

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
g-index

297
all docs

297
docs citations

297
times ranked

8828
citing authors

#	ARTICLE	IF	CITATIONS
1	Projecting coral responses to intensifying marine heatwaves under ocean acidification. <i>Global Change Biology</i> , 2022, 28, 1753-1765.	9.5	32
2	Contrasting Microbiome Dynamics of Putative Denitrifying Bacteria in Two Octocoral Species Exposed to Dissolved Organic Carbon (DOC) and Warming. <i>Applied and Environmental Microbiology</i> , 2022, 88, AEM0188621.	3.1	4
3	Heat stress reduces the contribution of diazotrophs to coral holobiont nitrogen cycling. <i>ISME Journal</i> , 2022, 16, 1110-1118.	9.8	21
4	Emergence of distinct syntenic density regimes is associated with early metazoan genomic transitions. <i>BMC Genomics</i> , 2022, 23, 143.	2.8	6
5	Urbanization comprehensively impairs biological rhythms in coral holobionts. <i>Global Change Biology</i> , 2022, 28, 3349-3364.	9.5	14
6	Empirically derived thermal thresholds of four coral species along the Red Sea using a portable and standardized experimental approach. <i>Coral Reefs</i> , 2022, 41, 239-252.	2.2	26
7	Stingray Venom Proteins: Mechanisms of Action Revealed Using a Novel Network Pharmacology Approach. <i>Marine Drugs</i> , 2022, 20, 27.	4.6	6
8	Coral holobiont cues prime <i>Endozoicomonas</i> for a symbiotic lifestyle. <i>ISME Journal</i> , 2022, 16, 1883-1895.	9.8	36
9	Coral bleaching responses to climate change across biological scales. <i>Global Change Biology</i> , 2022, 28, 4229-4250.	9.5	44
10	Widespread oxyregulation in tropical corals under hypoxia. <i>Marine Pollution Bulletin</i> , 2022, 179, 113722.	5.0	12
11	High light quantity suppresses locomotion in symbiotic <i>Aiptasia</i> . <i>Symbiosis</i> , 2022, 86, 293-304.	2.3	5
12	Disparate Inventories of Hypoxia Gene Sets Across Corals Align With Inferred Environmental Resilience. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	6
13	Methods and Strategies to Uncover Coral-Associated Microbial Dark Matter. <i>MSystems</i> , 2022, 7, .	3.8	13
14	Greater functional diversity and redundancy of coral endolithic microbiomes align with lower coral bleaching susceptibility. <i>ISME Journal</i> , 2022, 16, 2406-2420.	9.8	21
15	High summer temperatures amplify functional differences between coral and algae dominated reef communities. <i>Ecology</i> , 2021, 102, e03226.	3.2	15
16	Horizontal acquisition of Symbiodiniaceae in the <i>Anemonia viridis</i> (Cnidaria, Anthozoa) species complex. <i>Molecular Ecology</i> , 2021, 30, 391-405.	3.9	0
17	Increasing comparability among coral bleaching experiments. <i>Ecological Applications</i> , 2021, 31, e02262.	3.8	68
18	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

