Bette L Willis

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6865310/publications.pdf

Version: 2024-02-01

174 papers	23,254 citations	8755 75 h-index	9103 144 g-index
184 all docs	184 docs citations	184 times ranked	11369 citing authors

#	Article	IF	Citations
1	Experimental evolution of the coral algal endosymbiont, Cladocopium goreaui: lessons learnt across a decade of stress experiments to enhance coral heat tolerance. Restoration Ecology, 2021, 29, e13342.	2.9	8
2	An Indo-Pacific coral spawning database. Scientific Data, 2021, 8, 35.	5.3	34
3	Coâ€dynamics of Symbiodiniaceae and bacterial populations during the first year of symbiosis with Acropora tenuis juveniles. MicrobiologyOpen, 2020, 9, e959.	3.0	30
4	Predicting the spatial distribution of allele frequencies for a gene associated with tolerance to eutrophication and high temperature in the reef-building coral, Acropora millepora, on the Great Barrier Reef. Coral Reefs, 2020, 39, 147-158.	2.2	5
5	Deciphering Coral Disease Dynamics: Integrating Host, Microbiome, and the Changing Environment. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	58
6	Energy depletion and opportunistic microbial colonisation in white syndrome lesions from corals across the Indo-Pacific. Scientific Reports, 2020, 10, 19990.	3.3	4
7	Coral Restoration Effectiveness: Multiregional Snapshots of the Long-Term Responses of Coral Assemblages to Restoration. Diversity, 2020, 12, 153.	1.7	42
8	Effects of coral restoration on fish communities: snapshots of longâ€term, multiregional responses and implications for practice. Restoration Ecology, 2020, 28, 1158-1171.	2.9	7
9	Characterization of coral-associated microbial aggregates (CAMAs) within tissues of the coral Acropora hyacinthus. Scientific Reports, 2019, 9, 14662.	3.3	23
10	Transgenerational inheritance of shuffled symbiont communities in the coral Montipora digitata. Scientific Reports, 2019, 9, 13328.	3.3	42
11	Temporal and spatial variation in fatty acid composition in Acropora tenuis corals along water quality gradients on the Great Barrier Reef, Australia. Coral Reefs, 2019, 38, 215-228.	2.2	25
12	Unravelling the links between heat stress, bleaching and disease: fate of tabular corals following a combined disease and bleaching event. Coral Reefs, 2019, 38, 591-603.	2.2	40
13	Reduced diversity and stability of coral-associated bacterial communities and suppressed immune function precedes disease onset in corals. Royal Society Open Science, 2019, 6, 190355.	2.4	59
14	Plasticity in gene expression and fatty acid profiles of Acropora tenuis reciprocally transplanted between two water quality regimes in the central Great Barrier Reef, Australia. Journal of Experimental Marine Biology and Ecology, 2019, 511, 40-53.	1.5	18
15	Coral restoration: Socio-ecological perspectives of benefits and limitations. Biological Conservation, 2019, 229, 14-25.	4.1	57
16	Novel T4 bacteriophages associated with black band disease in corals. Environmental Microbiology, 2019, 21, 1969-1979.	3.8	13
17	Predation scars may influence host susceptibility to pathogens: evaluating the role of corallivores as vectors of coral disease. Scientific Reports, 2018, 8, 5258.	3.3	42
18	Unexpected mixed-mode transmission and moderate genetic regulation of Symbiodinium communities in a brooding coral. Heredity, 2018, 121, 524-536.	2.6	53

