Ove Hoegh-Guldberg

List of Publications by Year
in descending order

332 papers	54,279 citations	2696 98 h-index	1631 221 g-index
347 all docs	347 docs citations	347 times ranked	38064 citing authors

#	Article	IF	Citations
1	Coral composition and bottom-wave metrics improve understanding of the patchiness of cyclone damage on reefs. Science of the Total Environment, 2022, 804, 150178.	3.9	4
2	Thylakoid fatty acid composition and response to short-term cold and heat stress in high-latitude Symbiodiniaceae. Coral Reefs, 2022, 41, 343-353.	0.9	3
3	Hidden in the deep: Distinct benthic trajectories call for monitoring of mesophotic reefs. Conservation Letters, 2022, 15, .	2.8	3
4	The Condition of Four Coral Reefs in Timor-Leste before and after the 2016â€"2017 Marine Heatwave. Oceans, 2022, 3, 147-173.	0.6	1
5	Biogeochemical niches and trophic plasticity of shallow and mesophotic corals recovering from mass bleaching. Limnology and Oceanography, 2022, 67, 1617-1630.	1.6	7
6	Coral-macroalgal competition under ocean warming and acidification. Journal of Experimental Marine Biology and Ecology, 2021, 534, 151477.	0.7	9
7	Habitatâ€specific biogenic production and erosion influences net framework and sediment coral reef carbonate budgets. Limnology and Oceanography, 2021, 66, 349-365.	1.6	18
8	Biogeochemical variability and trophic status of reef water column following a coral bleaching event. Coral Reefs, 2021, 40, 1-7.	0.9	9
9	Benthic and coral reef community field data for Heron Reef, Southern Great Barrier Reef, Australia, 2002â€"2018. Scientific Data, 2021, 8, 84.	2.4	9
10	Fine-scale time series surveys reveal new insights into spatio-temporal trends in coral cover (2002â€"2018), of a coral reef on the Southern Great Barrier Reef. Coral Reefs, 2021, 40, 1055-1067.	0.9	11
11	Designing a blueprint for coral reef survival. Biological Conservation, 2021, 257, 109107.	1.9	82
12	The benefits of heterogeneity in spatial prioritisation within coral reef environments. Biological Conservation, 2021, 258, 109155.	1.9	16
13	Morphological stasis masks ecologically divergent coral species on tropical reefs. Current Biology, 2021, 31, 2286-2298.e8.	1.8	39
14	Asymmetric physiological response of a reef-building coral to pulsed versus continuous addition of inorganic nutrients. Scientific Reports, 2021, 11, 13165.	1.6	4
15	Global forest restoration opportunities to foster coral reef conservation. Global Change Biology, 2021, 27, 5238-5252.	4.2	18
16	Estimating the global risk of anthropogenic climate change. Nature Climate Change, 2021, 11, 879-885.	8.1	65
17	Linking isotopic signatures of nitrogen in nearshore coral skeletons with sources in catchment runoff. Marine Pollution Bulletin, 2021, 173, 113054.	2.3	4
18	Identifying management opportunities to combat climate, land, and marine threats across less climate exposed coral reefs. Conservation Biology, 2021, , .	2.4	3