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19	Coral Probiotics: Premise, Promise, Prospects. <i>Annual Review of Animal Biosciences</i> , 2021, 9, 265-288.	7.4	113
20	High Summer Temperatures Amplify Functional Differences Between Coral- and Algae-Dominated Reef Communities. <i>Bulletin of the Ecological Society of America</i> , 2021, 102, e01822.	0.2	0
21	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
22	Evolutionary Cell Biology (ECB): Lessons, challenges, and opportunities for the integrative study of cell evolution. <i>Journal of Biosciences</i> , 2021, 46, 1.	1.1	3
23	Flexibility in Red Sea <i>Tridacna maxima</i> Symbiodiniaceae associations supports environmental niche adaptation. <i>Ecology and Evolution</i> , 2021, 11, 3393-3406.	1.9	7
24	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
25	Surface Topography, Bacterial Carrying Capacity, and the Prospect of Microbiome Manipulation in the Sea Anemone Coral Model <i>Aiptasia</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 637834.	3.5	21
26	Designing a blueprint for coral reef survival. <i>Biological Conservation</i> , 2021, 257, 109107.	4.1	82
27	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
28	Nitrogen fixation and denitrification activity differ between coral- and algae-dominated Red Sea reefs. <i>Scientific Reports</i> , 2021, 11, 11820.	3.3	10
29	Insights into the Cultured Bacterial Fraction of Corals. <i>MSystems</i> , 2021, 6, e0124920.	3.8	45
30	Relative abundance of nitrogen cycling microbes in coral holobionts reflects environmental nitrate availability. <i>Royal Society Open Science</i> , 2021, 8, 201835.	2.4	6
31	High plasticity of nitrogen fixation and denitrification of common coral reef substrates in response to nitrate availability. <i>Marine Pollution Bulletin</i> , 2021, 168, 112430.	5.0	4
32	A comparative baseline of coral disease in three regions along the Saudi Arabian coast of the central Red Sea. <i>PLoS ONE</i> , 2021, 16, e0246854.	2.5	14
33	Nutrient pollution enhances productivity and framework dissolution in algae- but not in coral-dominated reef communities. <i>Marine Pollution Bulletin</i> , 2021, 168, 112444.	5.0	7
34	Consensus Guidelines for Advancing Coral Holobiont Genome and Specimen Voucher Deposition. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	23
35	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
36	Coral microbiome manipulation elicits metabolic and genetic restructuring to mitigate heat stress and evade mortality. <i>Science Advances</i> , 2021, 7, .	10.3	114

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37	Symbiodinium microadriaticum (coral microalgal endosymbiont). Trends in Genetics, 2021, 37, 1044-1045.	6.7	3
38	Microbes support enhanced nitrogen requirements of coral holobionts in a high CO ₂ environment. Molecular Ecology, 2021, 30, 5888-5899.	3.9	14
39	Diel cycle of sea spray aerosol concentration. Nature Communications, 2021, 12, 5476.	12.8	5
40	Integrating environmental variability to broaden the research on coral responses to future ocean conditions. Global Change Biology, 2021, 27, 5532-5546.	9.5	23
41	Heat stress destabilizes symbiotic nutrient cycling in corals. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	179
42	Extending the natural adaptive capacity of coral holobionts. Nature Reviews Earth & Environment, 2021, 2, 747-762.	29.7	110
43	Highly Variable and Non-complex Diazotroph Communities in Corals From Ambient and High CO ₂ Environments. Frontiers in Marine Science, 2021, 8, .	2.5	5
44	Hypoxia as a physiological cue and a pathological stress for coral larvae. Molecular Ecology, 2021, , .	3.9	11
45	Naturally occurring fire coral clones demonstrate a genetic and environmental basis of microbiome composition. Nature Communications, 2021, 12, 6402.	12.8	28
46	Effects of Ocean Acidification on Resident and Active Microbial Communities of Stylophora pistillata. Frontiers in Microbiology, 2021, 12, 707674.	3.5	7
47	The many faced symbiotic snakelocks anemone (Anemonia viridis, Anthozoa): host and symbiont genetic differentiation among colour morphs. Heredity, 2020, 124, 351-366.	2.6	7
48	Tara Pacific Expedition's Atmospheric Measurements of Marine Aerosols across the Atlantic and Pacific Oceans: Overview and Preliminary Results. Bulletin of the American Meteorological Society, 2020, 101, E536-E554.	3.3	9
49	Down to the bone: the role of overlooked endolithic microbiomes in reef coral health. ISME Journal, 2020, 14, 325-334.	9.8	97
50	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
51	A framework for in situ molecular characterization of coral holobionts using nanopore sequencing. Scientific Reports, 2020, 10, 15893.	3.3	9
52	Coral-Associated Viral Assemblages From the Central Red Sea Align With Host Species and Contribute to Holobiont Genetic Diversity. Frontiers in Microbiology, 2020, 11, 572534.	3.5	16
53	Corals in the hottest reefs in the world exhibit symbiont fidelity not flexibility. Molecular Ecology, 2020, 29, 899-911.	3.9	67
54	Genomic Blueprint of Glycine Betaine Metabolism in Coral Metaorganisms and Their Contribution to Reef Nitrogen Budgets. IScience, 2020, 23, 101120.	4.1	30

