John M Pandolfi

List of Publications by Year
in descending order

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194 papers	30,837 citations	25034 57 h-index	4774 169 g-index

203 all docs	203 docs citations	203 times ranked	24913 citing authors

#	Article	IF	Citations
1	Historical Overfishing and the Recent Collapse of Coastal Ecosystems. Science, 2001, 293, 629-637.	12.6	5,242
2	Climate Change, Human Impacts, and the Resilience of Coral Reefs. Science, 2003, 301, 929-933.	12.6	3,124
3	Global warming and recurrent mass bleaching of corals. Nature, 2017, 543, 373-377.	27.8	2,363
4	Biodiversity redistribution under climate change: Impacts on ecosystems and human well-being. Science, 2017, 355, .	12.6	2,026
5	Global Trajectories of the Long-Term Decline of Coral Reef Ecosystems. Science, 2003, 301, 955-958.	12.6	1,634
6	Global imprint of climate change on marine life. Nature Climate Change, 2013, 3, 919-925.	18.8	1,602
7	Spatial and temporal patterns of mass bleaching of corals in the Anthropocene. Science, 2018, 359, 80-83.	12.6	1,515
8	The Pace of Shifting Climate in Marine and Terrestrial Ecosystems. Science, 2011, 334, 652-655.	12.6	1,062
9	Projecting Coral Reef Futures Under Global Warming and Ocean Acidification. Science, 2011, 333, 418-422.	12.6	1,001
10	The broad footprint of climate change from genes to biomes to people. Science, 2016, 354, .	12.6	883
11	Reconciliaion of late Quaternary sea levels derived from coral terraces at Huon Peninsula with deep sea oxygen isotope records. Earth and Planetary Science Letters, 1996, 141, 227-236.	4.4	625
12	Geographical limits to species-range shifts are suggested by climate velocity. Nature, 2014, 507, 492-495.	27.8	436
13	Hopping Hotspots: Global Shifts in Marine Biodiversity. Science, 2008, 321, 654-657.	12.6	408
14	Climate velocity and the future global redistribution of marine biodiversity. Nature Climate Change, 2016, 6, 83-88.	18.8	405
15	ECOLOGY: Enhanced: Are U.S. Coral Reefs on the Slippery Slope to Slime?. Science, 2005, 307, 1725-1726.	12.6	393
16	Predicting evolutionary responses to climate change in the sea. Ecology Letters, 2013, 16, 1488-1500.	6.4	340
17	Escaping the heat: range shifts of reef coral taxa in coastal Western Australia. Global Change Biology, 2008, 14, 513-528.	9.5	221
18	Extinctions in ancient and modern seas. Trends in Ecology and Evolution, 2012, 27, 608-617.	8.7	221

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19	Limited membership in Pleistocene reef coral assemblages from the Huon Peninsula, Papua New Guinea: constancy during global change. Paleobiology, 1996, 22, 152-176.	2.0	212
20	Ecological persistence interrupted in Caribbean coral reefs. Ecology Letters, 2006, 9, 818-826.	6.4	212
21	The Coral Trait Database, a curated database of trait information for coral species from the global oceans. Scientific Data, 2016, 3, 160017.	5.3	189
22	Socialâ€“environmental drivers inform strategic management of coral reefs in the Anthropocene. Nature Ecology and Evolution, 2019, 3, 1341-1350.	7.8	175
23	Coral reef conservation in the Anthropocene: Confronting spatial mismatches and prioritizing functions. Biological Conservation, 2019, 236, 604-615.	4.1	175
24	Ecological and methodological drivers of speciesâ€™ distribution and phenology responses to climate change. Global Change Biology, 2016, 22, 1548-1560.	9.5	162
25	A Trait-Based Approach to Advance Coral Reef Science. Trends in Ecology and Evolution, 2016, 31, 419-428.	8.7	161
26	Managing consequences of climateâ€driven species redistribution requires integration of ecology, conservation and social science. Biological Reviews, 2018, 93, 284-305.	10.4	154
27	Conserving potential coral reef refuges at high latitudes. Diversity and Distributions, 2014, 20, 245-257.	4.1	146
28	Understanding interactions between plasticity, adaptation and range shifts in response to marine environmental change. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180186.	4.0	145
29	Long-Term Stasis in Ecological Assemblages: Evidence from the Fossil Record. Annual Review of Ecology, Evolution, and Systematics, 2004, 35, 285-322.	8.3	144
30	No-take areas, herbivory and coral reef resilience. Trends in Ecology and Evolution, 2007, 22, 1-3.	8.7	141
31	Coral community dynamics at multiple scales. Coral Reefs, 2002, 21, 13-23.	2.2	129
32	Global ecological impacts of marine exotic species. Nature Ecology and Evolution, 2019, 3, 787-800.	7.8	128
33	Climate Velocity Can Inform Conservation in a Warming World. Trends in Ecology and Evolution, 2018, 33, 441-457.	8.7	124
34	Shifting ecological baselines and the demise of Acropora cervicornis in the western North Atlantic and Caribbean Province: a Pleistocene perspective. Coral Reefs, 1998, 17, 249-261.	2.2	122
35	Quantitative approaches in climate change ecology. Global Change Biology, 2011, 17, 3697-3713.	9.5	121
36	Traitâ€mediated environmental filtering drives assembly at biogeographic transition zones. Ecology, 2014, 95, 1000-1009.	3.2	115