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19	Coral Reef Community Changes in Karimunjawa National Park, Indonesia: Assessing the Efficacy of Management in the Face of Local and Global Stressors. Journal of Marine Science and Engineering, 2020, 8, 760.	1.2	26
20	Ocean warming and acidification uncouple calcification from calcifier biomass which accelerates coral reef decline. Communications Earth & Environment, 2020, 1, .	2.6	29
21	A contemporary baseline record of the worldâ€™s coral reefs. Scientific Data, 2020, 7, 355.	2.4	6
22	The World Coral Conservatory (WCC): A Noah's ark for corals to support survival of reef ecosystems. PLoS Biology, 2020, 18, e3000823.	2.6	20
23	Science, Diplomacy, and the Red Seaâ€™s Unique Coral Reef: Itâ€™s Time for Action. Frontiers in Marine Science, 2020, 7, .	1.2	34
24	Forecasting intensifying disturbance effects on coral reefs. Global Change Biology, 2020, 26, 2785-2797.	4.2	46
25	Paradise lost: Endâ€ofâ€century warming and acidification under businessâ€asâ€usual emissions have severe consequences for symbiotic corals. Global Change Biology, 2020, 26, 2203-2219.	4.2	36
26	Seasonal shifts in the competitive ability of macroalgae influence the outcomes of coralâ€“algal competition. Royal Society Open Science, 2020, 7, 201797.	1.1	7
27	Monitoring of Coral Reefs Using Artificial Intelligence: A Feasible and Cost-Effective Approach. Remote Sensing, 2020, 12, 489.	1.8	77
28	The Great Barrier Reef: Vulnerabilities and solutions in the face of ocean acidification. Regional Studies in Marine Science, 2019, 31, 100729.	0.4	13
29	Evaluating coral trophic strategies using fatty acid composition and indices. PLoS ONE, 2019, 14, e0222327.	1.1	24
30	The human imperative of stabilizing global climate change at 1.5Â°C. Science, 2019, 365, .	6.0	498
31	Ecological changes over 90 years at Low Isles on the Great Barrier Reef. Nature Communications, 2019, 10, 4409.	5.8	24
32	The ocean is key to achieving climate and societal goals. Science, 2019, 365, 1372-1374.	6.0	60
33	Living coral tissue slows skeletal dissolution related to ocean acidification. Nature Ecology and Evolution, 2019, 3, 1438-1444.	3.4	36
34	A genomic view of the reef-building coral Porites lutea and its microbial symbionts. Nature Microbiology, 2019, 4, 2090-2100.	5.9	160
35	Photosynthesis by symbiotic sponges enhances their ability to erode calcium carbonate. Journal of Experimental Marine Biology and Ecology, 2019, 516, 140-149.	0.7	13
36	People and the changing nature of coral reefs. Regional Studies in Marine Science, 2019, 30, 100699.	0.4	73

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37	Disrupting data sharing for a healthier ocean. ICES Journal of Marine Science, 2019, 76, 1415-1423.	1.2	21
38	Commentary: Reconstructing Four Centuries of Temperature-Induced Coral Bleaching on the Great Barrier Reef. Frontiers in Marine Science, 2019, 6, .	1.2	6
39	Upwelling as the major source of nitrogen for shallow and deep reefâ€building corals across an oceanic atoll system. Functional Ecology, 2019, 33, 1120-1134.	1.7	40
40	Climate change drives trait-shifts in coral reef communities. Scientific Reports, 2019, 9, 3721.	1.6	38
41	Temporal effects of ocean warming and acidification on coralâ€“algal competition. Coral Reefs, 2019, 38, 297-309.	0.9	20
42	A governing framework for international ocean acidification policy. Marine Policy, 2019, 102, 10-20.	1.5	15
43	Single-cell visualization indicates direct role of sponge host in uptake of dissolved organic matter. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20192153.	1.2	30
44	The future of resilience-based management in coral reef ecosystems. Journal of Environmental Management, 2019, 233, 291-301.	3.8	143
45	Single-cell measurement of ammonium and bicarbonate uptake within a photosymbiotic bioeroding sponge. ISME Journal, 2018, 12, 1308-1318.	4.4	22
46	Bleaching and mortality of a photosymbiotic bioeroding sponge under future carbon dioxide emission scenarios. Oecologia, 2018, 187, 25-35.	0.9	11
47	Securing a Long-term Future for Coral Reefs. Trends in Ecology and Evolution, 2018, 33, 936-944.	4.2	130
48	Deep reefs of the Great Barrier Reef offer limited thermal refuge during mass coral bleaching. Nature Communications, 2018, 9, 3447.	5.8	94
49	Riskâ€sensitive planning for conserving coral reefs under rapid climate change. Conservation Letters, 2018, 11, e12587.	2.8	151
50	The Dynamics of Coral-Algal Interactions in Space and Time on the Southern Great Barrier Reef. Frontiers in Marine Science, 2018, 5, .	1.2	43
51	Remote Sensing of Coral Bleaching Using Temperature and Light: Progress towards an Operational Algorithm. Remote Sensing, 2018, 10, 18.	1.8	54
52	The many possible climates from the Paris Agreementâ€™s aim of 1.5 Â°C warming. Nature, 2018, 558, 41-49.	13.7	116
53	Microbiome variation in corals with distinct depth distribution ranges across a shallowâ€“mesophotic gradient (15â€“85Âm). Coral Reefs, 2017, 36, 447-452.	0.9	34
54	Deep reefs are not universal refuges: Reseeding potential varies among coral species. Science Advances, 2017, 3, e1602373.	4.7	193

