaculture system of the tropical rock lobster, <i>Panulirus ornatus</i> . <i>Aquaculture</i> , 2004, 242, 31-51.	1.7	67
62	Integrated approach to understanding the onset and pathogenesis of black band disease in corals. <i>Environmental Microbiology</i> , 2016, 18, 752-765.	1.8	67
63	Microbial processes driving coral reef organic carbon flow. <i>FEMS Microbiology Reviews</i> , 2017, 41, 575-595.	3.9	67
64	Coral larvae for restoration and research: a large-scale method for rearing <i>Acropora millepora</i> larvae, inducing settlement, and establishing symbiosis. <i>PeerJ</i> , 2017, 5, e3732.	0.9	67
65	Exploring the diversity-stability paradigm using sponge microbial communities. <i>Scientific Reports</i> , 2018, 8, 8425.	1.6	66
66	Phage therapy treatment of the coral pathogen <i>Vibrio coralliilyticus</i> . <i>MicrobiologyOpen</i> , 2013, 2, 64-74.	1.2	64
67	Bacterial communities of juvenile corals infected with different Symbiodinium (dinoflagellate) clades. <i>Marine Ecology - Progress Series</i> , 2009, 389, 45-59.	0.9	63
68	Identification of a Ciliate (Oligohymenophorea: Scuticociliatia) Associated with Brown Band Disease on Corals of the Great Barrier Reef. <i>Applied and Environmental Microbiology</i> , 2008, 74, 883-888.	1.4	62
69	Changes in sulfate-reducing bacterial populations during the onset of black band disease. <i>ISME Journal</i> , 2011, 5, 559-564.	4.4	61
70	Disentangling the effect of host-genotype and environment on the microbiome of the coral <i>Acropora tenuis</i> . <i>PeerJ</i> , 2019, 7, e6377.	0.9	60
71	Reduced diversity and stability of coral-associated bacterial communities and suppressed immune function precedes disease onset in corals. <i>Royal Society Open Science</i> , 2019, 6, 190355.	1.1	59
72	Molecular identification, typing and tracking of <i>Vibrio harveyi</i> in aquaculture systems: Current methods and future prospects. <i>Aquaculture</i> , 2009, 287, 1-10.	1.7	58

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73	Molecular Delineation of Species in the Coral Holobiont. <i>Advances in Marine Biology</i> , 2012, 63, 1-65.	0.7	58
74	Coral Reef Bacterial Communities. , 2013, , 163-187.		58
75	A single cyanobacterial ribotype is associated with both red and black bands on diseased corals from Palau. <i>Diseases of Aquatic Organisms</i> , 2006, 69, 111-118.	0.5	57
76	Localization, abundance and community structure of bacteria associated with Artemia: Effects of nauplii enrichment and antimicrobial treatment. <i>Aquaculture</i> , 2009, 293, 278-285.	1.7	55
77	Antimicrobial and stress responses to increased temperature and bacterial pathogen challenge in the holobiont of a reef-building coral. <i>Molecular Ecology</i> , 2018, 27, 1065-1080.	2.0	53
78	Marine microbial communities of the Great Barrier Reef lagoon are influenced by riverine floodwaters and seasonal weather events. <i>PeerJ</i> , 2016, 4, e1511.	0.9	53
79	White Syndrome-Affected Corals Have a Distinct Microbiome at Disease Lesion Fronts. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	52
80	Biofilm development within a larval rearing tank of the tropical rock lobster, <i>Panulirus ornatus</i> . <i>Aquaculture</i> , 2006, 260, 27-38.	1.7	51
81	Intergenerational Transfer of Specific Bacteria in Corals and Possible Implications for Offspring Fitness. <i>Microbial Ecology</i> , 2013, 65, 227-231.	1.4	51
82	Microbiological assessment of a disease outbreak on corals from Magnetic Island (Great Barrier Reef.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	0.9	49
83	Pathogenicity and Infection Cycle of <i>Vibrio owensii</i> in Larviculture of the Ornate Spiny Lobster ( <i>Panulirus ornatus</i> ). <i>Applied and Environmental Microbiology</i> , 2012, 78, 2841-2849.	1.4	49
