

# Christian R Voolstra

## List of Publications by Year in descending order

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Version: 2024-02-01

244  
papers

17,767  
citations

13865

67  
h-index

20358

116  
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297  
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297  
docs citations

297  
times ranked

8828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic Revision of Symbiodiniaceae Highlights the Antiquity and Diversity of Coral Endosymbionts. <i>Current Biology</i> , 2018, 28, 2570-2580.e6.	3.9	1,242
2	Bacterial community dynamics are linked to patterns of coral heat tolerance. <i>Nature Communications</i> , 2017, 8, 14213.	12.8	529
3	Nitrogen cycling in corals: the key to understanding holobiont functioning?. <i>Trends in Microbiology</i> , 2015, 23, 490-497.	7.7	413
4	Differential gene expression during thermal stress and bleaching in the Caribbean coral <i>Montastraea faveolata</i> . <i>Molecular Ecology</i> , 2008, 17, 3952-3971.	3.9	379
5	Bacterial diversity and White Plague Disease-associated community changes in the Caribbean coral <i>Montastraea faveolata</i> . <i>ISME Journal</i> , 2009, 3, 512-521.	9.8	364
6	The genome of <i>Aiptasia</i> , a sea anemone model for coral symbiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11893-11898.	7.1	359
7	Rapid adaptive responses to climate change in corals. <i>Nature Climate Change</i> , 2017, 7, 627-636.	18.8	327
8	Genomes of coral dinoflagellate symbionts highlight evolutionary adaptations conducive to a symbiotic lifestyle. <i>Scientific Reports</i> , 2016, 6, 39734.	3.3	303
9	The Microbiome of the Red Sea Coral <i>Stylophora pistillata</i> Is Dominated by Tissue-Associated Endozoicomonas Bacteria. <i>Applied and Environmental Microbiology</i> , 2013, 79, 4759-4762.	3.1	291
10	Assessing <i>Symbiodinium</i> diversity in scleractinian corals via next-generation sequencing-based genotyping of the ITS2 rDNA region. <i>Molecular Ecology</i> , 2014, 23, 4418-4433.	3.9	284
11	Diversity and function of prevalent symbiotic marine bacteria in the genus <i>Endozoicomonas</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8315-8324.	3.6	277
12	Differential specificity between closely related corals and abundant <i>Endozoicomonas</i> endosymbionts across global scales. <i>ISME Journal</i> , 2017, 11, 186-200.	9.8	259
13	Coral bacterial community structure responds to environmental change in a host-specific manner. <i>Nature Communications</i> , 2019, 10, 3092.	12.8	224
14	Symbiodinium Transcriptomes: Genome Insights into the Dinoflagellate Symbionts of Reef-Building Corals. <i>PLoS ONE</i> , 2012, 7, e35269.	2.5	221
15	<i>Endozoicomonas</i> genomes reveal functional adaptation and plasticity in bacterial strains symbiotically associated with diverse marine hosts. <i>Scientific Reports</i> , 2017, 7, 40579.	3.3	207
16	SymPortal: A novel analytical framework and platform for coral algal symbiont next-generation sequencing ITS2 profiling. <i>Molecular Ecology Resources</i> , 2019, 19, 1063-1080.	4.8	205
17	Coral microbial community dynamics in response to anthropogenic impacts near a major city in the central Red Sea. <i>Marine Pollution Bulletin</i> , 2016, 105, 629-640.	5.0	197
18	Ancestral genetic diversity associated with the rapid spread of stress-tolerant coral symbionts in response to Holocene climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4416-4421.	7.1	194