#	Article	IF	Citations
19	Antimicrobial and stress responses to increased temperature and bacterial pathogen challenge in the holobiont of a reefâ€building coral. Molecular Ecology, 2018, 27, 1065-1080.	3.9	53
20	Plastic waste associated with disease on coral reefs. Science, 2018, 359, 460-462.	12.6	540
21	Elevated CO2 Has Little Influence on the Bacterial Communities Associated With the pH-Tolerant Coral, Massive Porites spp.. Frontiers in Microbiology, 2018, 9, 2621.	3.5	26
22	Coral-associated bacteria demonstrate phylosymbiosis and cophylogeny. Nature Communications, 2018, 9, 4921.	12.8	264
23	Decadal erosion of coral assemblages by multiple disturbances in the Palm Islands, central Great Barrier Reef. Scientific Reports, 2018, 8, 11885.	3.3	23
24	Coral propagation: a review of techniques for ornamental trade and reef restoration. Reviews in Aquaculture, 2017, 9, 238-256.	9.0	87
25	Cumulative effects of suspended sediments, organic nutrients and temperature stress on early life history stages of the coral Acropora tenuis. Scientific Reports, 2017, 7, 44101.	3.3	52
26	Variation in the health and biochemical condition of the coral Acropora tenuis along two water quality gradients on the Great Barrier Reef, Australia. Marine Pollution Bulletin, 2017, 119, 106-119.	5.0	26
27	Global warming and recurrent mass bleaching of corals. Nature, 2017, 543, 373-377.	27.8	2,363
28	Heritability of the Symbiodinium community in vertically- and horizontally-transmitting broadcast spawning corals. Scientific Reports, 2017, 7, 8219.	3.3	89
29	The need for broader ecological and socioeconomic tools to evaluate the effectiveness of coral restoration programs. Restoration Ecology, 2017, 25, 873-883.	2.9	94
30	Rapid adaptive responses to climate change in corals. Nature Climate Change, 2017, 7, 627-636.	18.8	327
31	Effects of suspended sediments and nutrient enrichment on juvenile corals. Marine Pollution Bulletin, 2017, 125, 166-175.	5.0	34
32	White Syndrome-Affected Corals Have a Distinct Microbiome at Disease Lesion Fronts. Applied and Environmental Microbiology, 2017, 83, .	3.1	52
33	Uncoupling temperature-dependent mortality from lipid depletion for scleractinian coral larvae. Coral Reefs, 2017, 36, 97-104.	2.2	23
34	Modelling environmental drivers of black band disease outbreaks in populations of foliose corals in the genus Montipora. PeerJ, 2017, 5, e3438.	2.0	6
35	Temperature and Water Quality-Related Patterns in Sediment-Associated Symbiodinium Communities Impact Symbiont Uptake and Fitness of Juveniles in the Genus Acropora. Frontiers in Marine Science, 2017, 4, .	2.5	51
36	Coral larvae for restoration and research: a large-scale method for rearing Acropora millepora larvae, inducing settlement, and establishing symbiosis. PeerJ, 2017, 5, e3732.	2.0	67

#	Article	IF	Citations
37	Implications of Ocean Acidification for Marine Microorganisms from the Free-Living to the Host-Associated. Frontiers in Marine Science, 2016, 3, .	2.5	33
38	CRISPR-Cas Defense System and Potential Prophages in Cyanobacteria Associated with the Coral Black Band Disease. Frontiers in Microbiology, 2016, 7, 2077.	3.5	13
39	Cumulative Effects of Nutrient Enrichment and Elevated Temperature Compromise the Early Life History Stages of the Coral Acropora tenuis. PLoS ONE, 2016, 11, e0161616.	2.5	52
40	Sperm dispersal distances estimated by parentage analysis in a brooding scleractinian coral. Molecular Ecology, 2016, 25, 1398-1415.	3.9	32
41	Microsatellite allele sizes alone are insufficient to delineate species boundaries in Symbiodinium. Molecular Ecology, 2016, 25, 2719-2723.	3.9	11
42	Maternal effects and Symbiodinium community composition drive differential patterns in juvenile survival in the coral Acropora tenuis. Royal Society Open Science, 2016, 3, 160471.	2.4	86
43	Temporal patterns in innate immunity parameters in reefâ€building corals and linkages with local climatic conditions. Ecosphere, 2016, 7, e01505.	2.2	18
44	Integrated approach to understanding the onset and pathogenesis of black band disease in corals. Environmental Microbiology, 2016, 18, 752-765.	3.8	67
45	Lunar Phase Modulates Circadian Gene Expression Cycles in the Broadcast Spawning Coral Acropora millepora. Biological Bulletin, 2016, 230, 130-142.	1.8	32
46	Genetic markers for antioxidant capacity in a reef-building coral. Science Advances, 2016, 2, e1500842.	10.3	69
47	The transcriptomic response of the coral Acropora digitifera to a competent Symbiodinium strain: the symbiosome as an arrested early phagosome. Molecular Ecology, 2016, 25, 3127-3141.	3.9	88
48	Reserves as tools for alleviating impacts of marine disease. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150210.	4.0	69
49	Imaging the uptake of nitrogen-fixing bacteria into larvae of the coral Acropora millepora. ISME Journal, 2016, 10, 1804-1808.	9.8	36
50	Isolation of an antimicrobial compound produced by bacteria associated with reef-building corals. PeerJ, 2016, 4, e2275.	2.0	122
51	In situvisualization of bacterial populations in coral tissues: pitfalls and solutions. PeerJ, 2016, 4, e2424.	2.0	31
52	Protected Areas Moderate Diseases of Reef-Building Corals. Bulletin of the Ecological Society of America, 2015, 96, 647-650.	0.2	0
53	The coral immune response facilitates protection against microbes during tissue regeneration. Molecular Ecology, 2015, 24, 3390-3404.	3.9	75
54	Unexpected cryptic species diversity in the widespread coral SeriatoporaÂhystrix masks spatialâ€genetic patterns of connectivity. Molecular Ecology, 2015, 24, 2993-3008.	3.9	85