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55	<i>Symbiodinium</i> (Dinophyceae) community patterns in invertebrate hosts from inshore marginal reefs of the southern Great Barrier Reef, Australia. Journal of Phycology, 2017, 53, 589-600.	1.0	7
56	Symbiotic plasticity of Symbiodinium in a common excavating sponge. Marine Biology, 2017, 164, 1.	0.7	16
57	Key functional role of the optical properties of coral skeletons in coral ecology and evolution. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20161667.	1.2	102
58	An evaluation of semiâ€automated methods for collecting ecosystemâ€level data in temperate marine systems. Ecology and Evolution, 2017, 7, 4640-4650.	0.8	13
59	Human activities influence benthic community structure and the composition of the coral-algal interactions in the central Maldives. Journal of Experimental Marine Biology and Ecology, 2017, 497, 33-40.	0.7	45
60	Linking fishes to multiple metrics of coral reef structural complexity using three-dimensional technology. Scientific Reports, 2017, 7, 13965.	1.6	48
61	Comparison of two photographic methodologies for collecting and analyzing the condition of coral reef ecosystems. Ecosphere, 2017, 8, e01971.	1.0	7
62	Sponge bioerosion on changing reefs: ocean warming poses physiological constraints to the success of a photosymbiotic excavating sponge. Scientific Reports, 2017, 7, 10705.	1.6	40
63	Studying interactions between excavating sponges and massive corals by the use of hybrid cores. Marine Ecology, 2017, 38, e12393.	0.4	9
64	Photoacclimatory and photoprotective responses to cold versus heat stress in high latitude reef corals. Journal of Phycology, 2017, 53, 308-321.	1.0	12
65	Winners and losers as mangrove, coral and seagrass ecosystems respond to sea-level rise in Solomon Islands. Environmental Research Letters, 2017, 12, 094009.	2.2	42
66	Coral Reef Ecosystems under Climate Change and Ocean Acidification. Frontiers in Marine Science, 2017, 4, .	1.2	479
67	Editorial: The Effect of Climate Change across Ocean Regions. Frontiers in Marine Science, 2017, 4, .	1.2	19
68	Lower Mesophotic Coral Communities (60-125 m Depth) of the Northern Great Barrier Reef and Coral Sea. PLoS ONE, 2017, 12, e0170336.	1.1	34
69	Multiple Stressors and Ecological Complexity Require a New Approach to Coral Reef Research. Frontiers in Marine Science, 2016, 3, .	1.2	49
70	Responses of Marine Organisms to Climate Change across Oceans. Frontiers in Marine Science, 2016, 3, .	1.2	624
71	Scaling up Ecological Measurements of Coral Reefs Using Semi-Automated Field Image Collection and Analysis. Remote Sensing, 2016, 8, 30.	1.8	59
72	Understanding constraints to the transformation rate of global energy infrastructure. Wiley Interdisciplinary Reviews: Energy and Environment, 2016, 5, 33-48.	1.9	10

