Peter J Mumby

List of Publications by Year
in descending order

329 papers	35,919 citations	3531 90 h-index	4117 175 g-index
339 all docs	339 docs citations	339 times ranked	23025 citing authors

#	Article	IF	Citations
1	Projecting coral responses to intensifying marine heatwaves under ocean acidification. Global Change Biology, 2022, 28, 1753-1765.	9.5	32
2	Cumulative impacts across Australiaâ€™s Great Barrier Reef: aÂmechanistic evaluation. Ecological Monographs, 2022, 92, .	5.4	16
3	The importance of 1.5Â°C warming for the Great Barrier Reef. Global Change Biology, 2022, 28, 1332-1341.	9.5	16
4	Cryptic coral recruits as dormant â€œseed banksâ€: An unrecognized mechanism of rapid reef recovery. Ecology, 2022, 103, e3621.	3.2	4
5	Revisiting the evidentiary basis for ecological cascades with conservation impacts. Conservation Letters, 2022, 15, .	5.7	4
6	A roadmap to integrating resilience into the practice of coral reef restoration. Global Change Biology, 2022, 28, 4751-4764.	9.5	27
7	Combined direct and indirect impacts of warming on the productivity of coral reef fishes. Ecosphere, 2022, 13, .	2.2	3
8	Coupled beta diversity patterns among coral reef benthic taxa. Oecologia, 2021, 195, 225-234.	2.0	4
9	Ecology: Returning Caribbean Coral Reefs to Their Former Glory. Current Biology, 2021, 31, R188-R190.	3.9	2
10	Revisiting the paradigm of sharkâ€driven trophic cascades in coral reef ecosystems. Ecology, 2021, 102, e03303.	3.2	18
11	Marine reserves, fisheries ban, and 20 years of positive change in a coral reef ecosystem. Conservation Biology, 2021, 35, 1473-1483.	4.7	22
12	Designing a blueprint for coral reef survival. Biological Conservation, 2021, 257, 109107.	4.1	82
13	Evolution reverses the effect of network structure on metapopulation persistence. Ecology, 2021, 102, e03381.	3.2	14
14	Evolution and connectivity influence the persistence and recovery of coral reefs under climate change in the Caribbean, Southwest Pacific, and Coral Triangle. Global Change Biology, 2021, 27, 4307-4321.	9.5	39
15	Important ecosystem function, low redundancy and high vulnerability: The trifecta argument for protecting the Great Barrier Reef's tabular Acropora. Conservation Letters, 2021, 14, e12817.	5.7	16
16	Fine-Tuning Heat Stress Algorithms to Optimise Global Predictions of Mass Coral Bleaching. Remote Sensing, 2021, 13, 2677.	4.0	11
17	Scaling the effects of ocean acidification on coral growth and coralâ€“coral competition on coral community recovery. PeerJ, 2021, 9, e11608.	2.0	4
18	Reconnecting reef recovery in a world of coral bleaching. Limnology and Oceanography: Methods, 2021, 19, 702-713.	2.0	8

#	Article	IF	Citations
19	Benthic microâ€•and macroâ€•community succession and coral recruitment under overfishing and nutrient enrichment. Ecology, 2021, 102, e03536.	3.2	12
20	The biology and ecology of coral rubble and implications for the future of coral reefs. Coral Reefs, 2021, 40, 1769-1806.	2.2	34
21	Integrating environmental variability to broaden the research on coral responses to future ocean conditions. Global Change Biology, 2021, 27, 5532-5546.	9.5	23
22	Cumulative bleaching undermines systemic resilience of the Great Barrier Reef. Current Biology, 2021, 31, 5385-5392.e4.	3.9	30
23	Knowledge Gaps in the Biology, Ecology, and Management of the Pacific Crown-of-Thorns Sea StarAcanthastersp. on Australiaâ€™s Great Barrier Reef. Biological Bulletin, 2021, 241, 330-346.	1.8	25
24	An MPA Design Approach to Benefit Fisheries: Maximising Larval Export and Minimising Redundancy. Diversity, 2021, 13, 586.	1.7	0
25	Impacts of the 2014â€“2017 global bleaching event on a protected remote atoll in the Western Indian Ocean. Coral Reefs, 2020, 39, 15-26.	2.2	20
26	Two-dimensional modelling of wave dynamics and wave forces on fringing coral reefs. Coastal Engineering, 2020, 155, 103594.	4.0	20
27	Growth responses of branching versus massive corals to ocean warming on the Great Barrier Reef, Australia. Science of the Total Environment, 2020, 705, 135908.	8.0	9
28	Cryptic diversity in the macroalgal genus Lobophora (Dictyotales) reveals environmental drivers of algal assemblages. Marine Biology, 2020, 167, 1.	1.5	5
29	RUbble Biodiversity Samplers: 3Dâ€printed coral models to standardize biodiversity censuses. Methods in Ecology and Evolution, 2020, 11, 1395-1400.	5.2	11
30	Bestâ€practice forestry management delivers diminishing returns for coral reefs with increased landâ€clearing. Journal of Applied Ecology, 2020, 57, 2381-2392.	4.0	23
31	Spatial patterns of microbial communities across surface waters of the Great Barrier Reef. Communications Biology, 2020, 3, 442.	4.4	30
32	Interventions to help coral reefs under global changeâ€”A complex decision challenge. PLoS ONE, 2020, 15, e0236399.	2.5	70
33	Lengthâ€“weight relationships to quantify biomass for motile coral reef cryptofauna. Coral Reefs, 2020, 39, 1649-1660.	2.2	10
34	Sedimentation and overfishing drive changes in early succession and coral recruitment. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20202575.	2.6	23
35	The effects of rubble mobilisation on coral fragment survival, partial mortality and growth. Journal of Experimental Marine Biology and Ecology, 2020, 533, 151467.	1.5	19
36	Refuge-dependent herbivory controls a key macroalga on coral reefs. Coral Reefs, 2020, 39, 953-965.	2.2	12