84	Allelochemicals Produced by Brown Macroalgae of the <i>Lobophora</i> Genus Are Active against Coral Larvae and Associated Bacteria, Supporting Pathogenic Shifts to <i>Vibrio</i> Dominance. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	47
85	Biogeochemical conditions determine virulence of black band disease in corals. <i>ISME Journal</i> , 2012, 6, 1526-1534.	4.4	45
86	Insights into the Cultured Bacterial Fraction of Corals. <i>MSystems</i> , 2021, 6, e0124920.	1.7	45
87	Crown-of-thorns starfish predation and physical injuries promote brown band disease on corals. <i>Coral Reefs</i> , 2014, 33, 705-716.	0.9	44
88	Genomic signatures in the coral holobiont reveal host adaptations driven by Holocene climate change and reef specific symbionts. <i>Science Advances</i> , 2020, 6, .	4.7	44
89	Microbial Diversity within Early-Stage Cultured <i>Panulirus ornatus</i> Phyllosomas. <i>Applied and Environmental Microbiology</i> , 2007, 73, 1940-1951.	1.4	43
90	Diversity and stability of coral endolithic microbial communities at a naturally high $\text{CO}_2$ reef. <i>Molecular Ecology</i> , 2017, 26, 5344-5357.	2.0	43

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91	Diverse coral reef invertebrates exhibit patterns of phyllosymbiosis. <i>ISME Journal</i> , 2020, 14, 2211-2222.	4.4	43
92	An Improved Detection and Quantification Method for the Coral Pathogen <i>Vibrio coralliilyticus</i> . <i>PLoS ONE</i> , 2013, 8, e81800.	1.1	43
93	Effects of temperature and light on the progression of black band disease on the reef coral, <i>Montipora hispida</i> . <i>Coral Reefs</i> , 2011, 30, 753.	0.9	42
94	Fluorescent oligonucleotide rDNA probes for specific detection of methane oxidising bacteria. <i>FEMS Microbiology Ecology</i> , 2000, 31, 29-38.	1.3	40
95	Zooxanthellae Harvested by Ciliates Associated with Brown Band Syndrome of Corals Remain Photosynthetically Competent. <i>Applied and Environmental Microbiology</i> , 2007, 73, 1968-1975.	1.4	40
96	Unravelling the links between heat stress, bleaching and disease: fate of tabular corals following a combined disease and bleaching event. <i>Coral Reefs</i> , 2019, 38, 591-603.	0.9	40
97	Comparative genome-centric analysis reveals seasonal variation in the function of coral reef microbiomes. <i>ISME Journal</i> , 2020, 14, 1435-1450.	4.4	40
98	Microbial diversity in sediments associated with a shallow methane seep in the tropical Timor Sea of Australia reveals a novel aerobic methanotroph diversity. <i>FEMS Microbiology Ecology</i> , 2009, 68, 142-151.	1.3	39
99	The use of PCR to aid in the rapid identification of <i>Vibrio harveyi</i> isolates. <i>Journal of Applied Microbiology</i> , 2003, 95, 1293-1303.	1.4	37
100	Coral-mucus-associated <i>Vibrio</i> integrons in the Great Barrier Reef: genomic hotspots for environmental adaptation. <i>ISME Journal</i> , 2011, 5, 962-972.	4.4	37
101	Customized Medicine for Corals. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	37
102	Imaging the uptake of nitrogen-fixing bacteria into larvae of the coral <i>Acropora millepora</i> . <i>ISME Journal</i> , 2016, 10, 1804-1808.	4.4	36
103	Unraveling the microbial processes of black band disease in corals through integrated genomics. <i>Scientific Reports</i> , 2017, 7, 40455.	1.6	36
104	The microbiome of the octocoral <i>Lobophytum pauciflorum</i> : minor differences between sexes and resilience to short-term stress. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	36
105	Diversity of deep-water coral-associated bacteria and comparison across depth gradients. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	36
106	Symbiodiniaceae probiotics for use in bleaching recovery. <i>Restoration Ecology</i> , 2020, 28, 282-288.	1.4	36