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73	Implications of the Paris agreement for the ocean. Nature Climate Change, 2016, 6, 732-735.	8.1	50
74	Dayâ€“night ecophysiology of the photosymbiotic bioeroding sponge Cliona orientalis Thiele, 1900. Marine Biology, 2016, 163, 1.	0.7	18
75	Reconciling Development and Conservation under Coastal Squeeze from Rising Sea Level. Conservation Letters, 2016, 9, 361-368.	2.8	43
76	Ocean acidification: Linking science to management solutions using the Great Barrier Reef as a case study. Journal of Environmental Management, 2016, 182, 641-650.	3.8	22
77	<i>Symbiodinium</i> biogeography tracks environmental patterns rather than host genetics in a key Caribbean reef-builder, <i>Orbicella annularis</i>. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161938.	1.2	25
78	Coral symbioses under prolonged environmental change: living near tolerance range limits. Scientific Reports, 2016, 6, 36271.	1.6	45
79	Prevalent endosymbiont zonation shapes the depth distributions of scleractinian coral species. Royal Society Open Science, 2015, 2, 140297.	1.1	81
80	Deep down on a Caribbean reef: lower mesophotic depths harbor a specialized coral-endosymbiont community. Scientific Reports, 2015, 5, 7652.	1.6	116
81	The ReFuGe 2020 Consortiumâ€"using â€œomicsâ€•approaches to explore the adaptability and resilience of coral holobionts to environmental change. Frontiers in Marine Science, 2015, 2, .	1.2	24
82	Six Month In Situ High-Resolution Carbonate Chemistry and Temperature Study on a Coral Reef Flat Reveals Asynchronous pH and Temperature Anomalies. PLoS ONE, 2015, 10, e0127648.	1.1	64
83	Transcriptomic characterization of the enzymatic antioxidants FeSOD, MnSOD, APX and KatG in the dinoflagellate genus Symbiodinium. BMC Evolutionary Biology, 2015, 15, 48.	3.2	50
84	Habitat-specific environmental conditions primarily control the microbiomes of the coral <i>Seriatopora hystrix</i>. ISME Journal, 2015, 9, 1916-1927.	4.4	172
85	Contrasting futures for ocean and society from different anthropogenic CO ₂ emissions scenarios. Science, 2015, 349, aac4722.	6.0	1,059
86	The moral of the coral. New Scientist, 2015, 226, 25.	0.0	0
87	The coral core microbiome identifies rare bacterial taxa as ubiquitous endosymbionts. ISME Journal, 2015, 9, 2261-2274.	4.4	548
88	pH homeostasis during coral calcification in a free ocean CO ₂ enrichment (FOCE) experiment, Heron Island reef flat, Great Barrier Reef. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13219-13224.	3.3	63
89	Differential coral bleachingâ€"Contrasting the activity and response of enzymatic antioxidants in symbiotic partners under thermal stress. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 190, 15-25.	0.8	110
90	Unfolding the secrets of coralâ€“algal symbiosis. ISME Journal, 2015, 9, 844-856.	4.4	100

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91	Porites white patch syndrome: associated viruses and disease physiology. Coral Reefs, 2015, 34, 249-257.	0.9	35
92	Deepest zooxanthellate corals of the Great Barrier Reef and Coral Sea. Marine Biodiversity, 2015, 45, 1-2.	0.3	32
93	Transcriptomic Changes in Coral Holobionts Provide Insights into Physiological Challenges of Future Climate and Ocean Change. PLoS ONE, 2015, 10, e0139223.	1.1	74
94	Signaling cascades and the importance of moonlight in coral broadcast mass spawning. ELife, 2015, 4, .	2.8	94
95	Early transcriptional changes in the reef-building coral Acropora aspera in response to thermal and nutrient stress. BMC Genomics, 2014, 15, 1052.	1.2	67
96	Maps, laws and planning policy: Working with biophysical and spatial uncertainty in the case of sea level rise. Environmental Science and Policy, 2014, 44, 247-257.	2.4	23
97	Effects of ocean warming and acidification on the energy budget of an excavating sponge. Global Change Biology, 2014, 20, 1043-1054.	4.2	55
98	Coral reefs in the Anthropocene: persistence or the end of the line?. Geological Society Special Publication, 2014, 395, 167-183.	0.8	24
99	Ensuring survival: Oceans, climate and security. Ocean and Coastal Management, 2014, 90, 27-37.	2.0	22
100	Coral reef sustainability through adaptation: glimmer of hope or persistent mirage?. Current Opinion in Environmental Sustainability, 2014, 7, 127-133.	3.1	65
101	<i><scp>S</scp>ymbiodinium</i> (<scp>D</scp>inophyceae) diversity in reefâ€invertebrates along an offshore to inshore reef gradient near <scp>L</scp>izard <scp>I</scp>sland, <scp>G</scp>reat <scp>B</scp>arrier <scp>R</scp>eef. Journal of Phycology, 2014, 50, 552-563.	1.0	29
102	Geographical limits to species-range shifts are suggested by climate velocity. Nature, 2014, 507, 492-495.	13.7	436
103	Implications of geometric plasticity for maximizing photosynthesis in branching corals. Marine Biology, 2014, 161, 313-328.	0.7	22
104	Antioxidant plasticity and thermal sensitivity in four types of <i><scp>S</scp>ymbiodinium</i> sp.. Journal of Phycology, 2014, 50, 1035-1047.	1.0	87
105	Transforming management of tropical coastal seas to cope with challenges of the 21st century. Marine Pollution Bulletin, 2014, 85, 8-23.	2.3	118
106	Interdependency of tropical marine ecosystems in response to climate change. Nature Climate Change, 2014, 4, 724-729.	8.1	75
107	The Catlin Seaview Survey â€" kilometreâ€scale seascape assessment, and monitoring of coral reef ecosystems. Aquatic Conservation: Marine and Freshwater Ecosystems, 2014, 24, 184-198.	0.9	66
108	Transcriptome Analysis of the Scleractinian Coral Stylophora pistillata. PLoS ONE, 2014, 9, e88615.	1.1	49