#	Article	IF	Citations
55	Visualization of coral hostâ€“pathogen interactions using a stable GFP-labeled Vibrio coralliilyticus strain. Coral Reefs, 2015, 34, 655-662.	2.2	16
56	Projections of climate conditions that increase coral disease susceptibility and pathogen abundance and virulence. Nature Climate Change, 2015, 5, 688-694.	18.8	252
57	Protected areas mitigate diseases of reefâ€building corals by reducing damage from fishing. Ecology, 2015, 96, 2555-2567.	3.2	48
58	Assessing baseline levels of coral health in a newly established marine protected area in a global scuba diving hotspot. Marine Environmental Research, 2015, 103, 56-65.	2.5	19
59	Towards a better understanding of white syndromes and their causes on Indo-Pacific coral reefs. Coral Reefs, 2015, 34, 233-242.	2.2	70
60	Sediment and Turbidity Associated with Offshore Dredging Increase Coral Disease Prevalence on Nearby Reefs. PLoS ONE, 2014, 9, e102498.	2.5	197
61	Deep-Sequencing Method for Quantifying Background Abundances of Symbiodinium Types: Exploring the Rare Symbiodinium Biosphere in Reef-Building Corals. PLoS ONE, 2014, 9, e94297.	2.5	135
62	Onset and establishment of diazotrophs and other bacterial associates in the early life history stages of the coral Acropora millepora. Molecular Ecology, 2014, 23, 4682-4695.	3.9	104
63	Amplicon pyrosequencing reveals spatial and temporal consistency in diazotroph assemblages of the <scp>A</scp>cropora millepora microbiome. Environmental Microbiology, 2014, 16, 3345-3359.	3.8	84
64	Crown-of-thorns starfish predation and physical injuries promote brown band disease on corals. Coral Reefs, 2014, 33, 705-716.	2.2	44
65	Scuba diving damage and intensity of tourist activities increases coral disease prevalence. Biological Conservation, 2014, 178, 88-96.	4.1	179
66	Climate Change Influences on Marine Infectious Diseases: Implications for Management and Society. Annual Review of Marine Science, 2014, 6, 249-277.	11.6	484
67	Spatial and temporal genetic structure of <scp>S</scp>ymbiodinium populations within a common reefâ€building coral on the <scp>G</scp>reat <scp>B</scp>arrier <scp>R</scp>eef. Molecular Ecology, 2013, 22, 3693-3708.	3.9	42
68	The corallivorous invertebrate Drupella aids in transmission of brown band disease on the Great Barrier Reef. Coral Reefs, 2013, 32, 585-595.	2.2	63
69	Cymo melanodactylus crabs slow progression of white syndrome lesions on corals. Coral Reefs, 2013, 32, 43-48.	2.2	33
70	Pyrosequencingâ€based profiling of archaeal and bacterial 16S r<scp>RNA</scp> genes identifies a novel archaeon associated with black band disease in corals. Environmental Microbiology, 2013, 15, 2994-3007.	3.8	24
71	Genetic assignment of recruits reveals shortâ€and longâ€distance larval dispersal in <scp>P</scp>ocillopora damicornis on the <scp>G</scp>reat <scp>B</scp>arrier <scp>R</scp>eef. Molecular Ecology, 2013, 22, 5821-5834.	3.9	34
72	Multiple occupancyâ€“abundance patterns in staghorn coral communities. Diversity and Distributions, 2013, 19, 884-895.	4.1	7