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55	Shining light on deep-sea bioluminescence. Editorial comment on the highlight article "Biochemical characterization of diverse deep-sea anthozoan bioluminescence systems" by M. Bessho-Uehara et al. 2020. <i>Marine Biology</i> , 2020, 167, 1.	1.5	0
56	The Genome of the Cauliflower Coral <i>Pocillopora verrucosa</i> . <i>Genome Biology and Evolution</i> , 2020, 12, 1911-1917.	2.5	23
57	The World Coral Conservatory (WCC): A Noah's ark for corals to support survival of reef ecosystems. <i>PLoS Biology</i> , 2020, 18, e3000823.	5.6	20
58	Editorial: Coral Reefs in the Anthropocene " Reflecting on 20 Years of Reef Conservation UK. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	2
59	Low Symbiodiniaceae diversity in a turbid marginal reef environment. <i>Coral Reefs</i> , 2020, 39, 545-553.	2.2	19
60	Standardized short-term acute heat stress assays resolve historical differences in coral thermotolerance across microhabitat reef sites. <i>Global Change Biology</i> , 2020, 26, 4328-4343.	9.5	114
61	Adapting with Microbial Help: Microbiome Flexibility Facilitates Rapid Responses to Environmental Change. <i>BioEssays</i> , 2020, 42, e2000004.	2.5	146
62	Robustness to extinction and plasticity derived from mutualistic bipartite ecological networks. <i>Scientific Reports</i> , 2020, 10, 9783.	3.3	16
63	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
64	Coral reef survival under accelerating ocean deoxygenation. <i>Nature Climate Change</i> , 2020, 10, 296-307.	18.8	124
65	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
66	Coral Bleaching: A Colorful Struggle for Survival. <i>Current Biology</i> , 2020, 30, R768-R770.	3.9	4
67	Simultaneous Measurements of Dinitrogen Fixation and Denitrification Associated With Coral Reef Substrates: Advantages and Limitations of a Combined Acetylene Assay. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	6
68	High rates of carbon and dinitrogen fixation suggest a critical role of benthic pioneer communities in the energy and nutrient dynamics of coral reefs. <i>Functional Ecology</i> , 2020, 34, 1991-2004.	3.6	11
69	Coral microbiome composition along the northern Red Sea suggests high plasticity of bacterial and specificity of endosymbiotic dinoflagellate communities. <i>Microbiome</i> , 2020, 8, 8.	11.1	75
70	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
71	Advanced identification of global bioactivity hotspots via screening of the metabolic fingerprint of entire ecosystems. <i>Scientific Reports</i> , 2020, 10, 1319.	3.3	17
72	The coral holobiont highlights the dependence of cnidarian animal hosts on their associated microbes. , 2020, , 91-118.		23