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109	Summary for Policymakers. , 2014, , 45-64.		1
110	SymbioGBR: a web-based database of Symbiodinium associated with cnidarian hosts on the Great Barrier Reef. BMC Ecology, 2013, 13, 7.	3.0	56
111	Sponge biomass and bioerosion rates increase under ocean warming and acidification. Global Change Biology, 2013, 19, 3581-3591.	4.2	113
112	Cyclone damage at mesophotic depths on Myrmidon Reef (GBR). Coral Reefs, 2013, 32, 935-935.	0.9	43
113	Methods to quantify components of the excavating sponge <i><scp>C</scp>liona orientalis </i><scp>T</scp>hiele, 1900. Marine Ecology, 2013, 34, 193-206.	0.4	22
114	Sharing the slope: depth partitioning of agariciid corals and associated Symbiodinium across shallow and mesophotic habitats (2-60Âm) on a Caribbean reef. BMC Evolutionary Biology, 2013, 13, 205.	3.2	94
115	Light from down under. Journal of Experimental Biology, 2013, 216, 4341-6.	0.8	7
116	Mixed responses of tropical Pacific fisheries and aquaculture to climate change. Nature Climate Change, 2013, 3, 591-599.	8.1	251
117	Limiting global warming to 2â€‰Â°C is unlikely to save most coral reefs. Nature Climate Change, 2013, 3, 165-170.	8.1	410
118	Future reef decalcification under a business-as-usual CO ₂ emission scenario. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15342-15347.	3.3	152
119	High natural gene expression variation in the reef-building coral Acropora millepora: potential for acclimative and adaptive plasticity. BMC Genomics, 2013, 14, 228.	1.2	51
120	Newâ€old hemoglobinâ€like proteins of symbiotic dinoflagellates. Ecology and Evolution, 2013, 3, 822-834.	0.8	12
121	Increased Cell Proliferation and Mucocyte Density in the Sea Anemone Aiptasia pallida Recovering from Bleaching. PLoS ONE, 2013, 8, e65015.	1.1	16
122	Assessing â€œDangerous Climate Changeâ€: Required Reduction of Carbon Emissions to Protect Young People, Future Generations and Nature. PLoS ONE, 2013, 8, e81648.	1.1	448
123	Host-Specific Interactions with Environmental Factors Shape the Distribution of Symbiodinium across the Great Barrier Reef. PLoS ONE, 2013, 8, e68533.	1.1	57
124	Climate change and marine life. Biology Letters, 2012, 8, 907-909.	1.0	60
125	A single-cell view of ammonium assimilation in coralâ€“dinoflagellate symbiosis. ISME Journal, 2012, 6, 1314-1324.	4.4	230
126	A short-term in situ CO2 enrichment experiment on Heron Island (GBR). Scientific Reports, 2012, 2, 413.	1.6	104