#	Article	IF	Citations
73	Direct measurement of dimethylsulfoniopropionate (DMSP) in reef-building corals using quantitative nuclear magnetic resonance (qNMR) spectroscopy. Journal of Experimental Marine Biology and Ecology, 2013, 443, 85-89.	1.5	37
74	DMSP biosynthesis by an animal and its role in coral thermal stress response. Nature, 2013, 502, 677-680.	27.8	258
75	Disease outbreaks, bleaching and a cyclone drive changes in coral assemblages on an inshore reef of the Great Barrier Reef. Coral Reefs, 2013, 32, 815-824.	2.2	24
76	Effects of delayed settlement on post-settlement growth and survival of scleractinian coral larvae. Oecologia, 2013, 173, 431-438.	2.0	31
77	Rapid declines in metabolism explain extended coral larval longevity. Coral Reefs, 2013, 32, 539-549.	2.2	35
78	Historical thermal regimes define limits to coral acclimatization. Ecology, 2013, 94, 1078-1088.	3.2	154
79	Revisiting the connectivity puzzle of the common coral <scp>P</scp>ocillopora damicornis. Molecular Ecology, 2013, 22, 5805-5820.	3.9	32
80	The Importance of Coral Larval Recruitment for the Recovery of Reefs Impacted by Cyclone Yasi in the Central Great Barrier Reef. PLoS ONE, 2013, 8, e65363.	2.5	48
81	Enzyme activity demonstrates multiple pathways of innate immunity in Indo-Pacific anthozoans. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3879-3887.	2.6	32
82	Global coral disease prevalence associated with sea temperature anomalies and local factors. Diseases of Aquatic Organisms, 2012, 100, 249-261.	1.0	145
83	High potential for formation and persistence of chimeras following aggregated larval settlement in the broadcast spawning coral, Acropora millepora. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 699-708.	2.6	53
84	Coral thermal tolerance shaped by local adaptation of photosymbionts. Nature Climate Change, 2012, 2, 116-120.	18.8	393
85	Allorecognition maturation in the broadcast-spawning coral Acropora millepora. Coral Reefs, 2012, 31, 1019-1028.	2.2	39
86	Absence of skeleton deposition in juveniles of the scleractinian coral Acropora millepora. Coral Reefs, 2012, 31, 1111-1111.	2.2	0
87	Corals Form Characteristic Associations with Symbiotic Nitrogen-Fixing Bacteria. Applied and Environmental Microbiology, 2012, 78, 3136-3144.	3.1	275
88	Assembly Rules of Reef Corals Are Flexible along a Steep Climatic Gradient. Current Biology, 2012, 22, 736-741.	3.9	81
89	Energy allocation in a reef coral under varying resource availability. Marine Biology, 2012, 159, 177-186.	1.5	45
90	A Framework for Responding to Coral Disease Outbreaks that Facilitates Adaptive Management. Environmental Management, 2012, 49, 1-13.	2.7	41

#	Article	IF	Citations
91	Expression of Putative Immune Response Genes during Early Ontogeny in the Coral Acropora millepora. PLoS ONE, 2012, 7, e39099.	2.5	23
92	Impact of Light and Temperature on the Uptake of Algal Symbionts by Coral Juveniles. PLoS ONE, 2012, 7, e50311.	2.5	45
93	A comparative study of phenoloxidase activity in diseased and bleached colonies of the coral Acropora millepora. Developmental and Comparative Immunology, 2011, 35, 1098-1101.	2.3	81
94	Metagenomic analysis of the coral holobiont during a natural bleaching event on the Great Barrier Reef. Environmental Microbiology Reports, 2011, 3, 651-660.	2.4	195
95	Growth Anomalies on the Coral Genera Acropora and Porites Are Strongly Associated with Host Density and Human Population Size across the Indo-Pacific. PLoS ONE, 2011, 6, e16887.	2.5	91
96	Seasonal Rainfall and Runoff Promote Coral Disease on an Inshore Reef. PLoS ONE, 2011, 6, e16893.	2.5	117
97	Using Coral Disease Prevalence to Assess the Effects of Concentrating Tourism Activities on Offshore Reefs in a Tropical Marine Park. Conservation Biology, 2011, 25, 1044-1052.	4.7	48
98	Selective feeding by coral reef fishes on coral lesions associated with brown band and black band disease. Coral Reefs, 2011, 30, 473-481.	2.2	45
99	Predicting outbreaks of a climate-driven coral disease in the Great Barrier Reef. Coral Reefs, 2011, 30, 485-495.	2.2	53
100	Effects of temperature and light on the progression of black band disease on the reef coral, Montipora hispida. Coral Reefs, 2011, 30, 753.	2.2	42
101	The Urgent Need for Robust Coral Disease Diagnostics. PLoS Pathogens, 2011, 7, e1002183.	4.7	124
102	Corals Use Similar Immune Cells and Wound-Healing Processes as Those of Higher Organisms. PLoS ONE, 2011, 6, e23992.	2.5	88
103	Spatiotemporal patterns of coral disease prevalence on Heron Island, Great Barrier Reef, Australia. Coral Reefs, 2010, 29, 1035-1045.	2.2	30
104	Responses of coral-associated bacterial communities to heat stress differ withSymbiodiniumtype on the same coral host. Molecular Ecology, 2010, 19, 1978-1990.	3.9	112
105	Successional changes in bacterial communities during the development of black band disease on the reef coral, Montipora hispida. ISME Journal, 2010, 4, 203-214.	9.8	94
106	Detection and Quantification of the Coral Pathogen Vibrio coralliilyticus by Real-Time PCR with TaqMan Fluorescent Probes. Applied and Environmental Microbiology, 2010, 76, 5282-5286.	3.1	25
107	Do the organic sulfur compounds DMSP and DMS drive coral microbial associations?. Trends in Microbiology, 2010, 18, 101-108.	7.7	203
108	Phylogeny of the coral pathogenVibrio coralliilyticus. Environmental Microbiology Reports, 2010, 2, 172-178.	2.4	31

