John M Pandolfi

List of Publications by Citations

191 papers	22,748 citations	52 h-index	150 g-index
202 ext. papers	27,056 ext. citations	8.9 avg, IF	6.48 L-index

#	Paper	IF	Citations
191	Historical overfishing and the recent collapse of coastal ecosystems. *Science*, **2001**, 293, 629-37	33.3	4278
190	Climate change, human impacts, and the resilience of coral reefs. *Science*, **2003**, 301, 929-33	33.3	2569
189	Global warming and recurrent mass bleaching of corals. *Nature*, **2017**, 543, 373-377	50.4	1539
188	Global trajectories of the long-term decline of coral reef ecosystems. *Science*, **2003**, 301, 955-8	33.3	1343
187	Biodiversity redistribution under climate change: Impacts on ecosystems and human well-being. *Science*, **2017**, 355,	33.3	1215
186	Global imprint of climate change on marine life. *Nature Climate Change*, **2013**, 3, 919-925	21.4	1141
185	Spatial and temporal patterns of mass bleaching of corals in the Anthropocene. *Science*, **2018**, 359, 80-83	33.3	954
184	The pace of shifting climate in marine and terrestrial ecosystems. *Science*, **2011**, 334, 652-5	33.3	852
183	Projecting coral reef futures under global warming and ocean acidification. *Science*, **2011**, 333, 418-22	33.3	805
182	The broad footprint of climate change from genes to biomes to people. *Science*, **2016**, 354,	33.3	573
181	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	5.3	526
180	Geographical limits to species-range shifts are suggested by climate velocity. *Nature*, **2014**, 507, 492-5	50.4	343
179	Ecology. Are U.S. coral reefs on the slippery slope to slime?. *Science*, **2005**, 307, 1725-6	33.3	332
178	Hopping hotspots: global shifts in marine biodiversity. *Science*, **2008**, 321, 654-7	33.3	320
177	Climate velocity and the future global redistribution of marine biodiversity. *Nature Climate Change*, **2016**, 6, 83-88	21.4	265
176	Predicting evolutionary responses to climate change in the sea. *Ecology Letters*, **2013**, 16, 1488-500	10	262
175	Extinctions in ancient and modern seas. *Trends in Ecology and Evolution*, **2012**, 27, 608-17	10.9	182

174	Escaping the heat: range shifts of reef coral taxa in coastal Western Australia. *Global Change Biology*, **2008**, 14, 513-528	11.4	182
173	Limited membership in Pleistocene reef coral assemblages from the Huon Peninsula, Papua New Guinea: constancy during global change. *Paleobiology*, **1996**, 22, 152-176	2.6	177
172	Ecological persistence interrupted in Caribbean coral reefs. *Ecology Letters*, **2006**, 9, 818-26	10	175
171	Long-Term Stasis in Ecological Assemblages: Evidence from the Fossil Record. *Annual Review of Ecology, Evolution, and Systematics*, **2004**, 35, 285-322	13.5	120
170	Ecological and methodological drivers of species' distribution and phenology responses to climate change. *Global Change Biology*, **2016**, 22, 1548-60	11.4	113
169	The Coral Trait Database, a curated database of trait information for coral species from the global oceans. *Scientific Data*, **2016**, 3, 160017	8.2	113
168	No-take areas, herbivory and coral reef resilience. *Trends in Ecology and Evolution*, **2007**, 22, 1-3	10.9	112
167	Quantitative approaches in climate change ecology. *Global Change Biology*, **2011**, 17, 3697-3713	11.4	106
166	Coral community dynamics at multiple scales. *Coral Reefs*, **2002**, 21, 13-23	4.2	106
165	A Trait-Based Approach to Advance Coral Reef Science. *Trends in Ecology and Evolution*, **2016**, 31, 419-428	10.9	104
164	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	4.2	102
163	Conserving potential coral reef refuges at high latitudes. *Diversity and Distributions*, **2014**, 20, 245-257	5	95
162	Coral reef conservation in the Anthropocene: Confronting spatial mismatches and prioritizing functions. *Biological Conservation*, **2019**, 236, 604-615	6.2	94
161	Managing consequences of climate-driven species redistribution requires integration of ecology, conservation and social science. *Biological Reviews*, **2018**, 93, 284-305	13.5	91
160	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	4.4	91
159	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	2.6	87
158	Social-environmental drivers inform strategic management of coral reefs in the Anthropocene. *Nature Ecology and Evolution*, **2019**, 3, 1341-1350	12.3	85
157	Trait-mediated environmental filtering drives assembly at biogeographic transition zones. *Ecology*, **2014**, 95, 1000-9	4.6	83