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127	Climate variability of the Great Barrier Reef in relation to the tropical Pacific and El NiÃ±o-Southern Oscillation. Marine and Freshwater Research, 2012, 63, 34.	0.7	20
128	Coral Reefs, Climate Change, and Mass Extinction. , 2012, , 261-283.		5
129	Resistance to thermal stress in corals without changes in symbiont composition. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1100-1107.	1.2	132
130	The need for new ocean conservation strategies in a high-carbon dioxide world. Nature Climate Change, 2012, 2, 720-724.	8.1	89
131	Australian politiciansâ€™ beliefs about climate change: political partisanship and political ideology. Environmental Politics, 2012, 21, 712-733.	3.4	163
132	Thermal priming affects symbiont photosynthesis but does not alter bleaching susceptibility in Acropora millepora. Journal of Experimental Marine Biology and Ecology, 2012, 432-433, 64-72.	0.7	29
133	Thermal Stress Promotes Host Mitochondrial Degradation in Symbiotic Cnidarians: Are the Batteries of the Reef Going to Run Out?. PLoS ONE, 2012, 7, e39024.	1.1	84
134	Major Cellular and Physiological Impacts of Ocean Acidification on a Reef Building Coral. PLoS ONE, 2012, 7, e34659.	1.1	262
135	Mushroom corals overcome live burial through pulsed inflation. Coral Reefs, 2012, 31, 399-399.	0.9	40
136	Taxonomy and species boundaries in the coral genus Favia Milne Edwards and Haime, 1857 (Cnidaria:) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	12
137	INTERACTIONS BETWEEN OCEAN ACIDIFICATION AND WARMING ON THE MORTALITY AND DISSOLUTION OF CORALLINE ALGAE¹. Journal of Phycology, 2012, 48, 32-39.	1.0	166
138	Ocean acidification reduces coral recruitment by disrupting intimate larvalâ€algal settlement interactions. Ecology Letters, 2012, 15, 338-346.	3.0	185
139	Coral Thermal Tolerance: Tuning Gene Expression to Resist Thermal Stress. PLoS ONE, 2012, 7, e50685.	1.1	140
140	The adaptation of coral reefs to climate change: Is the Red Queen being outpaced?. Scientia Marina, 2012, 76, 403-408.	0.3	28
141	Agree and ignore: the looming crisis for coral reef ecosystems. , 2012, , 99-106.		0
142	Complex Diel Cycles of Gene Expression in Coral-Algal Symbiosis. Science, 2011, 331, 175-175.	6.0	112
143	Regulation of Apoptotic Mediators Reveals Dynamic Responses to Thermal Stress in the Reef Building Coral Acropora millepora. PLoS ONE, 2011, 6, e16095.	1.1	85
144	Present Limits to Heat-Adaptability in Corals and Population-Level Responses to Climate Extremes. PLoS ONE, 2011, 6, e24802.	1.1	140

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145	The Ecology of â€˜Acroporid White Syndrome', a Coral Disease from the Southern Great Barrier Reef. PLoS ONE, 2011, 6, e26829.	1.1	32
146	Ocean acidification and warming will lower coral reef resilience. Global Change Biology, 2011, 17, 1798-1808.	4.2	277
147	IMPORTANCE OF MACRO- VERSUS MICROSTRUCTURE IN MODULATING LIGHT LEVELS INSIDE CORAL COLONIES1. Journal of Phycology, 2011, 47, 846-860.	1.0	57
148	Fine-scale patterns of species and phylogenetic turnover in a global biodiversity hotspot: Implications for climate change vulnerability. Journal of Vegetation Science, 2011, 22, 766-780.	1.1	22
149	Coral reef ecosystems and anthropogenic climate change. Regional Environmental Change, 2011, 11, 215-227.	1.4	202
150	Validation of Housekeeping Genes for Gene Expression Studies in Symbiodinium Exposed to Thermal and Light Stress. Marine Biotechnology, 2011, 13, 355-365.	1.1	75
151	Mesophotic coral ecosystems on the walls of Coral Sea atolls. Coral Reefs, 2011, 30, 335-335.	0.9	32
152	Gene expression profiles of cytosolic heat shock proteins Hsp70 and Hsp90 from symbiotic dinoflagellates in response to thermal stress: possible implications for coral bleaching. Cell Stress and Chaperones, 2011, 16, 69-80.	1.2	152
153	Adaptive divergence in a scleractinian coral: physiological adaptation of Seriatopora hystrix to shallow and deep reef habitats. BMC Evolutionary Biology, 2011, 11, 303.	3.2	93
154	Difficult but not impossible. Nature Climate Change, 2011, 1, 72-72.	8.1	18
155	The Future of Coral Reefs. Science, 2011, 334, 1494-1495.	6.0	30
156	Revisiting climate thresholds and ecosystem collapse. Frontiers in Ecology and the Environment, 2011, 9, 94-96.	1.9	24
157	Climate change impedes scleractinian corals as primary reef ecosystem engineers. Marine and Freshwater Research, 2011, 62, 205.	0.7	210
158	The Impact of Climate Change on Coral Reef Ecosystems. , 2011, , 391-403.		41
159	Shared Skeletal Support in a Coral-Hydroid Symbiosis. PLoS ONE, 2011, 6, e20946.	1.1	16
160	Symbiodinium diversity in mesophotic coral communities on the Great Barrier Reef: a first assessment. Marine Ecology - Progress Series, 2011, 439, 117-126.	0.9	53
161	A comparative study of methods for surface area and threeâ€dimensional shape measurement of coral skeletons. Limnology and Oceanography: Methods, 2010, 8, 241-253.	1.0	60
162	The relative contribution of dinoflagellate photosynthesis and stored lipids to the survivorship of symbiotic larvae of the reef-building corals. Marine Biology, 2010, 157, 1215-1224.	0.7	86