#	Article	IF	Citations
37	The commercially important shoemaker spinefoot, Siganus sutor , connects coral reefs to neighbouring seagrass meadows. Journal of Fish Biology, 2020, 96, 1034-1044.	1.6	3
38	Near-reef and nearshore tropical cyclone wave climate in the Great Barrier Reef with and without reef structure. Coastal Engineering, 2020, 157, 103652.	4.0	17
39	Benthic-based contributions to climate change mitigation and adaptation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190107.	4.0	30
40	Resilience Concepts and Their Application to Coral Reefs. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	12
41	Habitat maps to enhance monitoring and management of the Great Barrier Reef. Coral Reefs, 2020, 39, 1039-1054.	2.2	29
42	Evaluating sustainable development policies in rural coastal economies. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 33170-33176.	7.1	18
43	Multi-decadal changes in structural complexity following mass coral mortality on a Caribbean reef. Biogeosciences, 2020, 17, 5909-5918.	3.3	9
44	Response: Commentary: Managing Recovery Resilience in Coral Reefs Against Climate-Induced Bleaching and Hurricanes: A 15 Year Case Study From Bonaire, Dutch Caribbean. Frontiers in Marine Science, 2020, 7, .	2.5	0
45	Transient Grazing and the Dynamics of an Unanticipated Coralâ€“Algal Phase Shift. Ecosystems, 2019, 22, 296-311.	3.4	22
46	Split spawning increases robustness of coral larval supply and inter-reef connectivity. Nature Communications, 2019, 10, 3463.	12.8	35
47	Asymmetric dispersal is a critical element of concordance between biophysical dispersal models and spatial genetic structure in Great Barrier Reef corals. Diversity and Distributions, 2019, 25, 1684-1696.	4.1	27
48	Management for network diversity speeds evolutionary adaptation to climate change. Nature Climate Change, 2019, 9, 632-636.	18.8	59
49	Temporal stability of Orbicella annularis symbioses: a case study in The Bahamas. Bulletin of Marine Science, 2019, 95, 289-304.	0.8	1
50	Quantitative decision support tools facilitate social-ecological alignment in community-based marine protected area design. Ecology and Society, 2019, 24, .	2.3	16
51	Mangroves reduce the vulnerability of coral reef fisheries to habitat degradation. PLoS Biology, 2019, 17, e3000510.	5.6	20
52	Preferences and perceptions of the recreational spearfishery of the Great Barrier Reef. PLoS ONE, 2019, 14, e0221855.	2.5	5
53	Motivations, success, and cost of coral reef restoration. Restoration Ecology, 2019, 27, 981-991.	2.9	92
54	Managing Recovery Resilience in Coral Reefs Against Climate-Induced Bleaching and Hurricanes: A 15 Year Case Study From Bonaire, Dutch Caribbean. Frontiers in Marine Science, 2019, 6, .	2.5	57

#	Article	IF	Citations
55	Stage-specific effects of Lobophora on the recruitment success of a reef-building coral. Coral Reefs, 2019, 38, 489-498.	2.2	18
56	Seascapes as drivers of herbivore assemblages in coral reef ecosystems. Ecological Monographs, 2019, 89, e01336.	5.4	33
57	Survival of a grey reef shark Carcharhinus amblyrhynchos without a dorsal fin. Journal of Fish Biology, 2019, 94, 820-822.	1.6	3
58	The future of resilience-based management in coral reef ecosystems. Journal of Environmental Management, 2019, 233, 291-301.	7.8	143
59	A guide to modelling priorities for managing landâ€based impacts on coastal ecosystems. Journal of Applied Ecology, 2019, 56, 1106-1116.	4.0	28
60	Coral reef habitat mapping: A combination of object-based image analysis and ecological modelling. Remote Sensing of Environment, 2018, 208, 27-41.	11.0	99
61	Seagrass Organic Carbon Stocks Show Minimal Variation Over Short Time Scales in a Heterogeneous Subtropical Seascape. Estuaries and Coasts, 2018, 41, 1732-1743.	2.2	9
62	Predicting the impact of logging activities on soil erosion and water quality in steep, forested tropical islands. Environmental Research Letters, 2018, 13, 044035.	5.2	28
63	Vulnerability of the Great Barrier Reef to climate change and local pressures. Global Change Biology, 2018, 24, 1978-1991.	9.5	92
64	Vertical accretion and carbon burial rates in subtropical seagrass meadows increased following anthropogenic pressure from European colonisation. Estuarine, Coastal and Shelf Science, 2018, 202, 40-53.	2.1	32
65	Fisheries productivity under progressive coral reef degradation. Journal of Applied Ecology, 2018, 55, 1041-1049.	4.0	101
66	High refuge availability on coral reefs increases the vulnerability of reefâ€associated predators to overexploitation. Ecology, 2018, 99, 450-463.	3.2	36
67	On the prevalence and dynamics of inverted trophic pyramids and otherwise topâ€heavy communities. Ecology Letters, 2018, 21, 439-454.	6.4	92
68	Microherbivores are significant grazers on Palauâ€™s forereefs. Marine Biology, 2018, 165, 1.	1.5	8
69	Seagrass ecosystem trajectory depends on the relative timescales of resistance, recovery and disturbance. Marine Pollution Bulletin, 2018, 134, 166-176.	5.0	108
70	Reserve Sizes Needed to Protect Coral Reef Fishes. Conservation Letters, 2018, 11, e12415.	5.7	24
71	Food, money and lobsters: Valuing ecosystem services to align environmental management with Sustainable Development Goals. Ecosystem Services, 2018, 29, 56-69.	5.4	24
72	Acute drivers influence recent inshore Great Barrier Reef dynamics. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20182063.	2.6	20