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37	Paleontological baselines for evaluating extinction risk in the modern oceans. Science, 2015, 348, 567-570.	12.6	111
38	Response of Pleistocene Coral Reefs to Environmental Change Over Long Temporal Scales. American Zoologist, 1999, 39, 113-130.	0.7	106
39	Palaeoecological evidence of a historical collapse of corals at Pelorus Island, inshore Great Barrier Reef, following European settlement. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122100.	2.6	102
40	Population genetics of Australian white sharks reveals fine-scale spatial structure, transoceanic dispersal events and low effective population sizes. Marine Ecology - Progress Series, 2012, 455, 229-244.	1.9	100
41	Evolutionary Novelty Is Concentrated at the Edge of Coral Species Distributions. Science, 2010, 328, 1558-1561.	12.6	91
42	Equatorial decline of reef corals during the last Pleistocene interglacial. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21378-21383.	7.1	90
43	Shifting base-lines, declining coral cover, and the erosion of reef resilience: comment on Sweatman et al. (2011). Coral Reefs, 2011, 30, 653-660.	2.2	86
44	Filling historical data gaps to foster solutions in marine conservation. Ocean and Coastal Management, 2015, 115, 31-40.	4.4	81
45	Widespread loss of Caribbean acroporid corals was underway before coral bleaching and disease outbreaks. Science Advances, 2020, 6, eaax9395.	10.3	81
46	Empty Niches after Extinctions Increase Population Sizes of Modern Corals. Current Biology, 2016, 26, 3190-3194.	3.9	79
47	Discerning the timing and cause of historical mortality events in modern Porites from the Great Barrier Reef. Geochimica Et Cosmochimica Acta, 2014, 138, 57-80.	3.9	76
48	Successive Isolation Rather Than Evolutionary Centres for the Origination of Indo-Pacific Reef Corals. Journal of Biogeography, 1992, 19, 593.	3.0	75
49	Thresholds and multiple scale interaction of environment, resource use, and market proximity on reef fishery resources in the Solomon Islands. Biological Conservation, 2009, 142, 1797-1807.	4.1	75
50	Testing the precision and accuracy of the Uâ€“Th chronometer for dating coral mortality events in the last 100 years. Quaternary Geochronology, 2014, 23, 35-45.	1.4	74
51	A comparison of taxonomic composition and diversity between reef coral life and death assemblages in Madang Lagoon, Papua New Guinea. Palaeogeography, Palaeoclimatology, Palaeoecology, 1996, 119, 321-341.	2.3	73
52	Incorporating Uncertainty in Predicting the Future Response of Coral Reefs to Climate Change. Annual Review of Ecology, Evolution, and Systematics, 2015, 46, 281-303.	8.3	64
53	Historical Reconstruction Reveals Recovery in Hawaiian Coral Reefs. PLoS ONE, 2011, 6, e25460.	2.5	63
54	Instability in a marginal coral reef: the shift from natural variability to a humanâ€dominated seascape. Frontiers in Ecology and the Environment, 2011, 9, 154-160.	4.0	63