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73	In situ eutrophication stimulates dinitrogen fixation, denitrification, and productivity in Red Sea coral reefs. <i>Marine Ecology - Progress Series</i> , 2020, 645, 55-66.	1.9	20
74	A Closing Window of Opportunity to Save a Unique Marine Ecosystem. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	7
75	Marine Aerosols: Measurements by the Tara Pacific Expedition. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, 499-504.	3.3	0
76	Salinity-Conveyed Thermotolerance in the Coral Model <i>Aiptasia</i> Is Accompanied by Distinct Changes of the Bacterial Microbiome. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	7
77	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
78	Molecular techniques and their limitations shape our view of the holobiont. <i>Zoology</i> , 2019, 137, 125695.	1.2	5
79	Coral bacterial community structure responds to environmental change in a host-specific manner. <i>Nature Communications</i> , 2019, 10, 3092.	12.8	224
80	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
81	Evidence for a role of protein phosphorylation in the maintenance of the cnidarian-algal symbiosis. <i>Molecular Ecology</i> , 2019, 28, 5373-5386.	3.9	7
82	Tissue-Specific Microbiomes of the Red Sea Giant Clam <i>Tridacna maxima</i> Highlight Differential Abundance of Endozoicomonadaceae. <i>Frontiers in Microbiology</i> , 2019, 10, 2661.	3.5	13
83	Ecological specificity of the metagenome in a set of lower termite species supports contribution of the microbiome to adaptation of the host. <i>Animal Microbiome</i> , 2019, 1, 13.	3.8	21
84	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
85	The Tara Pacific expedition – A pan-ecosystemic approach of the omics-complexity of coral reef holobionts across the Pacific Ocean. <i>PLoS Biology</i> , 2019, 17, e3000483.	5.6	48
86	Coral microbiome diversity reflects mass coral bleaching susceptibility during the 2016 El Niño heat wave. <i>Ecology and Evolution</i> , 2019, 9, 938-956.	1.9	81
87	Key Questions for Research and Conservation of Mesophotic Coral Ecosystems and Temperate Mesophotic Ecosystems. <i>Coral Reefs of the World</i> , 2019, , 989-1003.	0.7	27
88	Long-Term Impacts of the 1997-1998 Bleaching Event on the Growth and Resilience of Massive <i>Porites</i> Corals From the Central Red Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 2936-2954.	2.5	14
89	Nutrient stress arrests tentacle growth in the coral model <i>Aiptasia</i> . <i>Symbiosis</i> , 2019, 78, 61-64.	2.3	11
90	Ecophysiology of Reef-Building Corals in the Red Sea. <i>Coral Reefs of the World</i> , 2019, , 33-52.	0.7	8

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91	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
92	Symbiodiniaceae Diversity in Red Sea Coral Reefs & Coral Bleaching. <i>Coral Reefs of the World</i> , 2019, , 69-89.	0.7	6
93	Microbial Communities of Red Sea Coral Reefs. <i>Coral Reefs of the World</i> , 2019, , 53-68.	0.7	9
94	Nutrient Availability and Metabolism Affect the Stability of Coral–Symbiodiniaceae Symbioses. <i>Trends in Microbiology</i> , 2019, 27, 678-689.	7.7	182
95	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
96	SymPortal: A novel analytical framework and platform for coral algal symbiont next-generation sequencing <i>ITS2</i> profiling. <i>Molecular Ecology Resources</i> , 2019, 19, 1063-1080.	4.8	205
97	High levels of floridoside at high salinity link osmoadaptation with bleaching susceptibility in the cnidarian-algal endosymbiosis. <i>Biology Open</i> , 2019, 8, .	1.2	21
98	Relative Diazotroph Abundance in Symbiotic Red Sea Corals Decreases With Water Depth. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	10
99	Denitrification Aligns with N ₂ Fixation in Red Sea Corals. <i>Scientific Reports</i> , 2019, 9, 19460.	3.3	27
100	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
101	Similar bacterial communities on healthy and injured skin of black tip reef sharks. <i>Animal Microbiome</i> , 2019, 1, 9.	3.8	21
102	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
103	Coral reefs of the Red Sea—Challenges and potential solutions. <i>Regional Studies in Marine Science</i> , 2019, 25, 100498.	0.7	41
104	Carbohydrate composition of mucus from scleractinian corals from the central Red Sea. <i>Coral Reefs</i> , 2019, 38, 21-27.	2.2	23
105	Physicochemical Dynamics, Microbial Community Patterns, and Reef Growth in Coral Reefs of the Central Red Sea. <i>Springer Oceanography</i> , 2019, , 401-418.	0.3	1
106	Metaorganisms in extreme environments: do microbes play a role in organismal adaptation?. <i>Zoology</i> , 2018, 127, 1-19.	1.2	194
107	Dominance of <i>Endozoicomonas</i> bacteria throughout coral bleaching and mortality suggests structural inflexibility of the <i>Pocillopora verrucosa</i> microbiome. <i>Ecology and Evolution</i> , 2018, 8, 2240-2252.	1.9	130
108	Status of coral reefs of Upolu (Independent State of Samoa) in the South West Pacific and recommendations to promote resilience and recovery of coastal ecosystems. <i>Marine Pollution Bulletin</i> , 2018, 129, 392-398.	5.0	8