156	Response of Pleistocene Coral Reefs to Environmental Change Over Long Temporal Scales. *American Zoologist*, **1999**, 39, 113-130		82
155	Extinctions. Paleontological baselines for evaluating extinction risk in the modern oceans. *Science*, **2015**, 348, 567-70	33.3	79
154	Evolutionary novelty is concentrated at the edge of coral species distributions. *Science*, **2010**, 328, 1558-61	33.3	76
153	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	5.8	73
152	Shifting base-lines, declining coral cover, and the erosion of reef resilience: comment on Sweatman et al. (2011). *Coral Reefs*, **2011**, 30, 653-660	4.2	73
151	Global ecological impacts of marine exotic species. *Nature Ecology and Evolution*, **2019**, 3, 787-800	12.3	68
150	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	5.5	67
149	Climate Velocity Can Inform Conservation in a Warming World. *Trends in Ecology and Evolution*, **2018**, 33, 441-457	10.9	66
148	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, 21378-83	11.5	66
147	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	6.2	65
146	Successive Isolation Rather Than Evolutionary Centres for the Origination of Indo-Pacific Reef Corals. *Journal of Biogeography*, **1992**, 19, 593	4.1	63
145	Filling historical data gaps to foster solutions in marine conservation. *Ocean and Coastal Management*, **2015**, 115, 31-40	3.9	60
144	Testing the precision and accuracy of the U-Th chronometer for dating coral mortality events in the last 100 years. *Quaternary Geochronology*, **2014**, 23, 35-45	2.7	59
143	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	2.9	56
142	Community Structure of Pleistocene Coral Reefs of Curacao, Netherlands Antilles. *Ecological Monographs*, **2001**, 71, 49	9	54
141	Historical reconstruction reveals recovery in Hawaiian coral reefs. *PLoS ONE*, **2011**, 6, e25460	3.7	53
140	Instability in a marginal coral reef: the shift from natural variability to a human-dominated seascape. *Frontiers in Ecology and the Environment*, **2011**, 9, 154-160	5.5	53
139	Incorporating Uncertainty in Predicting the Future Response of Coral Reefs to Climate Change. *Annual Review of Ecology, Evolution, and Systematics*, **2015**, 46, 281-303	13.5	51

138	Climate change and marine life. *Biology Letters*, **2012**, 8, 907-9	3.6	50
137	Empty Niches after Extinctions Increase Population Sizes of Modern Corals. *Current Biology*, **2016**, 26, 3190-3194	6.3	47
136	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	5.5	47
135	Community structure of Quaternary coral reefs compared with Recent life and death assemblages. *Paleobiology*, **2001**, 27, 669-694	2.6	47
134	Reconsidering Ocean Calamities. *BioScience*, **2015**, 65, 130-139	5.7	46
133	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, 2062-78	6.7	46
132	Taphonomic Alteration of Reef Corals: Effects of Reef Environment and Coral Growth Form. I. The Great Barrier Reef. *Palaios*, **1997**, 12, 27	1.6	45
131	Decline in growth of foraminifer Marginopora rossi under eutrophication and ocean acidification scenarios. *Global Change Biology*, **2013**, 19, 291-302	11.4	43
130	Sea-level history of past interglacial periods from uranium-series dating of corals, Cura□o, Leeward Antilles islands. *Quaternary Research*, **2012**, 78, 157-169	1.9	43
129	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	7.2	38
128	Ghost reefs: Nautical charts document large spatial scale of coral reef loss over 240 years. *Science Advances*, **2017**, 3, e1603155	14.3	37
127	Character release following extinction in a Caribbean reef coral species complex. *Evolution; International Journal of Organic Evolution*, **2002**, 56, 479-501	3.8	37
126	Widespread loss of Caribbean acroporid corals was underway before coral bleaching and disease outbreaks. *Science Advances*, **2020**, 6, eaax9395	14.3	37
125	Pleistocene reef environments, constituent grains, and coral community structure: Cura□o, Netherlands Antilles. *Coral Reefs*, **1999**, 18, 107-122	4.2	35
124	Are coral reefs victims of their own past success?. *Science Advances*, **2016**, 2, e1500850	14.3	35
123	Setting the Record Straight: Assessing the Reliability of Retrospective Accounts of Change. *Conservation Letters*, **2016**, 9, 98-105	6.9	34
122	Strengthening confidence in climate change impact science. *Global Ecology and Biogeography*, **2015**, 24, 64-76	6.1	33
121	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	4.4	32