#	Article	IF	Citations
73	Editorial: The Future of Coral Reefs Subject to Rapid Climate Change: Lessons From Natural Extreme Environments. Frontiers in Marine Science, 2018, 5, .	2.5	17
74	Decline of coastal apex shark populations over the past half century. Communications Biology, 2018, 1, 223.	4.4	98
75	Response to Bode and colleagues: â€˜Resilient reefs may exist, but can larval dispersal models find them?â€™. PLoS Biology, 2018, 16, e2007047.	5.6	4
76	Contribution of individual rivers to Great Barrier Reef nitrogen exposure with implications for management prioritization. Marine Pollution Bulletin, 2018, 133, 30-43.	5.0	19
77	Paradigm Lost: Dynamic Nutrients and Missing Detritus on Coral Reefs. BioScience, 2018, 68, 487-495.	4.9	19
78	Coral reef applications of Sentinel-2: Coverage, characteristics, bathymetry and benthic mapping with comparison to Landsat 8. Remote Sensing of Environment, 2018, 216, 598-614.	11.0	162
79	Communicating physics-based wave model predictions of coral reefs using Bayesian belief networks. Environmental Modelling and Software, 2018, 108, 123-132.	4.5	11
80	The Future of Coral Reefs Subject to Rapid Climate Change: Lessons from Natural Extreme Environments. Frontiers in Marine Science, 2018, 5, .	2.5	136
81	Revisiting â€œSuccessâ€•and â€œFailureâ€•of Marine Protected Areas: A Conservation Scientist Perspective. Frontiers in Marine Science, 2018, 5, .	2.5	174
82	Modelling and mapping regionalâ€scale patterns of fishing impact and fish stocks to support coralâ€reef management in Micronesia. Diversity and Distributions, 2018, 24, 1729-1743.	4.1	20
83	Remote Sensing of Coral Bleaching Using Temperature and Light: Progress towards an Operational Algorithm. Remote Sensing, 2018, 10, 18.	4.0	54
84	Impaired recovery of the Great Barrier Reef under cumulative stress. Science Advances, 2018, 4, eaar6127.	10.3	103
85	Attenuating effects of ecosystem management on coral reefs. Science Advances, 2018, 4, eaao5493.	10.3	68
86	Loss of coral reef growth capacity to track future increases in sea level. Nature, 2018, 558, 396-400.	27.8	250
87	A framework for identifying and characterising coral reef â€œoasesâ€•against a backdrop of degradation. Journal of Applied Ecology, 2018, 55, 2865-2875.	4.0	58
88	Factors affecting tolerance to herbivory in a calcifying alga on coral reefs. Marine Biology, 2017, 164, 1.	1.5	2
89	Effects of ocean acidification on the potency of macroalgal allelopathy to a common coral. Scientific Reports, 2017, 7, 41053.	3.3	29
90	Avoiding a crisis of motivation for ocean management under global environmental change. Global Change Biology, 2017, 23, 4483-4496.	9.5	21

#	Article	IF	Citations
91	Response to â€œRebutting the inclined analyses on the costâ€effectiveness and feasibility of coral reef restorationâ€• Ecological Applications, 2017, 27, 1974-1980.	3.8	3
92	Trends and frontiers for the science and management of the oceans. Current Biology, 2017, 27, R431-R434.	3.9	20
93	Mass spawning aggregation of the giant bumphead parrotfish Bolbometopon muricatum. Journal of Fish Biology, 2017, 91, 354-361.	1.6	10
94	Seagrass morphometrics at species level in Moreton Bay, Australia from 2012 to 2013. Scientific Data, 2017, 4, 170060.	5.3	4
95	Embracing a world of subtlety and nuance on coral reefs. Coral Reefs, 2017, 36, 1003-1011.	2.2	38
96	Use of skeletal Sr/Ca ratios to determine growth patterns in a branching coral Isopora palifera. Marine Biology, 2017, 164, 1.	1.5	7
97	Capacity shortfalls hinder the performance of marine protected areas globally. Nature, 2017, 543, 665-669.	27.8	630
98	Incorporating larval dispersal into <scp>MPA</scp> design for both conservation and fisheries. Ecological Applications, 2017, 27, 925-941.	3.8	83
99	New interventions are needed to save coral reefs. Nature Ecology and Evolution, 2017, 1, 1420-1422.	7.8	182
100	A novel framework for analyzing conservation impacts: evaluation, theory, and marine protected areas. Annals of the New York Academy of Sciences, 2017, 1399, 93-115.	3.8	69
101	Tracing the influence of land-use change on water quality and coral reefs using a Bayesian model. Scientific Reports, 2017, 7, 4740.	3.3	42
102	A Genuine Winâ€Win: Resolving the â€œConserve or Catchâ€•Conflict in Marine Reserve Network Design. Conservation Letters, 2017, 10, 555-563.	5.7	16
103	Sensitivity of coral recruitment to subtle shifts in early community succession. Ecology, 2017, 98, 304-314.	3.2	46
104	Multiple Stressors and the Functioning of Coral Reefs. Annual Review of Marine Science, 2017, 9, 445-468.	11.6	124
105	Interpreting coral reef monitoring data: A guide for improved management decisions. Ecological Indicators, 2017, 72, 848-869.	6.3	59
106	Winners and losers as mangrove, coral and seagrass ecosystems respond to sea-level rise in Solomon Islands. Environmental Research Letters, 2017, 12, 094009.	5.2	42
107	Detecting conservation benefits of marine reserves on remote reefs of the northern GBR. PLoS ONE, 2017, 12, e0186146.	2.5	19
108	Connectivity and systemic resilience of the Great Barrier Reef. PLoS Biology, 2017, 15, e2003355.	5.6	117

#	Article	IF	Citations
109	The shape of success in a turbulent world: wave exposure filtering of coral reef herbivory. Functional Ecology, 2017, 31, 1312-1324.	3.6	54
110	Marine Reserve Targets to Sustain and Rebuild Unregulated Fisheries. PLoS Biology, 2017, 15, e2000537.	5.6	48
111	The influence of resilience-based management on coral reef monitoring: A systematic review. PLoS ONE, 2017, 12, e0172064.	2.5	31
112	Habitat change mediates the response of coral reef fish populations to terrestrial run-off. Marine Ecology - Progress Series, 2017, 576, 55-68.	1.9	25
113	Stratifying herbivore fisheries by habitat to avoid ecosystem overfishing of coral reefs. Fish and Fisheries, 2016, 17, 266-278.	5.3	45
114	Remote Sensing of Coral Reefs for Monitoring and Management: A Review. Remote Sensing, 2016, 8, 118.	4.0	252
115	Quantifying Multiscale Habitat Structural Complexity: A Cost-Effective Framework for Underwater 3D Modelling. Remote Sensing, 2016, 8, 113.	4.0	80
116	Direct and indirect effects of nursery habitats on coralâ€reef fish assemblages, grazing pressure and benthic dynamics. Oikos, 2016, 125, 957-967.	2.7	22
117	High resilience masks underlying sensitivity to algal phase shifts of Pacific coral reefs. Oikos, 2016, 125, 644-655.	2.7	74
118	A critique of claims for negative impacts of Marine Protected Areas on fisheries. Ecological Applications, 2016, 26, 637-641.	3.8	20
119	The cost and feasibility of marine coastal restoration. Ecological Applications, 2016, 26, 1055-1074.	3.8	495
120	Organic carbon in seagrass sediments is influenced by seagrass canopy complexity, turbidity, wave height, and water depth. Limnology and Oceanography, 2016, 61, 938-952.	3.1	139
121	Linking the biology and ecology of key herbivorous unicornfish to fisheries management in the Pacific. Aquatic Conservation: Marine and Freshwater Ecosystems, 2016, 26, 790-805.	2.0	16
122	Controlling range expansion in habitat networks by adaptively targeting source populations. Conservation Biology, 2016, 30, 856-866.	4.7	28
123	Characterizing the ecological tradeâ€offs throughout the early ontogeny of coral recruitment. Ecological Monographs, 2016, 86, 20-44.	5.4	153
124	Tradeoffs between fisheries harvest and the resilience of coral reefs. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4536-4541.	7.1	124
125	Climate change disables coral bleaching protection on the Great Barrier Reef. Science, 2016, 352, 338-342.	12.6	375
126	Reconciling Development and Conservation under Coastal Squeeze from Rising Sea Level. Conservation Letters, 2016, 9, 361-368.	5.7	43