#	Article	IF	Citations
109	Summer Hot Snaps and Winter Conditions: Modelling White Syndrome Outbreaks on Great Barrier Reef Corals. PLoS ONE, 2010, 5, e12210.	2.5	104
110	The Roles and Interactions of Symbiont, Host and Environment in Defining Coral Fitness. PLoS ONE, 2009, 4, e6364.	2.5	176
111	Chimerism in Wild Adult Populations of the Broadcast Spawning Coral Acropora millepora on the Great Barrier Reef. PLoS ONE, 2009, 4, e7751.	2.5	67
112	Coral-Associated Bacteria and Their Role in the Biogeochemical Cycling of Sulfur. Applied and Environmental Microbiology, 2009, 75, 3492-3501.	3.1	395
113	Dynamics of seasonal outbreaks of black band disease in an assemblage of Montipora species at Pelorus Island (Great Barrier Reef, Australia). Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 2795-2803.	2.6	105
114	High genetic differentiation and cross-shelf patterns of genetic diversity among Great Barrier Reef populations of Symbiodinium. Coral Reefs, 2009, 28, 215-225.	2.2	66
115	Larval retention and connectivity among populations of corals and reef fishes: history, advances and challenges. Coral Reefs, 2009, 28, 307-325.	2.2	460
116	Juvenile corals can acquire more carbon from high-performance algal symbionts. Coral Reefs, 2009, 28, 405-414.	2.2	233
117	Microarray analysis reveals transcriptional plasticity in the reef building coral Acropora millepora. Molecular Ecology, 2009, 18, 3062-3075.	3.9	80
118	Highly infectious symbiont dominates initial uptake in coral juveniles. Molecular Ecology, 2009, 18, 3518-3531.	3.9	88
119	Onset of algal endosymbiont specificity varies among closely related species of Acropora corals during early ontogeny. Molecular Ecology, 2009, 18, 3532-3543.	3.9	147
120	Diversities of coral-associated bacteria differ with location, but not species, for three acroporid corals on the Great Barrier Reef. FEMS Microbiology Ecology, 2009, 68, 152-163.	2.7	224
121	Systematic and Biogeographical Patterns in the Reproductive Biology of Scleractinian Corals. Annual Review of Ecology, Evolution, and Systematics, 2009, 40, 551-571.	8.3	590
122	Bleaching Resistance and the Role of Algal Endosymbionts. Ecological Studies, 2009, , 83-102.	1.2	51
123	Vibrio Zinc-Metalloprotease Causes Photoinactivation of Coral Endosymbionts and Coral Tissue Lesions. PLoS ONE, 2009, 4, e4511.	2.5	89
124	Influence of marine reserves on coral disease prevalence. Diseases of Aquatic Organisms, 2009, 87, 135-150.	1.0	41
125	Spatio-temporal coral disease dynamics in the Wakatobi Marine National Park, South-East Sulawesi, Indonesia. Diseases of Aquatic Organisms, 2009, 87, 105-115.	1.0	50
126	Epidemiology of skeletal eroding band on the Great Barrier Reef and the role of injury in the initiation of this widespread coral disease. Coral Reefs, 2008, 27, 257-272.	2.2	97