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19	Metaorganisms in extreme environments: do microbes play a role in organismal adaptation?. <i>Zoology</i> , 2018, 127, 1-19.	1.2	194
20	Transcriptomic responses to heat stress and bleaching in the elkhorn coral <i>Acropora palmata</i> . <i>Marine Ecology - Progress Series</i> , 2010, 402, 97-113.	1.9	191
21	Nutrient Availability and Metabolism Affect the Stability of Coral–Symbiodiniaceae Symbioses. <i>Trends in Microbiology</i> , 2019, 27, 678-689.	7.7	182
22	Heat stress destabilizes symbiotic nutrient cycling in corals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	179
23	Thermal refugia against coral bleaching throughout the northern Red Sea. <i>Global Change Biology</i> , 2018, 24, e474-e484.	9.5	177
24	Rare symbionts may contribute to the resilience of coral–algal assemblages. <i>ISME Journal</i> , 2018, 12, 161-172.	9.8	174
25	Comparative genomics explains the evolutionary success of reef-forming corals. <i>ELife</i> , 2016, 5, .	6.0	169
26	Microbiome structure of the fungid coral <i>Ctenactis echinata</i> aligns with environmental differences. <i>Molecular Ecology</i> , 2015, 24, 3501-3511.	3.9	162
27	Biogeography and molecular diversity of coral symbionts in the genus <i>Symbiodinium</i> around the Arabian Peninsula. <i>Journal of Biogeography</i> , 2017, 44, 674-686.	3.0	160
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.	13.3	160
29	<i>Symbiodinium</i> genomes reveal adaptive evolution of functions related to coral-dinoflagellate symbiosis. <i>Communications Biology</i> , 2018, 1, 95.	4.4	154
30	Adapting with Microbial Help: Microbiome Flexibility Facilitates Rapid Responses to Environmental Change. <i>BioEssays</i> , 2020, 42, e2000004.	2.5	146
31	Spatio-Temporal Analyses of <i>Symbiodinium</i> Physiology of the Coral <i>Pocillopora verrucosa</i> along Large-Scale Nutrient and Temperature Gradients in the Red Sea. <i>PLoS ONE</i> , 2014, 9, e103179.	2.5	144
32	Ocean One: A Robotic Avatar for Oceanic Discovery. <i>IEEE Robotics and Automation Magazine</i> , 2016, 23, 20-29.	2.0	144
33	Gene Expression Variation Resolves Species and Individual Strains among Coral-Associated Dinoflagellates within the Genus <i>Symbiodinium</i> . <i>Genome Biology and Evolution</i> , 2016, 8, 665-680.	2.5	144
34	Effects of temperature on gene expression in embryos of the coral <i>Montastraea faveolata</i> . <i>BMC Genomics</i> , 2009, 10, 627.	2.8	140
35	Bicarbonate transporters in corals point towards a key step in the evolution of cnidarian calcification. <i>Scientific Reports</i> , 2015, 5, 9983.	3.3	137
36	Coral host transcriptomic states are correlated with <i>Symbiodinium</i> genotypes. <i>Molecular Ecology</i> , 2010, 19, 1174-1186.	3.9	136