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55	Community Structure of Pleistocene Coral Reefs of Curacao, Netherlands Antilles. Ecological Monographs, 2001, 71, 49.	5.4	62
56	Taphonomic Alteration of Reef Corals: Effects of Reef Environment and Coral Growth Form. I. The Great Barrier Reef. Palaios, 1997, 12, 27.	1.3	61
57	Community structure of Quaternary coral reefs compared with Recent life and death assemblages. Paleobiology, 2001, 27, 669-694.	2.0	60
58	Benthic foraminiferal assemblages from Moreton Bay, South-East Queensland, Australia: Applications in monitoring water and substrate quality in subtropical estuarine environments. Marine Pollution Bulletin, 2010, 60, 2062-2078.	5.0	60
59	Climate change and marine life. Biology Letters, 2012, 8, 907-909.	2.3	60
60	Sea-level history of past interglacial periods from uranium-series dating of corals, CuraÃ§ao, Leeward Antilles islands. Quaternary Research, 2012, 78, 157-169.	1.7	58
61	Decline in growth of foraminifer <scp>M</scp>arginopora rossi under eutrophication and ocean acidification scenarios. Global Change Biology, 2013, 19, 291-302.	9.5	56
62	Gaining insights from past reefs to inform understanding of coral reef response to global climate change. Current Opinion in Environmental Sustainability, 2014, 7, 52-58.	6.3	56
63	Refugia under threat: Mass bleaching of coral assemblages in highâ€latitude eastern Australia. Global Change Biology, 2019, 25, 3918-3931.	9.5	56
64	Reconsidering Ocean Calamities. BioScience, 2015, 65, 130-139.	4.9	55
65	Spatial variability of initial 230Th/232Th in modern Porites from the inshore region of the Great Barrier Reef. Geochimica Et Cosmochimica Acta, 2012, 78, 99-118.	3.9	53
66	Ghost reefs: Nautical charts document large spatial scale of coral reef loss over 240 years. Science Advances, 2017, 3, e1603155.	10.3	50
67	Are coral reefs victims of their own past success?. Science Advances, 2016, 2, e1500850.	10.3	49
68	U-Th dating reveals regional-scale decline of branching Acropora corals on the Great Barrier Reef over the past century. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10350-10355.	7.1	49
69	Nutrient-supplying ocean currents modulate coral bleaching susceptibility. Science Advances, 2020, 6, .	10.3	48
70	Influence of local habitat on the physiological responses of large benthic foraminifera to temperature and nutrient stress. Scientific Reports, 2016, 6, 21936.	3.3	47
71	Distribution, abundance and diversity of crustose coralline algae on the Great Barrier Reef. Coral Reefs, 2015, 34, 581-594.	2.2	46
72	Strengthening confidence in climate change impact science. Global Ecology and Biogeography, 2015, 24, 64-76.	5.8	45