#	Article	IF	Citations
127	Biomedical and veterinary science can increase our understanding of coral disease. Journal of Experimental Marine Biology and Ecology, 2008, 362, 63-70.	1.5	86
128	Methods for sampling free-living Symbiodinium (zooxanthellae) and their distribution and abundance at Lizard Island (Great Barrier Reef). Journal of Experimental Marine Biology and Ecology, 2008, 364, 48-53.	1.5	108
129	ReefTemp: An interactive monitoring system for coral bleaching using highâ€resolution SST and improved stress predictors. Geophysical Research Letters, 2008, 35, .	4.0	81
130	Speciesâ€“specific interactions between algal endosymbionts and coral hosts define their bleaching response to heat and light stress. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 2273-2282.	2.6	296
131	Identification of a Ciliate (Oligohymenophorea: Scuticociliatia) Associated with Brown Band Disease on Corals of the Great Barrier Reef. Applied and Environmental Microbiology, 2008, 74, 883-888.	3.1	62
132	Evidence of an inflammatory-like response in non-normally pigmented tissues of two scleractinian corals. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 2687-2693.	2.6	132
133	Microbial Ecology of Four Coral Atolls in the Northern Line Islands. PLoS ONE, 2008, 3, e1584.	2.5	383
134	Coral Pathogens Identified for White Syndrome (WS) Epizootics in the Indo-Pacific. PLoS ONE, 2008, 3, e2393.	2.5	235
135	Some Rare Indo-Pacific Coral Species Are Probable Hybrids. PLoS ONE, 2008, 3, e3240.	2.5	64
136	Newly characterized distinct phases of the coral disease â€˜atramentous necrosisâ€™ on the Great Barrier Reef. Diseases of Aquatic Organisms, 2008, 81, 255-259.	1.0	17
137	Thermal Stress and Coral Cover as Drivers of Coral Disease Outbreaks. PLoS Biology, 2007, 5, e124.	5.6	694
138	Coral Disease, Environmental Drivers, and the Balance Between Coral and Microbial Associates. Oceanography, 2007, 20, 172-195.	1.0	392
139	Phase Shifts, Herbivory, and the Resilience of Coral Reefs to Climate Change. Current Biology, 2007, 17, 360-365.	3.9	1,239
140	Elevated temperature and light enhance progression and spread of black band disease on staghorn corals of the Great Barrier Reef. Marine Biology, 2007, 151, 1711-1720.	1.5	106
141	Apparent Involvement of a Î²1 Type Integrin in Coral Fertilization. Marine Biotechnology, 2007, 9, 760-765.	2.4	8
142	The Role of Hybridization in the Evolution of Reef Corals. Annual Review of Ecology, Evolution, and Systematics, 2006, 37, 489-517.	8.3	206
143	A single cyanobacterial ribotype is associated with both red and black bands on diseased corals from Palau. Diseases of Aquatic Organisms, 2006, 69, 111-118.	1.0	57
144	Analyzing the relationship between ocean temperature anomalies and coral disease outbreaks at broad spatial scales. Coastal and Estuarine Studies, 2006, , 111-128.	0.4	53