#	Article	IF	Citations
127	Quantifying the squeezing or stretching of fisheries as they adapt to displacement by marine reserves. Conservation Biology, 2016, 30, 166-175.	4.7	17
128	A typology of timeâ€scale mismatches and behavioral interventions to diagnose and solve conservation problems. Conservation Biology, 2016, 30, 42-49.	4.7	31
129	Symbiodinium biogeography tracks environmental patterns rather than host genetics in a key Caribbean reef-builder, Orbicella annularis. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161938.	2.6	25
130	Reassessing Shark-Driven Trophic Cascades on Coral Reefs: A Reply to Ruppert et al .. Trends in Ecology and Evolution, 2016, 31, 587-589.	8.7	14
131	Uniting paradigms of connectivity in marine ecology. Ecology, 2016, 97, 2447-2457.	3.2	33
132	Tectonic subsidence provides insight into possible coral reef futures under rapid sea-level rise. Coral Reefs, 2016, 35, 155-167.	2.2	25
133	Temporal clustering of tropical cyclones on the Great Barrier Reef and its ecological importance. Coral Reefs, 2016, 35, 613-623.	2.2	40
134	Parrotfish sex ratios recover rapidly in Bermuda following a fishing ban. Coral Reefs, 2016, 35, 421-425.	2.2	14
135	The effect of structurally complex corals and herbivory on the dynamics of Halimeda. Coral Reefs, 2016, 35, 597-609.	2.2	21
136	The Ecological Role of Sharks on Coral Reefs. Trends in Ecology and Evolution, 2016, 31, 395-407.	8.7	209
137	Asymmetric competition prevents the outbreak of an opportunistic species after coral reef degradation. Oecologia, 2016, 181, 161-173.	2.0	18
138	Reef flattening effects on total richness and species responses in the <scp>C</scp>aribbean. Journal of Animal Ecology, 2015, 84, 1678-1689.	2.8	74
139	Fisheries and biodiversity benefits of using static versus dynamic models for designing marine reserve networks. Ecosphere, 2015, 6, art182.	2.2	23
140	Disentangling traitâ€based mortality in species with decoupled size and age. Journal of Animal Ecology, 2015, 84, 1446-1456.	2.8	4
141	Decadalâ€scale rates of reef erosion following El NiÃ±oâ€related mass coral mortality. Global Change Biology, 2015, 21, 4415-4424.	9.5	30
142	Global inequities between polluters and the polluted: climate change impacts on coral reefs. Global Change Biology, 2015, 21, 3982-3994.	9.5	40
143	Scientific frontiers in the management of coral reefs. Frontiers in Marine Science, 2015, 2, .	2.5	48
144	Linking Demographic Processes of Juvenile Corals to Benthic Recovery Trajectories in Two Common Reef Habitats. PLoS ONE, 2015, 10, e0128535.	2.5	103

#	Article	IF	Citations
145	Coral bleaching under unconventional scenarios of climate warming and ocean acidification. Nature Climate Change, 2015, 5, 777-781.	18.8	53
146	Exposure-driven macroalgal phase shift following catastrophic disturbance on coral reefs. Coral Reefs, 2015, 34, 715-725.	2.2	42
147	Spatial and temporal variability of seagrass at Lizard Island, Great Barrier Reef. Botanica Marina, 2015, 58, 35-49.	1.2	14
148	The dynamics of architectural complexity on coral reefs under climate change. Global Change Biology, 2015, 21, 223-235.	9.5	85
149	The IPBES Conceptual Framework â€" connecting nature and people. Current Opinion in Environmental Sustainability, 2015, 14, 1-16.	6.3	1,658
150	Delineating optimal settlement areas of juvenile reef fish in Ngederrak Reef, Koror state, Republic of Palau. Environmental Monitoring and Assessment, 2015, 187, 4089.	2.7	3
151	Biogeochemical implications of biodiversity and community structure across multiple coastal ecosystems. Ecological Monographs, 2015, 85, 117-132.	5.4	23
152	Operationalizing resilience for adaptive coral reef management under global environmental change. Global Change Biology, 2015, 21, 48-61.	9.5	201
153	Coralâ€"algal phase shifts alter fish communities and reduce fisheries production. Global Change Biology, 2015, 21, 165-172.	9.5	51
154	Widespread prevalence of cryptic Symbiodinium D in the key Caribbean reef builder, Orbicella annularis. Coral Reefs, 2015, 34, 519-531.	2.2	22
155	Impact of sea-level rise on cross-shore sediment transport on fetch-limited barrier reef island beaches under modal and cyclonic conditions. Marine Pollution Bulletin, 2015, 97, 188-198.	5.0	16
156	Executivesâ€™ engagement with climate science and perceived need for business adaptation to climate change. Climatic Change, 2015, 131, 321-333.	3.6	32
157	Phase shift facilitation following cyclone disturbance on coral reefs. Oecologia, 2015, 178, 1193-1203.	2.0	48
158	Quantifying the reliability of dispersal paths in connectivity networks. Journal of the Royal Society Interface, 2015, 12, 20150013.	3.4	18
159	Resilience metrics to inform ecosystem management under global change with application to coral reefs. Methods in Ecology and Evolution, 2015, 6, 1088-1096.	5.2	29
160	Regionalâ€scale dominance of nonâ€framework building corals on Caribbean reefs affects carbonate production and future reef growth. Global Change Biology, 2015, 21, 1153-1164.	9.5	101
161	Hierarchical spatial patterns in Caribbean reef benthic assemblages. Journal of Biogeography, 2015, 42, 1327-1335.	3.0	44
162	Integrating regional conservation priorities for multiple objectives into national policy. Nature Communications, 2015, 6, 8208.	12.8	113