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73	Differential response to abiotic stress controls species distributions at biogeographic transition zones. Ecography, 2018, 41, 478-490.	4.5	44
74	Broadening the taxonomic scope of coral reef palaeoecological studies using ancient DNA. Molecular Ecology, 2019, 28, 2636-2652.	3.9	44
75	CHARACTER RELEASE FOLLOWING EXTINCTION IN A CARIBBEAN REEF CORAL SPECIES COMPLEX. Evolution; International Journal of Organic Evolution, 2002, 56, 479-501.	2.3	43
76	Taphonomic Alteration of Reef Corals: Effects of Reef Environment and Coral Growth Form II: The Florida Keys. Palaios, 2003, 18, 495-509.	1.3	43
77	Ocean acidification induces biochemical and morphological changes in the calcification process of large benthic foraminifera. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142782.	2.6	43
78	Setting the Record Straight: Assessing the Reliability of Retrospective Accounts of Change. Conservation Letters, 2016, 9, 98-105.	5.7	43
79	The molecular biogeography of the Indoâ€Pacific: Testing hypotheses with multispecies genetic patterns. Global Ecology and Biogeography, 2019, 28, 943-960.	5.8	43
80	Preservation of community structure in death assemblages of deep-water Caribbean reef corals. Limnology and Oceanography, 1997, 42, 1505-1516.	3.1	40
81	Pleistocene reef environments, constituent grains, and coral community structure: CuraÃ§ao, Netherlands Antilles. Coral Reefs, 1999, 18, 107-122.	2.2	39
82	Age accuracy and resolution of Quaternary corals used as proxies for sea level. Earth and Planetary Science Letters, 2007, 253, 37-49.	4.4	38
83	Symbiosis and microbiome flexibility in calcifying benthic foraminifera of the Great Barrier Reef. Microbiome, 2017, 5, 38.	11.1	38
84	Variation in sensitivity of large benthic Foraminifera to the combined effects of ocean warming and local impacts. Scientific Reports, 2017, 7, 45227.	3.3	38
85	High-precision U-series dating of very young cyclone-transported coral reef blocks from Heron and Wistari reefs, southern Great Barrier Reef, Australia. Quaternary International, 2009, 195, 122-127.	1.5	37
86	Something old, something new: Historical perspectives provide lessons for blue growth agendas. Fish and Fisheries, 2020, 21, 774-796.	5.3	36
87	Indo-Pacific coral biogeography: a case study from the Acropora selago group. Australian Systematic Botany, 1991, 4, 199.	0.9	35
88	The transformation of Caribbean coral communities since humans. Ecology and Evolution, 2021, 11, 10098-10118.	1.9	35
89	Coseismic event of May 15, 1992, Huon Peninsula, Papua New Guinea: Comparison with Quaternary tectonic history. Geology, 1994, 22, 239.	4.4	32
90	Mass mortality following disturbance in Holocene coral reefs from Papua New Guinea. Geology, 2006, 34, 949.	4.4	32

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91	Projecting coral responses to intensifying marine heatwaves under ocean acidification. Global Change Biology, 2022, 28, 1753-1765.	9.5	32
92	Integrating Climate and Ocean Change Vulnerability into Conservation Planning. Coastal Management, 2012, 40, 651-672.	2.0	32
93	COMMUNITY STRUCTURE OF PLEISTOCENE CORAL REEFS OF CURAÃ‡AO, NETHERLANDS ANTILLES. Ecological Monographs, 2001, 71, 49-67.	5.4	31
94	Community dynamics of Pleistocene coral reefs during alternative climatic regimes. Ecology, 2010, 91, 191-200.	3.2	31
95	Marine extinction risk shaped by traitâ€“environment interactions over 500Âmillion years. Global Change Biology, 2015, 21, 3595-3607.	9.5	31
96	Overlapping species boundaries and hybridization within the Montastraea â€œannularisâ€•reef coral complex in the Pleistocene of the Bahama Islands. Paleobiology, 2004, 30, 396-425.	2.0	30
97	Coral Luminescence Identifies the Pacific Decadal Oscillation as a Primary Driver of River Runoff Variability Impacting the Southern Great Barrier Reef. PLoS ONE, 2014, 9, e84305.	2.5	30
98	EOCENE-MIOCENE SHALLOW-WATER CARBONATE PLATFORMS AND INCREASED HABITAT DIVERSITY IN SARAWAK, MALAYSIA. Palaios, 2014, 29, 378-391.	1.3	30
99	Nineteenth century narratives reveal historic catch rates for <scp>A</scp>ustralian snapper (<scp>P</scp>agrus auratus). Fish and Fisheries, 2016, 17, 210-225.	5.3	29
100	Transcending data gaps: a framework to reduce inferential errors in ecological analyses. Ecology Letters, 2018, 21, 1200-1210.	6.4	29
101	The effect of nutrient enrichment on the growth, nucleic acid concentrations, and elemental stoichiometry of coral reef macroalgae. Ecology and Evolution, 2012, 2, 1985-1995.	1.9	27
102	Holocene sea level instability in the southern Great Barrier Reef, Australia: high-precision Uâ€“Th dating of fossil microatolls. Coral Reefs, 2016, 35, 625-639.	2.2	27
103	Variable response of Red Sea coral communities to recent disturbance events along a latitudinal gradient. Marine Biology, 2021, 168, 1.	1.5	27
104	Novelty Trumps Loss in Global Biodiversity. Science, 2014, 344, 266-267.	12.6	26
105	Polymorphism in a common Atlantic reef coral (Montastraea cavernosa) and its long-term evolutionary implications. Evolutionary Ecology, 2012, 26, 265-290.	1.2	25
106	Inhibited growth in the photosymbiont-bearing foraminifer Marginopora vertebralis from the nearshore Great Barrier Reef, Australia. Marine Ecology - Progress Series, 2011, 435, 97-109.	1.9	25
107	Rapid accretion of inshore reef slopes from the central Great Barrier Reef during the late Holocene. Geology, 2015, 43, 343-346.	4.4	24
108	Increased extinction in the emergence of novel ecological communities. Science, 2020, 370, 220-222.	12.6	24