120	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	2	32
119	Influence of local habitat on the physiological responses of large benthic foraminifera to temperature and nutrient stress. *Scientific Reports*, **2016**, 6, 21936	4.9	31
118	Mass mortality following disturbance in Holocene coral reefs from Papua New Guinea. *Geology*, **2006**, 34, 949	5	30
117	Refugia under threat: Mass bleaching of coral assemblages in high-latitude eastern Australia. *Global Change Biology*, **2019**, 25, 3918-3931	11.4	29
116	Community dynamics of Pleistocene coral reefs during alternative climatic regimes. *Ecology*, **2010**, 91, 191-200	4.6	29
115	Age accuracy and resolution of Quaternary corals used as proxies for sea level. *Earth and Planetary Science Letters*, **2007**, 253, 37-49	5.3	29
114	Preservation of community structure in death assemblages of deep-water Caribbean reef corals. *Limnology and Oceanography*, **1997**, 42, 1505-1516	4.8	28
113	Integrating Climate and Ocean Change Vulnerability into Conservation Planning. *Coastal Management*, **2012**, 40, 651-672	3.3	28
112	U-Th dating reveals regional-scale decline of branching 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	11.5	27
111	Distribution, abundance and diversity of crustose coralline algae on the Great Barrier Reef. *Coral Reefs*, **2015**, 34, 581-594	4.2	27
110	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	3.7	27
109	Taphonomic Alteration of Reef Corals: Effects of Reef Environment and Coral Growth Form II: The Florida Keys. *Palaios*, **2003**, 18, 495-509	1.6	27
108	Marine extinction risk shaped by trait-environment interactions over 500 million years. *Global Change Biology*, **2015**, 21, 3595-607	11.4	25
107	Coseismic event of May 15, 1992, Huon Peninsula, Papua New Guinea: Comparison with Quaternary tectonic history. *Geology*, **1994**, 22, 239	5	25
106	Indo-Pacific coral biogeography: a case study from the Acropora selago group. *Australian Systematic Botany*, **1991**, 4, 199	1	25
105	Differential response to abiotic stress controls species distributions at biogeographic transition zones. *Ecography*, **2018**, 41, 478-490	6.5	24
104	Holocene sea level instability in the southern Great Barrier Reef, Australia: high-precision UTh dating of fossil microatolls. *Coral Reefs*, **2016**, 35, 625-639	4.2	24
103	Symbiosis and microbiome flexibility in calcifying benthic foraminifera of the Great Barrier Reef. *Microbiome*, **2017**, 5, 38	16.6	23