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37	Bacterial profiling of White Plague Disease in a comparative coral species framework. ISME Journal, 2014, 8, 31-39.	9.8	136
38	Epigenome-associated phenotypic acclimatization to ocean acidification in a reef-building coral. Science Advances, 2018, 4, eaar8028.	10.3	135
39	Blind to morphology: genetics identifies several widespread ecologically common species and few endemics among Indo-Pacific cauliflower corals ( <i>Pocillopora</i> , Scleractinia). Journal of Biogeography, 2013, 40, 1595-1608.	3.0	133
40	The host transcriptome remains unaltered during the establishment of coral-algal symbioses. Molecular Ecology, 2009, 18, 1823-1833.	3.9	130
41	Sugar enrichment provides evidence for a role of nitrogen fixation in coral bleaching. Global Change Biology, 2017, 23, 3838-3848.	9.5	130
42	Dominance of <i>Endozoicomonas</i> bacteria throughout coral bleaching and mortality suggests structural inflexibility of the <i>Pocillopora verrucosa</i> microbiome. Ecology and Evolution, 2018, 8, 2240-2252.	1.9	130
43	Coral reef survival under accelerating ocean deoxygenation. Nature Climate Change, 2020, 10, 296-307.	18.8	124
44	Coral life history and symbiosis: Functional genomic resources for two reef building Caribbean corals, <i>Acropora palmata</i> and <i>Montastraea faveolata</i> . BMC Genomics, 2008, 9, 97.	2.8	122
45	Long-term salinity tolerance is accompanied by major restructuring of the coral bacterial microbiome. Molecular Ecology, 2016, 25, 1308-1323.	3.9	121
46	Comparative analysis of the genomes of <i>Stylophora pistillata</i> and <i>Acropora digitifera</i> provides evidence for extensive differences between species of corals. Scientific Reports, 2017, 7, 17583.	3.3	121
47	Diatom modulation of select bacteria through use of two unique secondary metabolites. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27445-27455.	7.1	118
48	Standardized short-term acute heat stress assays resolve historical differences in coral thermotolerance across microhabitat reef sites. Global Change Biology, 2020, 26, 4328-4343.	9.5	114
49	Coral microbiome manipulation elicits metabolic and genetic restructuring to mitigate heat stress and evade mortality. Science Advances, 2021, 7, .	10.3	114
50	Rapid Evolution of Coral Proteins Responsible for Interaction with the Environment. PLoS ONE, 2011, 6, e20392.	2.5	114
51	Coral Probiotics: Premise, Promise, Prospects. Annual Review of Animal Biosciences, 2021, 9, 265-288.	7.4	113
52	Bacteria of the genus <i>Endozoicomonas</i> dominate the microbiome of the Mediterranean gorgonian coral <i>Eunicella cavolini</i> . Marine Ecology - Progress Series, 2013, 479, 75-84.	1.9	111
53	Extending the natural adaptive capacity of coral holobionts. Nature Reviews Earth & Environment, 2021, 2, 747-762.	29.7	110
54	Integrating microRNA and mRNA expression profiling in <i>Symbiodinium microadriaticum</i> , a dinoflagellate symbiont of reef-building corals. BMC Genomics, 2013, 14, 704.	2.8	109

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55	Location-Specific Responses to Thermal Stress in Larvae of the Reef-Building Coral <i>Montastraea faveolata</i> . PLoS ONE, 2010, 5, e11221.	2.5	108
56	Reefgenomics.Org - a repository for marine genomics data. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw152.	3.0	104
57	An improved primer set and amplification protocol with increased specificity and sensitivity targeting the <i>Symbiodinium</i> ITS2 region. PeerJ, 2018, 6, e4816.	2.0	102
58	The effect of surface colour on the formation of marine micro and macrofouling communities. Biofouling, 2013, 29, 617-627.	2.2	97
59	Down to the bone: the role of overlooked endolithic microbiomes in reef coral health. ISME Journal, 2020, 14, 325-334.	9.8	97
60	The Global Invertebrate Genomics Alliance (GIGA): Developing Community Resources to Study Diverse Invertebrate Genomes. Journal of Heredity, 2014, 105, 1-18.	2.4	96
61	In-situ Effects of Eutrophication and Overfishing on Physiology and Bacterial Diversity of the Red Sea Coral <i>Acropora hemprichii</i> . PLoS ONE, 2013, 8, e62091.	2.5	94
62	<i>Aiptasia</i> sp. larvae as a model to reveal mechanisms of symbiont selection in cnidarians. Scientific Reports, 2016, 6, 32366.	3.3	85
63	Bacterial profiling of <i>W</i> hite <i>P</i> lague Disease across corals and oceans indicates a conserved and distinct disease microbiome. Molecular Ecology, 2014, 23, 965-974.	3.9	83
64	In situ observations of coral bleaching in the central Saudi Arabian Red Sea during the 2015/2016 global coral bleaching event. PLoS ONE, 2018, 13, e0195814.	2.5	82
65	Designing a blueprint for coral reef survival. Biological Conservation, 2021, 257, 109107.	4.1	82
66	Coral microbiome diversity reflects mass coral bleaching susceptibility during the 2016 El Niño heat wave. Ecology and Evolution, 2019, 9, 938-956.	1.9	81
67	Coral transcriptome and bacterial community profiles reveal distinct Yellow Band Disease states in <i>Orbicella faveolata</i> . ISME Journal, 2014, 8, 2411-2422.	9.8	80
68	DNA methylation regulates transcriptional homeostasis of algal endosymbiosis in the coral model <i>Aiptasia</i> . Science Advances, 2018, 4, eaat2142.	10.3	77
69	<i>Spirochaetes</i> dominate the microbial community associated with the red coral <i>Corallium rubrum</i> on a broad geographic scale. Scientific Reports, 2016, 6, 27277.	3.3	76
70	Desert plant bacteria reveal host influence and beneficial plant growth properties. PLoS ONE, 2018, 13, e0208223.	2.5	76
71	Coral microbiome composition along the northern Red Sea suggests high plasticity of bacterial and specificity of endosymbiotic dinoflagellate communities. Microbiome, 2020, 8, 8.	11.1	75
72	Extensive phenotypic plasticity of a Red Sea coral over a strong latitudinal temperature gradient suggests limited acclimatization potential to warming. Scientific Reports, 2015, 5, 8940.	3.3	74