#	Article	IF	Citations
163	The role of surgeonfish (Acanthuridae) in maintaining algal turf biomass on coral reefs. Journal of Experimental Marine Biology and Ecology, 2015, 473, 152-160.	1.5	53
164	Larval dispersal and movement patterns of coral reef fishes, and implications for marine reserve network design. Biological Reviews, 2015, 90, 1215-1247.	10.4	304
165	Synergistic impacts of global warming on the resilience of coral reefs. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130267.	4.0	73
166	A holistic view of marine regime shifts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130279.	4.0	131
167	Minimizing the Shortâ€Term Impacts of Marine Reserves on Fisheries While Meeting Longâ€Term Goals for Recovery. Conservation Letters, 2015, 8, 180-189.	5.7	36
168	Anticipative management for coral reef ecosystem services in the 21st century. Global Change Biology, 2015, 21, 504-514.	9.5	105
169	Protection of functionally important parrotfishes increases their biomass but fails to deliver enhanced recruitment. Marine Ecology - Progress Series, 2015, 522, 245-254.	1.9	23
170	Importance of differentiating Orbicella reefs from gorgonian plains for ecological assessments of Caribbean reefs. Marine Ecology - Progress Series, 2015, 530, 93-101.	1.9	27
171	Redefining Thermal Regimes to Design Reserves for Coral Reefs in the Face of Climate Change. PLoS ONE, 2014, 9, e110634.	2.5	24
172	Mangrove Habitat Use by Juvenile Reef Fish: Meta-Analysis Reveals that Tidal Regime Matters More than Biogeographic Region. PLoS ONE, 2014, 9, e114715.	2.5	108
173	The tropicalization of temperate marine ecosystems: climate-mediated changes in herbivory and community phase shifts. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140846.	2.6	679
174	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.	4.9	23
175	Connectivity networks reveal the risks of crownâ€ofâ€thorns starfish outbreaks on the Great Barrier Reef. Journal of Applied Ecology, 2014, 51, 1188-1196.	4.0	81
176	Habitat and body size effects on the isotopic niche space of invasive lionfish and endangered Nassau grouper. Ecosphere, 2014, 5, 1-11.	2.2	27
177	Habitat collapse due to overgrazing threatens turtle conservation in marine protected areas. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132890.	2.6	123
178	Changing dynamics of Caribbean reef carbonate budgets: emergence of reef bioeroders as critical controls on present and future reef growth potential. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20142018.	2.6	76
179	Global disparity in the ecological benefits of reducing carbon emissions for coral reefs. Nature Climate Change, 2014, 4, 1090-1094.	18.8	51
180	An Ecosystem-Level Perspective on the Host and Symbiont Traits Needed to Mitigate Climate Change Impacts on Caribbean Coral Reefs. Ecosystems, 2014, 17, 1-13.	3.4	18

#	Article	IF	Citations
181	Impact of sea-level rise and coral mortality on the wave dynamics and wave forces on barrier reefs. Marine Pollution Bulletin, 2014, 83, 155-164.	5.0	41
182	Ecological resilience, robustness and vulnerability: how do these concepts benefit ecosystem management?. Current Opinion in Environmental Sustainability, 2014, 7, 22-27.	6.3	131
183	Consistent nutrient storage and supply mediated by diverse fish communities in coral reef ecosystems. Global Change Biology, 2014, 20, 2459-2472.	9.5	76
184	Resilience of branching and massive corals to wave loading under sea level rise â€“ A coupled computational fluid dynamics-structural analysis. Marine Pollution Bulletin, 2014, 86, 91-101.	5.0	40
185	Approaches to defining a planetary boundary for biodiversity. Global Environmental Change, 2014, 28, 289-297.	7.8	236
186	Changes in the spear fishery of herbivores associated with closed grouper season in Palau, Micronesia. Animal Conservation, 2014, 17, 133-143.	2.9	21
187	Transforming management of tropical coastal seas to cope with challenges of the 21st century. Marine Pollution Bulletin, 2014, 85, 8-23.	5.0	118
188	A mid-term analysis of progress toward international biodiversity targets. Science, 2014, 346, 241-244.	12.6	949
189	Porites and the Phoenix effect: unprecedented recovery after a mass coral bleaching event at Rangiroa Atoll, French Polynesia. Marine Biology, 2014, 161, 1385-1393.	1.5	45
190	Reef-scale failure of coral settlement following typhoon disturbance and macroalgal bloom in Palau, Western Pacific. Coral Reefs, 2014, 33, 613-623.	2.2	45
191	What spatial scales are believable for climate model projections of sea surface temperature?. Climate Dynamics, 2014, 43, 1483-1496.	3.8	15
192	Tradeâ€offs between fisheries and the conservation of ecosystem function are defined by management strategy. Frontiers in Ecology and the Environment, 2014, 12, 324-329.	4.0	25
193	High vulnerability of ecosystem function and services to diversity loss in Caribbean coral reefs. Biological Conservation, 2014, 171, 186-194.	4.1	100
194	Interdependency of tropical marine ecosystems in response to climate change. Nature Climate Change, 2014, 4, 724-729.	18.8	75
195	Vulnerability of Coral Reef Fisheries to a Loss of Structural Complexity. Current Biology, 2014, 24, 1000-1005.	3.9	255
196	Adapting to the impacts of global change on an artisanal coral reef fishery. Ecological Economics, 2014, 102, 118-125.	5.7	23
197	Consequences of Ecological, Evolutionary and Biogeochemical Uncertainty for Coral Reef Responses to Climatic Stress. Current Biology, 2014, 24, R413-R423.	3.9	57
198	Operationalizing the Resilience of Coral Reefs in an Era of Climate Change. Conservation Letters, 2014, 7, 176-187.	5.7	96