102	The molecular biogeography of the Indo-Pacific: Testing hypotheses with multispecies genetic patterns. *Global Ecology and Biogeography*, **2019**, 28, 943-960	6.1	23
101	Overlapping species boundaries and hybridization within the Montastraea annularis reef coral complex in the Pleistocene of the Bahama Islands. *Paleobiology*, **2004**, 30, 396-425	2.6	23
100	EOCENE-MIOCENE SHALLOW-WATER CARBONATE PLATFORMS AND INCREASED HABITAT DIVERSITY IN SARAWAK, MALAYSIA. *Palaios*, **2014**, 29, 378-391	1.6	22
99	Variation in sensitivity of large benthic Foraminifera to the combined effects of ocean warming and local impacts. *Scientific Reports*, **2017**, 7, 45227	4.9	21
98	Inhibited growth in the photosymbiont-bearing foraminifer Marginopora vertebralis from the nearshore Great Barrier Reef, Australia. *Marine Ecology - Progress Series*, **2011**, 435, 97-109	2.6	21
97	Nutrient-supplying ocean currents modulate coral bleaching susceptibility. *Science Advances*, **2020**, 6,	14.3	21
96	Rapid accretion of inshore reef slopes from the central Great Barrier Reef during the late Holocene. *Geology*, **2015**, 43, 343-346	5	20
95	Polymorphism in a common Atlantic reef coral (Montastraea cavernosa) and its long-term evolutionary implications. *Evolutionary Ecology*, **2012**, 26, 265-290	1.8	19
94	Nineteenth century narratives reveal historic catch rates for Australian snapper (Pagrus auratus). *Fish and Fisheries*, **2016**, 17, 210-225	6	19
93	The effect of nutrient enrichment on the growth, nucleic acid concentrations, and elemental stoichiometry of coral reef macroalgae. *Ecology and Evolution*, **2012**, 2, 1985-95	2.8	18
92	Geomorphology of the uplifted Pleistocene atoll at Henderson Island, Pitcairn Group. *Biological Journal of the Linnean Society*, **1995**, 56, 63-77	1.9	18
91	The impacts of flooding on the high-latitude, terrigenoclastic influenced coral reefs of Hervey Bay, Queensland, Australia. *Coral Reefs*, **2013**, 32, 1149-1163	4.2	17
90	Research challenges to improve the management and conservation of subtropical reefs to tackle climate change threats. *Ecological Management and Restoration*, **2011**, 12, e7-e10	1.4	17
89	Something old, something new: Historical perspectives provide lessons for blue growth agendas. *Fish and Fisheries*, **2020**, 21, 774-796	6	17
88	Ecology. Novelty trumps loss in global biodiversity. *Science*, **2014**, 344, 266-7	33.3	16
87	Morphology and ecological zonation of Caribbean reef corals: the Montastraea annularis species complex. *Marine Ecology - Progress Series*, **2008**, 369, 89-102	2.6	16
86	Changing light levels induce photo-oxidative stress and alterations in shell density of Amphistegina lobifera (Foraminifera). *Marine Ecology - Progress Series*, **2016**, 549, 69-78	2.6	16
85	The Paleoecology of Coral Reefs **2011**, 13-24		15

84	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	4.2	15
83	New evidence for far-field Holocene sea level oscillations and links to global climate records. *Earth and Planetary Science Letters*, **2018**, 487, 67-73	5.3	13
82	Evidence of reduced mid-Holocene ENSO variance on the Great Barrier Reef, Australia. *Paleoceanography*, **2016**, 31, 1248-1260		13
81	A NEW, EXTINCT PLEISTOCENE REEF CORAL FROM THE MONTASTRAEA ANNULARIS SPECIES COMPLEX. *Journal of Paleontology*, **2007**, 81, 472-482	1.1	13
80	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	1.1	13
79	Regional patterns of evolutionary turnover in Neogene coral reefs from the central Indo-West Pacific Ocean. *Evolutionary Ecology*, **2012**, 26, 375-391	1.8	12
78	Environmental distribution of colony growth form in the favositid Pleurodictyum americanum. *Lethaia*, **1989**, 22, 69-84	1.3	12
77	Transcending data gaps: a framework to reduce inferential errors in ecological analyses. *Ecology Letters*, **2018**, 21, 1200-1210	10	12
76	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	2.9	11
75	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, 356-67	6.7	11
74	Holocene benthic foraminiferal assemblages indicate long-term marginality of reef habitats from Moreton Bay, Australia. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2015**, 420, 49-64	2.9	11
73	Scope for latitudinal extension of reef corals is species specific. *Frontiers of Biogeography*, **2016**, 8,	2.9	11
72	Historical spatial reconstruction of a spawning-aggregation fishery. *Conservation Biology*, **2017**, 31, 1322-1332		10
71	Effects of Elevated Temperature on the Shell Density of the Large Benthic Foraminifera Amphistegina lobifera. *Journal of Eukaryotic Microbiology*, **2016**, 63, 786-793	3.6	10
70	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,	4.4	10
69	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	4.4	10
68	Ecological incumbency impedes stochastic community assembly in Holocene foraminifera from the Huon Peninsula, Papua New Guinea. *Paleobiology*, **2011**, 37, 670-685	2.6	10
67	Roles for worms in reef-building. *Coral Reefs*, **1998**, 17, 120-120	4.2	10