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73	Comparative Assessment of Mediterranean Gorgonian-Associated Microbial Communities Reveals Conserved Core and Locally Variant Bacteria. <i>Microbial Ecology</i> , 2017, 73, 466-478.	2.8	74
74	Using <i>Aiptasia</i> as a Model to Study Metabolic Interactions in Cnidarian-Symbiodinium Symbioses. <i>Frontiers in Physiology</i> , 2018, 9, 214.	2.8	72
75	From cholera to corals: Viruses as drivers of virulence in a major coral bacterial pathogen. <i>Scientific Reports</i> , 2016, 5, 17889.	3.3	70
76	Stable mucus-associated bacterial communities in bleached and healthy corals of <i>Porites lobata</i> from the Arabian Seas. <i>Scientific Reports</i> , 2017, 7, 45362.	3.3	70
77	Structural Molecular Components of Septate Junctions in Cnidarians Point to the Origin of Epithelial Junctions in Eukaryotes. <i>Molecular Biology and Evolution</i> , 2015, 32, 44-62.	8.9	69
78	Seasonal Stability in the Microbiomes of Temperate Gorgonians and the Red Coral <i>Corallium rubrum</i> Across the Mediterranean Sea. <i>Microbial Ecology</i> , 2018, 75, 274-288.	2.8	69
79	Increasing comparability among coral bleaching experiments. <i>Ecological Applications</i> , 2021, 31, e02262.	3.8	68
80	Contrasting heat stress response patterns of coral holobionts across the Red Sea suggest distinct mechanisms of thermal tolerance. <i>Molecular Ecology</i> , 2021, 30, 4466-4480.	3.9	68
81	Developmental transcriptome of <i>Aplysia californica</i> . <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2011, 316B, 113-134.	1.3	67
82	Distinct Bacterial Communities Associated with the Coral Model <i>Aiptasia</i> in Aposymbiotic and Symbiotic States with Symbiodinium. <i>Frontiers in Marine Science</i> , 2016, 3, .	2.5	67
83	Corals in the hottest reefs in the world exhibit symbiont fidelity not flexibility. <i>Molecular Ecology</i> , 2020, 29, 899-911.	3.9	67
84	Mesophotic coral depth acclimatization is a function of host-specific symbiont physiology. <i>Frontiers in Marine Science</i> , 2015, 2, .	2.5	66
85	Revealing microbial functional activities in the <i>Scleractinia</i> sponge <i>Sycon ciliatum</i> by metatranscriptomics. <i>Environmental Microbiology</i> , 2014, 16, 3683-3698.	3.8	64
86	Fast and pervasive transcriptomic resilience and acclimation of extremely heat-tolerant coral holobionts from the northern Red Sea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	63
87	Whole-Genome Sequences of Three Symbiotic <i>Endozoicomonas</i> Strains. <i>Genome Announcements</i> , 2014, 2, .	0.8	62
88	Identification and Gene Expression Analysis of a Taxonomically Restricted Cysteine-Rich Protein Family in Reef-Building Corals. <i>PLoS ONE</i> , 2009, 4, e4865.	2.5	62
89	Metatranscriptome analysis of the reef-building coral <i>Orbicella faveolata</i> indicates holobiont response to coral disease. <i>Frontiers in Marine Science</i> , 2015, 2, .	2.5	61
90	Hologenome analysis of two marine sponges with different microbiomes. <i>BMC Genomics</i> , 2016, 17, 158.	2.8	60