#	Article	IF	Citations
145	Distribution, host range and large-scale spatial variability in black band disease prevalence on the Great Barrier Reef, Australia. Diseases of Aquatic Organisms, 2006, 69, 41-51.	1.0	82
146	Effects of algal turfs and sediment on coral settlement. Marine Pollution Bulletin, 2005, 51, 408-414.	5.0	318
147	Flexibility in Algal Endosymbioses Shapes Growth in Reef Corals. Science, 2004, 304, 1492-1494.	12.6	530
148	Coral Disease on the Great Barrier Reef. , 2004, , 69-104.		269
149	Demographic aspects of the soft coral Sinularia flexibilis leading to local dominance on coral reefs. Hydrobiologia, 2004, 530-531, 433-441.	2.0	13
150	Unexpected patterns of genetic structuring among locations but not colour morphs in Acropora nasuta (Cnidaria; Scleractinia). Molecular Ecology, 2004, 13, 9-20.	3.9	57
151	Reproductive energy investment in corals: scaling with module size. Oecologia, 2003, 136, 524-531.	2.0	90
152	Comparative analysis of energy allocation to tissue and skeletal growth in corals. Limnology and Oceanography, 2002, 47, 1417-1429.	3.1	126
153	DETECTING REGIONAL VARIATION USING META-ANALYSIS AND LARGE-SCALE SAMPLING: LATITUDINAL PATTERNS IN RECRUITMENT. Ecology, 2002, 83, 436-451.	3.2	99
154	The highly cross-fertile coral species, Acropora hyacinthus and Acropora cytherea, constitute statistically distinguishable lineages. Molecular Ecology, 2002, 11, 1339-1349.	3.9	68
155	Spawning times, reproductive compatibilities and genetic structuring in the Acropora aspera group: evidence for natural hybridization and semi-permeable species boundaries in corals. Molecular Ecology, 2002, 11, 1363-1376.	3.9	125
156	Detecting Regional Variation Using Meta-Analysis and Large-Scale Sampling: Latitudinal Patterns in Recruitment. Ecology, 2002, 83, 436.	3.2	2
157	The Evolutionary History of the Coral Genus Acropora (Scleractinia, Cnidaria) Based on a Mitochondrial and a Nuclear Marker: Reticulation, Incomplete Lineage Sorting, or Morphological Convergence?. Molecular Biology and Evolution, 2001, 18, 1315-1329.	8.9	256
158	Impacts of bleaching on the soft coral Lobophytum compactum. II. Biochemical changes in adults and their eggs. , 2001, 19, 240-246.		50
159	Impacts of bleaching on the soft coral Lobophytum compactum . I. Fecundity, fertilization and offspring viability. Coral Reefs, 2001, 19, 231-239.	2.2	119
160	Examination of species boundaries in the Acropora cervicornis group (Scleractinia, Cnidaria) using nuclear DNA sequence analyses. Molecular Ecology, 2000, 9, 1363-1373.	3.9	180
161	SUPPLY-SIDE ECOLOGY WORKS BOTH WAYS: THE LINK BETWEEN BENTHIC ADULTS, FECUNDITY, AND LARVAL RECRUITS. Ecology, 2000, 81, 2241-2249.	3.2	347
162	SUPPLY-SIDE ECOLOGY WORKS BOTH WAYS: THE LINK BETWEEN BENTHIC ADULTS, FECUNDITY, AND LARVAL RECRUITS. , 2000, 81, 2241.		1

#	Article	IF	Citations
163	Patterns of recruitment and abundance of corals along the Great Barrier Reef. Nature, 1999, 397, 59-63.	27.8	321
164	Seasonal and local spatial patterns in the upper thermal limits of corals on the inshore Central Great Barrier Reef. Coral Reefs, 1999, 18, 219-228.	2.2	244
165	Atypically low rate of cytochrome b evolution in the scleractinian coral genus Acropora. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 179-183.	2.6	95
166	Experimental hybridization and breeding incompatibilities within the mating systems of mass spawning reef corals. Coral Reefs, 1997, 16, S53-S65.	2.2	173
167	Systematics of the Coral Genus Acropora: Implications of New Biological Findings for Species Concepts. Annual Review of Ecology, Evolution, and Systematics, 1994, 25, 237-262.	6.7	77
168	Direct tracking of coral larvae: Implications for dispersal studies of planktonic larvae in topographically complex environments. Ophelia, 1990, 32, 145-162.	0.3	98
169	Population structure in the coral Pavona cactus: clonal genotypes show little phenotypic plasticity. Marine Biology, 1988, 99, 495-505.	1.5	79
170	Coral-spawn slicks in the Great Barrier Reef: preliminary observations. Marine Biology, 1987, 94, 521-529.	1.5	111
171	Synchronous spawnings of 105 scleractinian coral species on the Great Barrier Reef. Marine Biology, 1986, 90, 379-394.	1.5	622
172	SELF-RECOGNITION IN SPONGES AND CORALS?. Evolution; International Journal of Organic Evolution, 1985, 39, 461-463.	2.3	17
173	Asexual reproduction and genetic determination of growth form in the coral Pavona cactus: biochemical genetic and immunogenic evidence. Oecologia, 1985, 65, 516-525.	2.0	106
174	Mass Spawning in Tropical Reef Corals. Science, 1984, 223, 1186-1189.	12.6	610