#	Article	IF	Citations
199	Consistency and inconsistency in multispecies population network dynamics of coral reef ecosystems. Marine Ecology - Progress Series, 2014, 499, 1-18.	1.9	78
200	Experiment mimics fishing on parrotfish: insights on coral reef recovery and alternative attractors. Marine Ecology - Progress Series, 2014, 506, 115-127.	1.9	80
201	Coastal retreat and improved water quality mitigate losses of seagrass from sea level rise. Global Change Biology, 2013, 19, 2569-2583.	9.5	99
202	Life-history traits of a common Caribbean coral-excavating sponge,Cliona tenuis(Porifera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td	0.5	11
203	Reefs of last resort: Locating and assessing thermal refugia in the wider Caribbean. Biological Conservation, 2013, 167, 179-186.	4.1	49
204	Reciprocal facilitation and nonâ€linearity maintain habitat engineering on coral reefs. Oikos, 2013, 122, 428-440.	2.7	54
205	Caribbean-wide decline in carbonate production threatens coral reef growth. Nature Communications, 2013, 4, 1402.	12.8	291
206	Can a thermally tolerant symbiont improve the future of <scp>C</scp>aribbean coral reefs?. Global Change Biology, 2013, 19, 273-281.	9.5	64
207	Quantifying temporal change in biodiversity: challenges and opportunities. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20121931.	2.6	178
208	Evidence for and against the existence of alternate attractors on coral reefs. Oikos, 2013, 122, 481-491.	2.7	98
209	Caribbean coral growth influenced by anthropogenic aerosol emissions. Nature Geoscience, 2013, 6, 362-366.	12.9	20
210	Empirical relationships among resilience indicators on Micronesian reefs. Coral Reefs, 2013, 32, 213-226.	2.2	59
211	Macroalgal associations of motile epifaunal invertebrate communities on coral reefs. Marine Ecology, 2013, 34, 409-419.	1.1	15
212	FORUM: Sustaining ecosystem functions in a changing world: a call for an integrated approach. Journal of Applied Ecology, 2013, 50, 1124-1130.	4.0	37
213	Avoiding Coral Reef Functional Collapse Requires Local and Global Action. Current Biology, 2013, 23, 912-918.	3.9	252
214	Hurricane-Driven Patterns of Clonality in an Ecosystem Engineer: The Caribbean Coral Montastraea annularis. PLoS ONE, 2013, 8, e53283.	2.5	59
215	Ecological risk and the exploitation of herbivorous reef fish across Micronesia. Marine Ecology - Progress Series, 2013, 482, 197-215.	1.9	48
216	Fishing down a Caribbean food web relaxes trophic cascades. Marine Ecology - Progress Series, 2012, 445, 13-24.	1.9	107

#	Article	IF	Citations
217	LIFE HISTORIES OFFER A CLUE TO THE FUTURE OF INFECTIOUS DISEASE ON CORAL REEFS. ANZIAM Journal, 2012, 54, 64-73.	0.2	0
218	Physical environments of the Caribbean Sea. Limnology and Oceanography, 2012, 57, 1233-1244.	3.1	87
219	Impacts of macroalgal competition and parrotfish predation on the growth of a common bioeroding sponge. Marine Ecology - Progress Series, 2012, 444, 133-142.	1.9	38
220	Multi-scale, object-based image analysis for mapping geomorphic and ecological zones on coral reefs. International Journal of Remote Sensing, 2012, 33, 3768-3797.	2.9	231
221	Microhabitat use of juvenile coral reef fish in Palau. Environmental Biology of Fishes, 2012, 95, 355-370.	1.0	11
222	Global disparity in the resilience of coral reefs. Trends in Ecology and Evolution, 2012, 27, 404-413.	8.7	384
223	Interactions among chronic and acute impacts on coral recruits: the importance of sizeâ€escape thresholds. Ecology, 2012, 93, 2131-2138.	3.2	75
224	Size matters in competition between corals and macroalgae. Marine Ecology - Progress Series, 2012, 467, 77-88.	1.9	54
225	Revisiting the functional roles of the surgeonfish Acanthurus nigrofuscus and Ctenochaetus striatus. Coral Reefs, 2012, 31, 1093-1101.	2.2	50
226	Interaction of herbivory and seasonality on the dynamics of Caribbean macroalgae. Coral Reefs, 2012, 31, 683-692.	2.2	64
227	Estimating rates of biologically driven coral reef framework production and erosion: a new census-based carbonate budget methodology and applications to the reefs of Bonaire. Coral Reefs, 2012, 31, 853-868.	2.2	162
228	Environmental and Sensor Limitations in Optical Remote Sensing of Coral Reefs: Implications for Monitoring and Sensor Design. Remote Sensing, 2012, 4, 271-302.	4.0	96
229	Effects of Marine Reserves versus Nursery Habitat Availability on Structure of Reef Fish Communities. PLoS ONE, 2012, 7, e36906.	2.5	73
230	Prioritizing Key Resilience Indicators to Support Coral Reef Management in a Changing Climate. PLoS ONE, 2012, 7, e42884.	2.5	204
231	The effectiveness of different meso-scale rugosity metrics for predicting intra-habitat variation in coral-reef fish assemblages. Environmental Biology of Fishes, 2012, 94, 431-442.	1.0	88
232	Predicting the distribution of Montastraea reefs using wave exposure. Coral Reefs, 2012, 31, 493-503.	2.2	76
233	Seasonal and spatial heterogeneity of recent sea surface temperature trends in the Caribbean Sea and southeast Gulf of Mexico. Marine Pollution Bulletin, 2012, 64, 956-965.	5.0	90
234	Connectivity of Caribbean coral populations: complementary insights from empirical and modelled gene flow. Molecular Ecology, 2012, 21, 1143-1157.	3.9	162

#	Article	IF	Citations
235	Ocean acidification reduces coral recruitment by disrupting intimate larvalâ€algal settlement interactions. Ecology Letters, 2012, 15, 338-346.	6.4	185
236	The effect of fishing on hysteresis in Caribbean coral reefs. Theoretical Ecology, 2012, 5, 105-114.	1.0	63
237	Detecting end-member structural and biological elements of a coral reef using a single-beam acoustic ground discrimination system. International Journal of Remote Sensing, 2011, 32, 7749-7776.	2.9	4
238	The Resilience of Coral Reefs and Its Implications for Reef Management. , 2011, , 509-519.		21
239	A model-based approach to determine the long-term effects of multiple interacting stressors on coral reefs. , 2011, 21, 2722-2733.		36
240	Biotic and multi-scale abiotic controls of habitat quality: their effect on coral-reef fishes. Marine Ecology - Progress Series, 2011, 437, 201-214.	1.9	31
241	Reserve design for uncertain responses of coral reefs to climate change. Ecology Letters, 2011, 14, 132-140.	6.4	145
242	Ocean acidification and warming will lower coral reef resilience. Global Change Biology, 2011, 17, 1798-1808.	9.5	277
243	How much time can herbivore protection buy for coral reefs under realistic regimes of hurricanes and coral bleaching?. Global Change Biology, 2011, 17, 2033-2048.	9.5	54
244	Novel Ecosystems: Altering Fish Assemblages in Warming Waters. Current Biology, 2011, 21, R822-R824.	3.9	24
245	The role of sponge competition on coral reef alternative steady states. Ecological Modelling, 2011, 222, 1847-1853.	2.5	69
246	Predicting structural complexity of reefs and fish abundance using acoustic remote sensing (RoxAnn). Marine Biology, 2011, 158, 489-504.	1.5	34
247	Optimizing for multiple species and multiple values: tradeoffs inherent in ecosystemâ€based fisheries management. Conservation Letters, 2011, 4, 21-30.	5.7	59
248	Climate change induces demographic resistance to disease in novel coral assemblages. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1967-1969.	7.1	52
249	Revisiting climate thresholds and ecosystem collapse. Frontiers in Ecology and the Environment, 2011, 9, 94-96.	4.0	24
250	Temporal clustering of tropical cyclones and its ecosystem impacts. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17626-17630.	7.1	72
251	Reply to Jordan-Garza et al.: Demographic dynamism as an additional mechanism of coral disease resistance. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E112-E112.	7.1	0
252	Grouper as a Natural Biocontrol of Invasive Lionfish. PLoS ONE, 2011, 6, e21510.	2.5	116