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109	The Paleoecology of Coral Reefs. , 2011, , 13-24.		23
110	The projected degradation of subtropical coral assemblages by recurrent thermal stress. Journal of Animal Ecology, 2021, 90, 233-247.	2.8	23
111	Integrating environmental variability to broaden the research on coral responses to future ocean conditions. Global Change Biology, 2021, 27, 5532-5546.	9.5	23
112	Research challenges to improve the management and conservation of subtropical reefs to tackle climate change threats. Ecological Management and Restoration, 2011, 12, e7-e10.	1.5	22
113	The impacts of flooding on the high-latitude, terrigenoclastic influenced coral reefs of Hervey Bay, Queensland, Australia. Coral Reefs, 2013, 32, 1149-1163.	2.2	21
114	Local and regional controls of phylogenetic structure at the high-latitude range limits of corals. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170915.	2.6	21
115	Geomorphology of the uplifted Pleistocene atoll at Henderson Island, Pitcairn Group. Biological Journal of the Linnean Society, 1995, 56, 63-77.	1.6	20
116	A NEW, EXTINCT PLEISTOCENE REEF CORAL FROM THE MONTASTRAEA â€œANNULARISâ€•SPECIES COMPLEX. Journal of Paleontology, 2007, 81, 472-482.	0.8	20
117	Ecological effects of nonâ€native species in marine ecosystems relate to coâ€occurring anthropogenic pressures. Global Change Biology, 2020, 26, 1248-1258.	9.5	20
118	Defining variation in pre-human ecosystems can guide conservation: An example from a Caribbean coral reef. Scientific Reports, 2020, 10, 2922.	3.3	20
119	Morphology and ecological zonation of Caribbean reef corals: the Montastraea â€˜annularisâ€™ species complex. Marine Ecology - Progress Series, 2008, 369, 89-102.	1.9	20
120	Holocene benthic foraminiferal assemblages indicate long-term marginality of reef habitats from Moreton Bay, Australia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 420, 49-64.	2.3	19
121	Changing light levels induce photo-oxidative stress and alterations in shell density of Amphistegina lobifera (Foraminifera). Marine Ecology - Progress Series, 2016, 549, 69-78.	1.9	19
122	A palaeobiological examination of the geological evidence for recurring outbreaks of the crown-of-thorns starfish, Acanthaster planci (L.). Coral Reefs, 1992, 11, 87-93.	2.2	18
123	Taphonomy of crown-of-thorns starfish: implications for recognizing ancient population outbreaks. Coral Reefs, 1995, 14, 91-97.	2.2	17
124	NUMERICAL AND TAXONOMIC SCALE OF ANALYSIS IN PALEOECOLOGICAL DATA SETS: EXAMPLES FROM NEO-TROPICAL PLEISTOCENE REEF CORAL COMMUNITIES. Journal of Paleontology, 2001, 75, 546-563.	0.8	16
125	Regional patterns of evolutionary turnover in Neogene coral reefs from the central Indo-West Pacific Ocean. Evolutionary Ecology, 2012, 26, 375-391.	1.2	16
126	Millennium-scale records of benthic foraminiferal communities from the central Great Barrier Reef reveal spatial differences and temporal consistency. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 374, 52-61.	2.3	16