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109	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
110	Excess labile carbon promotes the expression of virulence factors in coral reef bacterioplankton. <i>ISME Journal</i> , 2018, 12, 59-76.	9.8	58
111	Thermal refugia against coral bleaching throughout the northern Red Sea. <i>Global Change Biology</i> , 2018, 24, e474-e484.	9.5	177
112	Evidence for miRNA-mediated modulation of the host transcriptome in cnidarian-dinoflagellate symbiosis. <i>Molecular Ecology</i> , 2018, 27, 403-418.	3.9	35
113	Rare symbionts may contribute to the resilience of coral-algal assemblages. <i>ISME Journal</i> , 2018, 12, 161-172.	9.8	174
114	An improved primer set and amplification protocol with increased specificity and sensitivity targeting the <i>Symbiodinium</i> ITS2 region. <i>PeerJ</i> , 2018, 6, e4816.	2.0	102
115	Desert plant bacteria reveal host influence and beneficial plant growth properties. <i>PLoS ONE</i> , 2018, 13, e0208223.	2.5	76
116	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
117	Coral reef carbonate budgets and ecological drivers in the central Red Sea – a naturally high temperature and high total alkalinity environment. <i>Biogeosciences</i> , 2018, 15, 6277-6296.	3.3	21
118	<i>Symbiodinium</i> genomes reveal adaptive evolution of functions related to coral-dinoflagellate symbiosis. <i>Communications Biology</i> , 2018, 1, 95.	4.4	154
119	Transcriptional response of the heat shock gene <i>hsp70</i> aligns with differences in stress susceptibility of shallow-water corals from the Mediterranean Sea. <i>Marine Environmental Research</i> , 2018, 140, 444-454.	2.5	19
120	Using <i>Aiptasia</i> as a Model to Study Metabolic Interactions in Cnidarian- <i>Symbiodinium</i> Symbioses. <i>Frontiers in Physiology</i> , 2018, 9, 214.	2.8	72
121	Identification of a 3-Alkylpyridinium Compound from the Red Sea Sponge <i>Amphimedon chloros</i> with In Vitro Inhibitory Activity against the West Nile Virus NS3 Protease. <i>Molecules</i> , 2018, 23, 1472.	3.8	16
122	Systematic Revision of <i>Symbiodiniaceae</i> Highlights the Antiquity and Diversity of Coral Endosymbionts. <i>Current Biology</i> , 2018, 28, 2570-2580.e6.	3.9	1,242
123	DNA methylation regulates transcriptional homeostasis of algal endosymbiosis in the coral model <i>Aiptasia</i> . <i>Science Advances</i> , 2018, 4, eaat2142.	10.3	77
124	Epigenome-associated phenotypic acclimatization to ocean acidification in a reef-building coral. <i>Science Advances</i> , 2018, 4, eaar8028.	10.3	135
125	In situ observations of coral bleaching in the central Saudi Arabian Red Sea during the 2015/2016 global coral bleaching event. <i>PLoS ONE</i> , 2018, 13, e0195814.	2.5	82
126	First insight into the viral community of the cnidarian model metaorganism <i>Aiptasia</i> using RNA-Seq data. <i>PeerJ</i> , 2018, 6, e4449.	2.0	12