#	Article	IF	Citations
253	Spatial Patterns of Parrotfish Corallivory in the Caribbean: The Importance of Coral Taxa, Density and Size. PLoS ONE, 2011, 6, e29133.	2.5	18
254	Combining optical and acoustic data to enhance the detection of Caribbean forereef habitats. Remote Sensing of Environment, 2010, 114, 2768-2778.	11.0	28
255	Conservation management approaches to protecting the capacity for corals to respond to climate change: a theoretical comparison. Global Change Biology, 2010, 16, 1229-1246.	9.5	58
256	Monitoring Coral Reefs from Space. Oceanography, 2010, 23, 118-133.	1.0	41
257	Crucial knowledge gaps in current understanding of climate change impacts on coral reef fishes. Journal of Experimental Biology, 2010, 213, 894-900.	1.7	82
258	Conservation planning for connectivity across marine, freshwater, and terrestrial realms. Biological Conservation, 2010, 143, 565-575.	4.1	220
259	Incorporating ontogenetic dispersal, ecological processes and conservation zoning into reserve design. Biological Conservation, 2010, 143, 457-470.	4.1	71
260	Rising to the challenge of sustaining coral reef resilience. Trends in Ecology and Evolution, 2010, 25, 633-642.	8.7	872
261	Disentangling trophic interactions inside a Caribbean marine reserve. , 2010, 20, 1979-1992.		35
262	Marine Reserves Enhance the Recovery of Corals on Caribbean Reefs. PLoS ONE, 2010, 5, e8657.	2.5	259
263	Effects of physical environmental conditions on the patch dynamics of Dictyota pulchella and Lobophora variegata on Caribbean coral reefs. Marine Ecology - Progress Series, 2010, 403, 63-74.	1.9	36
264	Running the gauntlet: inhibitory effects of algal turfs on the processes of coral recruitment. Marine Ecology - Progress Series, 2010, 414, 91-105.	1.9	245
265	Upwelling areas do not guarantee refuge for coral reefs in a warming ocean. Marine Ecology - Progress Series, 2010, 416, 47-56.	1.9	69
266	Monitoring Biodiversity from space: The ESA DIVERSITY project. , 2009, , .		0
267	Recent Region-wide Declines in Caribbean Reef Fish Abundance. Current Biology, 2009, 19, 590-595.	3.9	238
268	Modelling the dynamics of coral reef macroalgae using a Bayesian belief network approach. Ecological Modelling, 2009, 220, 1305-1314.	2.5	57
269	Mapping ecosystem functions to the valuation of ecosystem services: implications of speciesâ€“habitat associations for coastal land-use decisions. Theoretical Ecology, 2009, 2, 67-77.	1.0	61
270	Herbivory versus corallivory: are parrotfish good or bad for Caribbean coral reefs?. Coral Reefs, 2009, 28, 683-690.	2.2	129

#	Article	IF	Citations
271	Phase shifts and the stability of macroalgal communities on Caribbean coral reefs. Coral Reefs, 2009, 28, 761-773.	2.2	186
272	Reduced density of the herbivorous urchin DiademaÂantillarum inside a Caribbean marine reserve linked to increased predation pressure by fishes. Coral Reefs, 2009, 28, 783-791.	2.2	48
273	The effects of ecologically determined spatial complexity on the classification accuracy of simulated coral reef images. Remote Sensing of Environment, 2009, 113, 965-978.	11.0	26
274	The impact of ecosystem connectivity on coral reef resilience. Journal of Applied Ecology, 2008, 45, 854-862.	4.0	149
275	Coral Reef Habitats as Surrogates of Species, Ecological Functions, and Ecosystem Services. Conservation Biology, 2008, 22, 941-951.	4.7	114
276	Reserve effects and natural variation in coral reef communities. Journal of Applied Ecology, 2008, 45, 1010-1018.	4.0	50
277	TROPICAL COASTAL HABITATS AS SURROGATES OF FISH COMMUNITY STRUCTURE, GRAZING, AND FISHERIES VALUE. Ecological Applications, 2008, 18, 1689-1701.	3.8	57
278	Coral Adaptation in the Face of Climate Change. Science, 2008, 320, 315-316.	12.6	37
279	Coral reef management and conservation in light of rapidly evolving ecological paradigms. Trends in Ecology and Evolution, 2008, 23, 555-563.	8.7	496
280	Competitive effects of macroalgae on the fecundity of the reef-building coral Montastraea annularis. Marine Ecology - Progress Series, 2008, 367, 143-152.	1.9	77
281	Trophic cascade facilitates coral recruitment in a marine reserve. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8362-8367.	7.1	328
282	OPTIMAL SCALES TO OBSERVE HABITAT DYNAMICS: A CORAL REEF EXAMPLE. , 2007, 17, 641-647.		24
283	Coral Reefs Under Rapid Climate Change and Ocean Acidification. Science, 2007, 318, 1737-1742.	12.6	4,578
284	Thresholds and the resilience of Caribbean coral reefs. Nature, 2007, 450, 98-101.	27.8	724
285	Sexual vs. asexual reproduction in an ecosystem engineer: the massive coral Montastraea annularis. Journal of Animal Ecology, 2007, 76, 384-391.	2.8	86
286	Effect of macroalgal competition on growth and survival of juvenile Caribbean corals. Marine Ecology - Progress Series, 2007, 342, 139-149.	1.9	268
287	The Functional Value of Caribbean Coral Reef, Seagrass and Mangrove Habitats to Ecosystem Processes. Advances in Marine Biology, 2006, 50, 57-189.	1.4	111
288	The Impact Of Exploiting Grazers (Scaridae) On The Dynamics Of Caribbean Coral Reefs. , 2006, 16, 747-769.		303