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127	Climateâ€driven impacts of exotic species on marine ecosystems. Global Ecology and Biogeography, 2021, 30, 1043-1055.	5.8	16
128	Linking population size structure, heat stress and bleaching responses in a subtropical endemic coral. Coral Reefs, 2021, 40, 777-790.	2.2	16
129	Evidence of reduced midâ€Holocene ENSO variance on the Great Barrier Reef, Australia. Paleoceanography, 2016, 31, 1248-1260.	3.0	15
130	New evidence for â€œfar-fieldâ€•Holocene sea level oscillations and links to global climate records. Earth and Planetary Science Letters, 2018, 487, 67-73.	4.4	15
131	Temporal variability in the Holocene marine radiocarbon reservoir effect for the Tropical and South Pacific. Quaternary Science Reviews, 2020, 249, 106613.	3.0	15
132	Patch size drives settlement success and spatial distribution of coral larvae under space limitation. Coral Reefs, 2020, 39, 387-396.	2.2	15
133	Roles for worms in reef-building. Coral Reefs, 1998, 17, 120-120.	2.2	14
134	Species Differences Drive Nonneutral Structure in Pleistocene Coral Communities. American Naturalist, 2012, 180, 577-588.	2.1	14
135	The cumulative impacts of repeated heavy rainfall, flooding and altered water quality on the high-latitude coral reefs of Hervey Bay, Queensland, Australia. Marine Pollution Bulletin, 2015, 96, 356-367.	5.0	14
136	Historical photographs revisited: A case study for dating and characterizing recent loss of coral cover on the inshore Great Barrier Reef. Scientific Reports, 2016, 6, 19285.	3.3	14
137	Regional variation in Î´<scp>¹³C</scp> of coral reef macroalgae. Limnology and Oceanography, 2020, 65, 2291-2302.	3.1	14
138	Scope for latitudinal extension of reef corals is species specific. Frontiers of Biogeography, 2016, 8, .	1.8	14
139	Ecological incumbency impedes stochastic community assembly in Holocene foraminifera from the Huon Peninsula, Papua New Guinea. Paleobiology, 2011, 37, 670-685.	2.0	13
140	Symbiodinium identity alters the temperature-dependent settlement behaviour of Acropora millepora coral larvae before the onset of symbiosis. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142260.	2.6	13
141	Historical spatial reconstruction of a spawningâ€aggregation fishery. Conservation Biology, 2017, 31, 1322-1332.	4.7	13
142	Mesophotic Coral Ecosystems of the Great Barrier Reef Are Understudied and Underexplored. Frontiers in Marine Science, 2021, 8, .	2.5	13
143	Environmental distribution of colony growth form in the favositid Pleurodictyum americanum. Lethaia, 1989, 22, 69-84.	1.4	12
144	Effects of Elevated Temperature on the Shell Density of the Large Benthic Foraminifera Amphistegina lobifera. Journal of Eukaryotic Microbiology, 2016, 63, 786-793.	1.7	12