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91	Year-Long Monitoring of Physico-Chemical and Biological Variables Provide a Comparative Baseline of Coral Reef Functioning in the Central Red Sea. <i>PLoS ONE</i> , 2016, 11, e0163939.	2.5	59
92	Excess labile carbon promotes the expression of virulence factors in coral reef bacterioplankton. <i>ISME Journal</i> , 2018, 12, 59-76.	9.8	58
93	Condition-specific RNA editing in the coral symbiont <i>Symbiodinium microadriaticum</i> . <i>PLoS Genetics</i> , 2017, 13, e1006619.	3.5	57
94	Limits to physiological plasticity of the coral <i>Pocillopora verrucosa</i> from the central Red Sea. <i>Coral Reefs</i> , 2014, 33, 1115-1129.	2.2	56
95	Niche acclimatization in Red Sea corals is dependent on flexibility of host-symbiont association. <i>Marine Ecology - Progress Series</i> , 2015, 533, 149-161.	1.9	56
96	Genetic and spatial organization of the unusual chromosomes of the dinoflagellate <i>Symbiodinium microadriaticum</i> . <i>Nature Genetics</i> , 2021, 53, 618-629.	21.4	54
97	Resolving structure and function of metaorganisms through a holistic framework combining reductionist and integrative approaches. <i>Zoology</i> , 2019, 133, 81-87.	1.2	53
98	The role of floridoside in osmoadaptation of coral-associated algal endosymbionts to high-salinity conditions. <i>Science Advances</i> , 2017, 3, e1602047.	10.3	52
99	Worldwide Occurrence and Activity of the Reef-Building Coral Symbiont <i>Symbiodinium</i> in the Open Ocean. <i>Current Biology</i> , 2018, 28, 3625-3633.e3.	3.9	52
100	Nitrogen Fixation Aligns with <i>nifH</i> Abundance and Expression in Two Coral Trophic Functional Groups. <i>Frontiers in Microbiology</i> , 2017, 8, 1187.	3.5	51
101	Identification of Differentially Expressed Genes Involved in the Formation of Multicellular Tumor Spheroids by HT-29 Colon Carcinoma Cells. <i>Molecular Therapy</i> , 2007, 15, 94-102.	8.2	50
102	Development and heat stress-induced transcriptomic changes during embryogenesis of the scleractinian coral <i>Acropora palmata</i> . <i>Marine Genomics</i> , 2010, 3, 51-62.	1.1	49
103	First biological measurements of deep-sea corals from the Red Sea. <i>Scientific Reports</i> , 2013, 3, 2802.	3.3	49
104	Identification of MicroRNAs in the Coral <i>Stylophora pistillata</i> . <i>PLoS ONE</i> , 2014, 9, e91101.	2.5	49
105	The Tara Pacific expeditionâ€™s A pan-ecosystemic approach of the â€œ-omicsâ€™-complexity of coral reef holobionts across the Pacific Ocean. <i>PLoS Biology</i> , 2019, 17, e3000483.	5.6	48
106	Differential sensitivity of coral larvae to natural levels of ultraviolet radiation during the onset of larval competence. <i>Molecular Ecology</i> , 2011, 20, 2955-2972.	3.9	47
107	Corals exhibit distinct patterns of microbial reorganisation to thrive in an extreme inshore environment. <i>Coral Reefs</i> , 2020, 39, 701-716.	2.2	47
108	In-Situ Effects of Simulated Overfishing and Eutrophication on Benthic Coral Reef Algae Growth, Succession, and Composition in the Central Red Sea. <i>PLoS ONE</i> , 2013, 8, e66992.	2.5	47