#	Article	IF	Citations
289	MODELING THE BETA DIVERSITY OF CORAL REEFS. Ecology, 2006, 87, 2871-2881.	3.2	100
290	Metapopulation Dynamics of Hard Corals. , 2006, , 157-203.		6
291	Connectivity of reef fish between mangroves and coral reefs: Algorithms for the design of marine reserves at seascape scales. Biological Conservation, 2006, 128, 215-222.	4.1	231
292	Fishing, Trophic Cascades, and the Process of Grazing on Coral Reefs. Science, 2006, 311, 98-101.	12.6	738
293	A seascape-level perspective of coral reef ecosystems. , 2006, , 78-114.		4
294	Revisiting the catastrophic die-off of the urchin Diadema antillarum on Caribbean coral reefs: Fresh insights on resilience from a simulation model. Ecological Modelling, 2006, 196, 131-148.	2.5	118
295	Patch dynamics of coral reef macroalgae under chronic and acute disturbance. Coral Reefs, 2005, 24, 681-692.	2.2	88
296	Technical note: Simple and robust removal of sun glint for mapping shallowâ€water benthos. International Journal of Remote Sensing, 2005, 26, 2107-2112.	2.9	370
297	Mangroves enhance the biomass of coral reef fish communities in the Caribbean. Nature, 2004, 427, 533-536.	27.8	861
298	Phosphorus and nitrogen enrichment do not enhance brown frondose â€œmacroalgaeâ€• Marine Pollution Bulletin, 2004, 48, 196-199.	5.0	24
299	Remote sensing of coral reefs and their physical environment. Marine Pollution Bulletin, 2004, 48, 219-228.	5.0	259
300	Spectral unmixing of coral reef benthos under ideal conditions. Coral Reefs, 2004, 23, 60-73.	2.2	81
301	The cover of living and dead corals from airborne remote sensing. Coral Reefs, 2004, 23, 171.	2.2	80
302	Multi-site evaluation of IKONOS data for classification of tropical coral reef environments. Remote Sensing of Environment, 2003, 88, 128-143.	11.0	289
303	Remote sensing of the coastal zone: An overview and priorities for future research. International Journal of Remote Sensing, 2003, 24, 2805-2815.	2.9	148
304	A remote sensing method for resolving depth and subpixel composition of aquatic benthos. Limnology and Oceanography, 2003, 48, 480-488.	3.1	66
305	Biological and remote sensing perspectives of pigmentation in coral reef organisms. Advances in Marine Biology, 2002, 43, 277-317.	1.4	78
306	Statistical power of non-parametric tests: A quick guide for designing sampling strategies. Marine Pollution Bulletin, 2002, 44, 85-87.	5.0	44

#	Article	IF	Citations
307	Revisiting coral reef connectivity. Coral Reefs, 2002, 21, 43-48.	2.2	97
308	Mapping marine environments with IKONOS imagery: enhanced spatial resolution can deliver greater thematic accuracy. Remote Sensing of Environment, 2002, 82, 248-257.	11.0	295
309	Spatial Patterns of Aggression, Territory Size, and Harem Size in Five Sympatric Caribbean Parrotfish Species. Environmental Biology of Fishes, 2002, 63, 265-279.	1.0	101
310	Unprecedented bleaching-induced mortality in Porites spp. at Rangiroa Atoll, French Polynesia. Marine Biology, 2001, 139, 183-189.	1.5	90
311	Beta and habitat diversity in marine systems: a new approach to measurement, scaling and interpretation. Oecologia, 2001, 128, 274-280.	2.0	50
312	A bird's-eye view of the health of coral reefs. Nature, 2001, 413, 36-36.	27.8	56
313	Cloudy weather may have saved Society Island reef corals during the 1998 ENSO event. Marine Ecology - Progress Series, 2001, 222, 209-216.	1.9	182
314	Spectral discrimination of coral mortality states following a severe bleaching event. International Journal of Remote Sensing, 2000, 21, 2321-2327.	2.9	91
315	The cost-effectiveness of remote sensing for tropical coastal resources assessment and management. Journal of Environmental Management, 1999, 55, 157-166.	7.8	216
316	Development of a systematic classification scheme of marine habitats to facilitate regional management and mapping of Caribbean coral reefs. Biological Conservation, 1999, 88, 155-163.	4.1	176
317	Can Caribbean coral populations be modelled at metapopulation scales?. Marine Ecology - Progress Series, 1999, 180, 275-288.	1.9	26
318	Bleaching and hurricane disturbances to populations of coral recruits in Belize. Marine Ecology - Progress Series, 1999, 190, 27-35.	1.9	128
319	Digital analysis of multispectral airborne imagery of coral reefs. Coral Reefs, 1998, 17, 59-69.	2.2	114
320	Remote sensing techniques for mangrove mapping. International Journal of Remote Sensing, 1998, 19, 935-956.	2.9	261
321	Benefits of water column correction and contextual editing for mapping coral reefs. International Journal of Remote Sensing, 1998, 19, 203-210.	2.9	167
322	Cover Mapping and measurement of tropical coastal environments with hyperspectral and high spatial resolution data. International Journal of Remote Sensing, 1997, 18, 237-242.	2.9	65
323	Estimating leaf area index of mangroves from satellite data. Aquatic Botany, 1997, 58, 11-19.	1.6	119
324	Coral reef habitat mapping: how much detail can remote sensing provide?. Marine Biology, 1997, 130, 193-202.	1.5	227

#	Article	IF	Citations
325	A visual assessment technique for estimating seagrass standing crop. , 1997, 7, 239-251.		28
326	Measurement of seagrass standing crop using satellite and digital airborne remote sensing. Marine Ecology - Progress Series, 1997, 159, 51-60.	1.9	99
327	Weighting species abundance estimates for marine resource assessment. , 1996, 6, 115-120.		14
328	A review of remote sensing for the assessment and management of tropical coastal resources. Coastal Management, 1996, 24, 1-40.	2.0	225
329	Geographic information systems: A tool for integrated coastal zone management in Belize. Coastal Management, 1995, 23, 111-121.	2.0	37