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163	Broadcast spawning patterns of Favia species on the inshore reefs of Thailand. Coral Reefs, 2010, 29, 227-234.	0.9	18
164	The impact of benthic algae on the settlement of a reef-building coral. Coral Reefs, 2010, 29, 203-208.	0.9	112
165	Assessing the â€˜deep reef refugiaâ€™ hypothesis: focus on Caribbean reefs. Coral Reefs, 2010, 29, 309-327.	0.9	485
166	The Capricorn Eddy: a prominent driver of the ecology and future of the southern Great Barrier Reef. Coral Reefs, 2010, 29, 975-985.	0.9	52
167	Increasing the accuracy of surface area estimation using single wax dipping of coral fragments. Coral Reefs, 2010, 29, 893-897.	0.9	126
168	Presence of Symbiodinium spp. in macroalgal microhabitats from the southern Great Barrier Reef. Coral Reefs, 2010, 29, 1049-1060.	0.9	28
169	A method for extracting a high-quality RNA from Symbiodinium sp.. Journal of Applied Phycology, 2010, 22, 139-146.	1.5	30
170	Making a Model Meaningful to Coral Reef Managers in a Developing Nation: a Case Study of Overfishing and Rock Anchoring in Indonesia. Conservation Biology, 2010, 24, 1316-1326.	2.4	12
171	Stramenopile Microorganisms Associated with the Massive Coral <i>Favia</i> sp.. Journal of Eukaryotic Microbiology, 2010, 57, 236-244.	0.8	32
172	Longâ€standing environmental conditions, geographic isolation and hostâ€“symbiont specificity influence the relative ecological dominance and genetic diversification of coral endosymbionts in the genus <i>Symbiodinium</i>. Journal of Biogeography, 2010, 37, 785-800.	1.4	342
173	Dangerous shifts in ocean ecosystem function?. ISME Journal, 2010, 4, 1090-1092.	4.4	11
174	Shallow-water wave lensing in coral reefs: a physical and biological case study. Journal of Experimental Biology, 2010, 213, 4304-4312.	0.8	28
175	Differential Regulation by Heat Stress of Novel Cytochrome P450 Genes from the Dinoflagellate Symbionts of Reef-Building Corals. Applied and Environmental Microbiology, 2010, 76, 2823-2829.	1.4	55
176	Heating rate and symbiont productivity are key factors determining thermal stress in the reef-building coral <i>Acropora formosa</i>. Journal of Experimental Biology, 2010, 213, 1026-1034.	0.8	68
177	The Impact of Climate Change on the Worldâ€™s Marine Ecosystems. Science, 2010, 328, 1523-1528.	6.0	2,244
178	Analysis of evolutionarily conserved innate immune components in coral links immunity and symbiosis. Developmental and Comparative Immunology, 2010, 34, 1219-1229.	1.0	111
179	Paleo-perspectives on ocean acidification. Trends in Ecology and Evolution, 2010, 25, 332-344.	4.2	157
180	The coral proto - free ocean carbon enrichment system (CP-FOCE): Engineering and development. , 2010, , .		11

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