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109	Rapid transcriptome and proteome profiling of a non-model marine invertebrate, <i>Bugula neritina</i> . <i>Proteomics</i> , 2010, 10, 2972-2981.	2.2	46
110	The Chloroplast Genome of a Symbiodinium sp. Clade C3 Isolate. <i>Protist</i> , 2014, 165, 1-13.	1.5	46
111	A journey into the wild of the cnidarian model system <i>Aiptasia</i> and its symbionts. <i>Molecular Ecology</i> , 2013, 22, 4366-4368.	3.9	45
112	Remarkably high and consistent tolerance of a Red Sea coral to acute and chronic thermal stress exposures. <i>Limnology and Oceanography</i> , 2021, 66, 1718-1729.	3.1	45
113	Insights into the Cultured Bacterial Fraction of Corals. <i>MSystems</i> , 2021, 6, e0124920.	3.8	45
114	Coral bleaching responses to climate change across biological scales. <i>Global Change Biology</i> , 2022, 28, 4229-4250.	9.5	44
115	Gene expression microarray analysis encompassing metamorphosis and the onset of calcification in the scleractinian coral <i>Montastraea faveolata</i> . <i>Marine Genomics</i> , 2009, 2, 149-159.	1.1	42
116	Engineering Strategies to Decode and Enhance the Genomes of Coral Symbionts. <i>Frontiers in Microbiology</i> , 2017, 8, 1220.	3.5	42
117	High salinity conveys thermotolerance in the coral model <i>Aiptasia</i> . <i>Biology Open</i> , 2017, 6, 1943-1948.	1.2	42
118	Expanding Tara Oceans Protocols for Underway, Ecosystemic Sampling of the Ocean-Atmosphere Interface During Tara Pacific Expedition (2016-2018). <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	42
119	Divergent expression of hypoxia response systems under deoxygenation in reef-forming corals aligns with bleaching susceptibility. <i>Global Change Biology</i> , 2021, 27, 312-326.	9.5	42
120	Coral reefs of the Red Sea—Challenges and potential solutions. <i>Regional Studies in Marine Science</i> , 2019, 25, 100498.	0.7	41
121	Absence of genetic differentiation in the coral <i>Pocillopora verrucosa</i> along environmental gradients of the Saudi Arabian Red Sea. <i>Frontiers in Marine Science</i> , 2015, 2, .	2.5	40
122	Environmental latitudinal gradients and host-specificity shape Symbiodiniaceae distribution in Red Sea <i>Porites</i> corals. <i>Journal of Biogeography</i> , 2019, 46, 2323-2335.	3.0	39
123	Fine-scale delineation of Symbiodiniaceae genotypes on a previously bleached central Red Sea reef system demonstrates a prevalence of coral host-specific associations. <i>Coral Reefs</i> , 2020, 39, 583-601.	2.2	39
124	Spatial and seasonal reef calcification in corals and calcareous crusts in the central Red Sea. <i>Coral Reefs</i> , 2016, 35, 681-693.	2.2	38
125	Prevalent and persistent viral infection in cultures of the coral algal endosymbiont Symbiodinium. <i>Coral Reefs</i> , 2017, 36, 773-784.	2.2	36
126	Coral holobiont cues prime <i>Endozoicomonas</i> for a symbiotic lifestyle. <i>ISME Journal</i> , 2022, 16, 1883-1895.	9.8	36