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145	Popular media records reveal multi-decadal trends in recreational fishing catch rates. PLoS ONE, 2017, 12, e0182345.	2.5	12
146	Numerical and taxonomic scale of analysis in paleoecological data sets: Examples from neo-tropical Pleistocene reef coral communities. Journal of Paleontology, 2001, 75, 546-563.	0.8	11
147	Evolutionary impacts of fishing: overfishing's 'Darwinian debt'. F1000 Biology Reports, 2009, 1, 43.	4.0	11
148	Purpose, policy, and practice: Intent and reality for on-ground management and outcomes of the Great Barrier Reef Marine Park. Marine Policy, 2017, 81, 301-311.	3.2	11
149	Porites coral response to an oceanographic and human impact gradient in the Line Islands. Limnology and Oceanography, 2017, 62, 2850-2863.	3.1	11
150	Identifying species threatened with local extinction in tropical reef fisheries using historical reconstruction of species occurrence. PLoS ONE, 2019, 14, e0211224.	2.5	11
151	Variation in the elemental stoichiometry of the coralâ€“zooxanthellae symbiosis. Coral Reefs, 2020, 39, 1071-1079.	2.2	11
152	Morphological traits of reef corals predict extinction risk but not conservation status. Global Ecology and Biogeography, 2021, 30, 1597-1608.	5.8	11
153	Silurian carbonate shelf and slope evolution in Nevada: A history of faulting, drowning, and progradation. Geology, 1985, 13, 185.	4.4	10
154	Shifts in species abundance of large benthic foraminifera Amphistegina: the possible effects of Tropical Cyclone Ita. Coral Reefs, 2017, 36, 305-309.	2.2	10
155	Broad-Scale Patterns in Pleistocene Coral Reef Communities from the Caribbean: Implications for Ecology and Management. , 2007, , 201-236.		10
156	High-precision Uâ€“Th dating of storm-transported coral blocks on Frankland Islands, northern Great Barrier Reef, Australia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 414, 68-78.	2.3	9
157	Shape analysis of two sympatric coral species: Implications for taxonomy and evolution. Lethaia, 1989, 22, 183-193.	1.4	8
158	Allozyme variation in Marginopora vertebralis (foraminifera; Miliolidae) from coral reef habitats in the Great Barrier Reef, Australia. Journal of Foraminiferal Research, 1991, 21, 222-227.	0.5	8
159	The Future of Coral Reefsâ€”Response. Science, 2011, 334, 1495-1496.	12.6	8
160	Variation in elemental stoichiometry and <scp>RNA</scp>:<scp>DNA</scp> in four phyla of benthic organisms from coral reefs. Functional Ecology, 2014, 28, 1299-1309.	3.6	8
161	Towards a new paleotemperature proxy from reef coral occurrences. Scientific Reports, 2017, 7, 10461.	3.3	8
162	A Uâ€Th Dating Approach to Understanding Past Coral Reef Dynamics and Geomorphological Constraints on Future Reef Growth Potential; Mazie Bay, Southern Great Barrier Reef. Paleoceanography and Paleoclimatology, 2020, 35, e2019PA003768.	2.9	8

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163	Trends and transitions observed in an iconic recreational fishery across 140 years. Global Environmental Change, 2018, 52, 22-36.	7.8	7
164	Impact evaluation and conservation outcomes in marine protected areas: A case study of the Great Barrier Reef Marine Park. Biological Conservation, 2019, 238, 108185.	4.1	7
165	Janzenâ€“Connell effects partially supported in reefâ€building corals: adult presence interacts with settler density to limit establishment. Oikos, 2021, 130, 1310-1325.	2.7	7
166	Reef accumulation is decoupled from recent degradation in the central and southern Red Sea. Science of the Total Environment, 2022, 809, 151176.	8.0	7
167	Functional consequences of Palaeozoic reef collapse. Scientific Reports, 2022, 12, 1386.	3.3	7
168	Use of X-radiographs to distinguish members of the Montastraea annularis reef-coral species complex. Hydrobiologia, 2004, 530-531, 211-222.	2.0	6
169	Corals fail a test of neutrality. Nature, 2006, 440, 35-36.	27.8	6
170	Historical Patterns of Resource Exploitation and the Status of Papua New Guinea Coral Reefs1. Pacific Science, 2013, 67, 425.	0.6	6
171	Identifying patterns and drivers of coral diversity in the Central Indo-Pacific marine biodiversity hotspot. Paleobiology, 2017, 43, 343-364.	2.0	6
172	Re-evaluating mid-Holocene reef â€œturn-offâ€•on the inshore Southern Great Barrier Reef. Quaternary Science Reviews, 2020, 244, 106518.	3.0	6
173	Emergence patterns of locally novel plant communities driven by past climate change and modern anthropogenic impacts. Ecology Letters, 2022, 25, 1497-1509.	6.4	6
174	Animal Forests Through Time: Historical Data to Understand Present Changes in Marine Ecosystems. , 2017, , 947-963.		5
175	Unravelling the depositional origins and diagenetic alteration of carbonate breccias. Sedimentary Geology, 2017, 357, 33-52.	2.1	4
176	Trait-based approach reveals how marginal reefs respond to acute and chronic disturbance. Coral Reefs, 2021, 40, 735-749.	2.2	4
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