107	Rehabilitation of coral reefs through removal of macroalgae: state of knowledge and considerations for management and implementation. <i>Restoration Ecology</i> , 2018, 26, 827-838.	1.4	35
108	<i>Cymo melanodactylus</i> crabs slow progression of white syndrome lesions on corals. <i>Coral Reefs</i> , 2013, 32, 43-48.	0.9	33

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109	Comparative immune responses of corals to stressors associated with offshore reef-based tourist platforms. , 2015, 3, cov032.		33
110	Implications of Ocean Acidification for Marine Microorganisms from the Free-Living to the Host-Associated. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	33
111	Transcriptomic analysis reveals protein homeostasis breakdown in the coral <i>Acropora millepora</i> during hypo-saline stress. <i>BMC Genomics</i> , 2019, 20, 148.	1.2	33
112	Sediment microbial community analysis: Establishing impacts of aquaculture on a tropical mangrove ecosystem. <i>Aquaculture</i> , 2009, 297, 91-98.	1.7	32
113	Bacterial communities associated with healthy and <i>Acropora</i> white syndrome-affected corals from American Samoa. <i>FEMS Microbiology Ecology</i> , 2012, 80, 509-520.	1.3	32
114	Phylogeny of the coral pathogen <i>Vibrio coralliilyticus</i> . <i>Environmental Microbiology Reports</i> , 2010, 2, 172-178.	1.0	31
115	Coral Diversity and the Severity of Disease Outbreaks: A Cross-Regional Comparison of <i>Acropora</i> White Syndrome in a Species-Rich Region (American Samoa) with a Species-Poor Region (Northwestern Hawaiian Islands). <i>Journal of Marine Biology</i> , 2011, 2011, 1-8.	1.0	31
116	<i>In situ</i> visualization of bacterial populations in coral tissues: pitfalls and solutions. <i>PeerJ</i> , 2016, 4, e2424.	0.9	31
117	Elevated seawater temperatures have a limited impact on the coral immune response following physical damage. <i>Hydrobiologia</i> , 2015, 759, 201-214.	1.0	30
118	Co-dynamics of Symbiodiniaceae and bacterial populations during the first year of symbiosis with <i>Acropora tenuis</i> juveniles. <i>MicrobiologyOpen</i> , 2020, 9, e959.	1.2	30
119	Spatial patterns of microbial communities across surface waters of the Great Barrier Reef. <i>Communications Biology</i> , 2020, 3, 442.	2.0	30
120	Microbiome dynamics in the tissue and mucus of acroporid corals differ in relation to host and environmental parameters. <i>PeerJ</i> , 2020, 8, e9644.	0.9	30
121	Crown-of-Thorns Sea Star <i>Acanthaster cf. solaris</i> Has Tissue-Characteristic Microbiomes with Potential Roles in Health and Reproduction. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	29
122	Microenvironments and microbial community structure in sediments. <i>Environmental Microbiology</i> , 2002, 4, 97-105.	1.8	26
123	Elevated CO <sub>2</sub> Has Little Influence on the Bacterial Communities Associated With the pH-Tolerant Coral, Massive <i>Porites</i> spp.. <i>Frontiers in Microbiology</i> , 2018, 9, 2621.	1.5	26
124	Dual RNA-seq analyses of a coral and its native symbiont during the establishment of symbiosis. <i>Molecular Ecology</i> , 2020, 29, 3921-3937.	2.0	26
125	Abundance and morphology of virus-like particles associated with the coral <i>Acropora hyacinthus</i> differ between healthy and white syndrome-infected states. <i>Marine Ecology - Progress Series</i> , 2014, 510, 39-43.	0.9	26
126	Detection and Quantification of the Coral Pathogen <i>Vibrio coralliilyticus</i> by Real-Time PCR with TaqMan Fluorescent Probes. <i>Applied and Environmental Microbiology</i> , 2010, 76, 5282-5286.	1.4	25



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127	Screening Marine Fungi for Inhibitors of the C4 Plant Enzyme Pyruvate Phosphate Dikinase: Uinguinol as a Potential Novel Herbicide Candidate. <i>Applied and Environmental Microbiology</i> , 2007, 73, 1921-1927.	1.4	24