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127	Critical research needs for identifying future changes in Gulf coral reef ecosystems. <i>Marine Pollution Bulletin</i> , 2013, 72, 406-416.	5.0	35
128	Evidence for coral range expansion accompanied by reduced diversity of Symbiodinium genotypes. <i>Coral Reefs</i> , 2017, 36, 981-985.	2.2	35
129	Evidence for miRNA-mediated modulation of the host transcriptome in cnidarian-dinoflagellate symbiosis. <i>Molecular Ecology</i> , 2018, 27, 403-418.	3.9	35
130	Evolutionary analysis of orthologous cDNA sequences from cultured and symbiotic dinoflagellate symbionts of reef-building corals (Dinophyceae: Symbiodinium). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2009, 4, 67-74.	1.0	34
131	Science, Diplomacy, and the Red Sea's Unique Coral Reef: It's Time for Action. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	34
132	Alkaloids from the Sponge <i>Stylissa carteri</i> Present Prospective Scaffolds for the Inhibition of Human Immunodeficiency Virus 1 (HIV-1). <i>Marine Drugs</i> , 2016, 14, 28.	4.6	33
133	Microbial community composition of deep-sea corals from the Red Sea provides insight into functional adaption to a unique environment. <i>Scientific Reports</i> , 2017, 7, 44714.	3.3	33
134	Marine Invertebrate Larvae Associated with Symbiodinium: A Mutualism from the Start?. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	2.2	32
135	Differential Ecological Specificity of Protist and Bacterial Microbiomes across a Set of Termite Species. <i>Frontiers in Microbiology</i> , 2017, 8, 2518.	3.5	32
136	The Red Sea: Environmental Gradients Shape a Natural Laboratory in a Nascent Ocean. <i>Coral Reefs of the World</i> , 2019, , 1-10.	0.7	32
137	Projecting coral responses to intensifying marine heatwaves under ocean acidification. <i>Global Change Biology</i> , 2022, 28, 1753-1765.	9.5	32
138	Ecological and molecular characterization of a coral black band disease outbreak in the Red Sea during a bleaching event. <i>PeerJ</i> , 2018, 6, e5169.	2.0	32
139	Expression of a symbiosis-specific gene in <i>Symbiodinium</i> type A1 associated with coral, nudibranch and giant clam larvae. <i>Royal Society Open Science</i> , 2017, 4, 170253.	2.4	31
140	Disentangling the complex microbial community of coral reefs using standardized Autonomous Reef Monitoring Structures (ARMS). <i>Molecular Ecology</i> , 2019, 28, 3496-3507.	3.9	31
141	Laboratory-Cultured Strains of the Sea Anemone <i>Exaiptasia</i> Reveal Distinct Bacterial Communities. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	30
142	Genomic Blueprint of Glycine Betaine Metabolism in Coral Metaorganisms and Their Contribution to Reef Nitrogen Budgets. <i>IScience</i> , 2020, 23, 101120.	4.1	30
143	High salinity tolerance of the Red Sea coral <i>Fungia granulosa</i> under desalination concentrate discharge conditions: an in situ photophysiology experiment. <i>Frontiers in Marine Science</i> , 2014, 1, .	2.5	29
144	Distinct Bacterial Microbiomes Associate with the Deep-Sea Coral <i>Eguchipsammia fistula</i> from the Red Sea and from Aquaria Settings. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	29

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145	An in situ approach for measuring biogeochemical fluxes in structurally complex benthic communities. <i>Methods in Ecology and Evolution</i> , 2019, 10, 712-725.	5.2	29
146	An optimized embryonic stem cell model for consistent gene expression and developmental studies. A fundamental study. <i>Thrombosis and Haemostasis</i> , 2005, 94, 719-27.	3.4	28
147	Naturally occurring fire coral clones demonstrate a genetic and environmental basis of microbiome composition. <i>Nature Communications</i> , 2021, 12, 6402.	12.8	28
148	Stimulated Respiration and Net Photosynthesis in <i>Cassiopeia</i> sp. during Glucose Enrichment Suggests in hospite CO <sub>2</sub> Limitation of Algal Endosymbionts. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	27
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