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127	Ecological and molecular characterization of a coral black band disease outbreak in the Red Sea during a bleaching event. PeerJ, 2018, 6, e5169.	2.0	32
128	Endozoicomonas genomes reveal functional adaptation and plasticity in bacterial strains symbiotically associated with diverse marine hosts. Scientific Reports, 2017, 7, 40579.	3.3	207
129	Biogeography and molecular diversity of coral symbionts in the genus <i>Symbiodinium</i> around the Arabian Peninsula. Journal of Biogeography, 2017, 44, 674-686.	3.0	160
130	Bacterial community dynamics are linked to patterns of coral heat tolerance. Nature Communications, 2017, 8, 14213.	12.8	529
131	Sugar enrichment provides evidence for a role of nitrogen fixation in coral bleaching. Global Change Biology, 2017, 23, 3838-3848.	9.5	130
132	Stable mucus-associated bacterial communities in bleached and healthy corals of <i>Porites lobata</i> from the Arabian Seas. Scientific Reports, 2017, 7, 45362.	3.3	70
133	Advancing genomics through the Global Invertebrate Genomics Alliance (GIGA). Invertebrate Systematics, 2017, 31, 1.	1.3	22
134	High-resolution phenotypic profiling of natural products-induced effects on the single-cell level. Scientific Reports, 2017, 7, 44472.	3.3	19
135	Microbial community composition of deep-sea corals from the Red Sea provides insight into functional adaptation to a unique environment. Scientific Reports, 2017, 7, 44714.	3.3	33
136	Prevalent and persistent viral infection in cultures of the coral algal endosymbiont <i>Symbiodinium</i> . Coral Reefs, 2017, 36, 773-784.	2.2	36
137	Expression of a symbiosis-specific gene in <i>Symbiodinium</i> type A1 associated with coral, nudibranch and giant clam larvae. Royal Society Open Science, 2017, 4, 170253.	2.4	31
138	The role of floridoside in osmoadaptation of coral-associated algal endosymbionts to high-salinity conditions. Science Advances, 2017, 3, e1602047.	10.3	52
139	Rapid adaptive responses to climate change in corals. Nature Climate Change, 2017, 7, 627-636.	18.8	327
140	Transcriptomes and expression profiling of deep-sea corals from the Red Sea provide insight into the biology of azooxanthellate corals. Scientific Reports, 2017, 7, 6442.	3.3	21
141	Assessing the effects of iron enrichment across holobiont compartments reveals reduced microbial nitrogen fixation in the Red Sea coral <i>Pocillopora verrucosa</i> . Ecology and Evolution, 2017, 7, 6614-6621.	1.9	17
142	Evidence for coral range expansion accompanied by reduced diversity of <i>Symbiodinium</i> genotypes. Coral Reefs, 2017, 36, 981-985.	2.2	35
143	Comparative Assessment of Mediterranean Gorgonian-Associated Microbial Communities Reveals Conserved Core and Locally Variant Bacteria. Microbial Ecology, 2017, 73, 466-478.	2.8	74
144	Differential specificity between closely related corals and abundant <i>Endozoicomonas</i> endosymbionts across global scales. ISME Journal, 2017, 11, 186-200.	9.8	259

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145	Comparative analysis of the genomes of <i>Stylophora pistillata</i> and <i>Acropora digitifera</i> provides evidence for extensive differences between species of corals. <i>Scientific Reports</i> , 2017, 7, 17583.	3.3	121
146	A new species of squat lobster of the genus <i>Munida</i> (Galatheoidea, Munididae) from the Red Sea. <i>Crustaceana</i> , 2017, 90, 1005-1014.	0.3	1
147	Genome-Based Analyses of Six Hexacorallian Species Reject the "Naked Coral" Hypothesis. <i>Genome Biology and Evolution</i> , 2017, 9, 2626-2634.	2.5	8
148	Physical Mechanisms Routing Nutrients in the Central Red Sea. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 9032-9046.	2.6	12
149	Corrigendum to: Advancing genomics through the Global Invertebrate Genomics Alliance (GIGA). <i>Invertebrate Systematics</i> , 2017, 31, 231.	1.3	2
150	Marine Invertebrate Larvae Associated with Symbiodinium: A Mutualism from the Start?. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	2.2	32
151	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
152	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
153	Stimulated Respiration and Net Photosynthesis in <i>Cassiopeia</i> sp. during Glucose Enrichment Suggests in hospite CO ₂ Limitation of Algal Endosymbionts. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	27
154	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
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