128	Pyrosequencing-based profiling of archaeal and bacterial 16S rRNA genes identifies a novel archaeon associated with black band disease in corals. <i>Environmental Microbiology</i> , 2013, 15, 2994-3007.	1.8	24
129	Microbial diversity within the water column of a larval rearing system for the ornate rock lobster ( <i>Panulirus ornatus</i> ). <i>Aquaculture</i> , 2006, 258, 80-90.	1.7	23
130	Establishing microbial baselines to identify indicators of coral reef health. <i>Microbiology Australia</i> , 2018, 39, 42.	0.1	23
131	Decadal erosion of coral assemblages by multiple disturbances in the Palm Islands, central Great Barrier Reef. <i>Scientific Reports</i> , 2018, 8, 11885.	1.6	23
132	Characterization of coral-associated microbial aggregates (CAMAs) within tissues of the coral <i>Acropora hyacinthus</i> . <i>Scientific Reports</i> , 2019, 9, 14662.	1.6	23
133	Crustose coralline algae that promote coral larval settlement harbor distinct surface bacterial communities. <i>Coral Reefs</i> , 2020, 39, 1703-1713.	0.9	23
134	Consensus Guidelines for Advancing Coral Holobiont Genome and Specimen Voucher Deposition. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	23
135	Transcriptomic analysis of the response of <i>Acropora millepora</i> to hypo-osmotic stress provides insights into DMSP biosynthesis by corals. <i>BMC Genomics</i> , 2017, 18, 612.	1.2	22
136	Settlement of larvae from four families of corals in response to a crustose coralline alga and its biochemical morphogens. <i>Scientific Reports</i> , 2020, 10, 16397.	1.6	22
137	Phytoplankton, bacterioplankton and virioplankton structure and function across the southern Great Barrier Reef shelf. <i>Journal of Marine Systems</i> , 2015, 142, 25-39.	0.9	21
138	Probiotics for coral aquaculture: challenges and considerations. <i>Current Opinion in Biotechnology</i> , 2022, 73, 380-386.	3.3	21
139	Efficient COI barcoding using high throughput single-end 400bp sequencing. <i>BMC Genomics</i> , 2020, 21, 862.	1.2	19
140	Microbiome-mediated mechanisms contributing to the environmental tolerance of reef invertebrate species. <i>Marine Biology</i> , 2021, 168, 1.	0.7	19
141	Sulfur-oxidizing bacterial populations within cyanobacterial dominated coral disease lesions. <i>Environmental Microbiology Reports</i> , 2013, 5, 518-524.	1.0	18
142	Vibrionaceae infection in phyllosomas of the tropical rock lobster <i>Panulirus ornatus</i> as detected by fluorescence in situ hybridisation. <i>Aquaculture</i> , 2006, 255, 173-178.	1.7	17
143	Newly characterized distinct phases of the coral disease "atramentous necrosis" on the Great Barrier Reef. <i>Diseases of Aquatic Organisms</i> , 2008, 81, 255-259.	0.5	17
144	DMSP Production by Coral-Associated Bacteria. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	17

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145	Cyanotoxins are not implicated in the etiology of coral black band disease outbreaks on Pelorus Island, Great Barrier Reef. <i>FEMS Microbiology Ecology</i> , 2010, 73, no-no.	1.3	16
146	High diversity of microplankton surrounds deep-water coral reef in the Norwegian Sea. <i>FEMS Microbiology Ecology</i> , 2012, 82, 75-89.	1.3	16
147	Visualization of coral host-pathogen interactions using a stable GFP-labeled <i>Vibrio coralliilyticus</i> strain. <i>Coral Reefs</i> , 2015, 34, 655-662.	0.9	16
148	Microbial diversity of mid-stage Palinurid phyllosoma from Great Barrier Reef waters. <i>Journal of Applied Microbiology</i> , 2008, 105, 340-350.	1.4	15
149	Delivering Beneficial Microorganisms for Corals: Rotifers as Carriers of Probiotic Bacteria. <i>Frontiers in Microbiology</i> , 2020, 11, 608506.	1.5	15
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