66	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	1.1	10
65	Taphonomy of crown-of-thorns starfish: implications for recognizing ancient population outbreaks. *Coral Reefs*, **1995**, 14, 91-97	4.2	10
64	Ecological effects of non-native species in marine ecosystems relate to co-occurring anthropogenic pressures. *Global Change Biology*, **2020**, 26, 1248-1258	11.4	10
63	Increased extinction in the emergence of novel ecological communities. *Science*, **2020**, 370, 220-222	33.3	10
62	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	4.9	10
61	Species differences drive nonneutral structure in pleistocene coral communities. *American Naturalist*, **2012**, 180, 577-88	3.7	9
60	COMMUNITY STRUCTURE OF PLEISTOCENE CORAL REEFS OF CURA□AO, NETHERLANDS ANTILLES. *Ecological Monographs*, **2001**, 71, 49-67	9	9
59	The projected degradation of subtropical coral assemblages by recurrent thermal stress. *Journal of Animal Ecology*, **2021**, 90, 233-247	4.7	9
58	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	3.5	8
57	Defining variation in pre-human ecosystems can guide conservation: An example from a Caribbean coral reef. *Scientific Reports*, **2020**, 10, 2922	4.9	8
56	Popular media records reveal multi-decadal trends in recreational fishing catch rates. *PLoS ONE*, **2017**, 12, e0182345	3.7	8
55	High-precision U□Th dating of storm-transported coral blocks on Frankland Islands, northern Great Barrier Reef, Australia. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2014**, 414, 68-78	2.9	8
54	Shifts in species abundance of large benthic foraminifera Amphistegina: the possible effects of Tropical Cyclone Ita. *Coral Reefs*, **2017**, 36, 305-309	4.2	8
53	Shape analysis of two sympatric coral species: Implications for taxonomy and evolution. *Lethaia*, **1989**, 22, 183-193	1.3	8
52	Porites coral response to an oceanographic and human impact gradient in the Line Islands. *Limnology and Oceanography*, **2017**, 62, 2850-2863	4.8	7
51	The Future of Coral Reefs--Response. *Science*, **2011**, 334, 1495-1496	33.3	7
50	Identifying species threatened with local extinction in tropical reef fisheries using historical reconstruction of species occurrence. *PLoS ONE*, **2019**, 14, e0211224	3.7	7
49	Broad-Scale Patterns in Pleistocene Coral Reef Communities from the Caribbean: Implications for Ecology and Management **2007**, 201-236		7

48	Variation in elemental stoichiometry and RNA:DNA in four phyla of benthic organisms from coral reefs. *Functional Ecology*, **2014**, 28, 1299-1309	5.6	6
47	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	1.1	6
46	Silurian carbonate shelf and slope evolution in Nevada: A history of faulting, drowning, and progradation. *Geology*, **1985**, 13, 185	5	6
45	Variation in the elemental stoichiometry of the coral–zooxanthellae symbiosis. *Coral Reefs*, **2020**, 39, 1071-1079	4.2	6
44	Regional variation in δ13C of coral reef macroalgae. *Limnology and Oceanography*, **2020**, 65, 2291-2302	4.8	5
43	Patch size drives settlement success and spatial distribution of coral larvae under space limitation. *Coral Reefs*, **2020**, 39, 387-396	4.2	5
42	Trends and transitions observed in an iconic recreational fishery across 140 years. *Global Environmental Change*, **2018**, 52, 22-36	10.1	5
41	Evolutionary impacts of fishing: overfishing's 'Darwinian debt'. *F1000 Biology Reports*, **2009**, 1, 43		5
40	Temporal variability in the Holocene marine radiocarbon reservoir effect for the Tropical and South Pacific. *Quaternary Science Reviews*, **2020**, 249, 106613	3.9	5
39	Projecting coral responses to intensifying marine heatwaves under ocean acidification. *Global Change Biology*, **2021**,	11.4	5
38	Towards a new paleotemperature proxy from reef coral occurrences. *Scientific Reports*, **2017**, 7, 10461	4.9	4
37	Animal Forests Through Time: Historical Data to Understand Present Changes in Marine Ecosystems **2017**, 947-963		4
36	Re-evaluating mid-Holocene reef 'turn-off' on the inshore Southern Great Barrier Reef. *Quaternary Science Reviews*, **2020**, 244, 106518	3.9	4
35	Identifying patterns and drivers of coral diversity in the Central Indo-Pacific marine biodiversity hotspot. *Paleobiology*, **2017**, 43, 343-364	2.6	3
34	Unravelling the depositional origins and diagenetic alteration of carbonate breccias. *Sedimentary Geology*, **2017**, 357, 33-52	2.8	3
33	Impact evaluation and conservation outcomes in marine protected areas: A case study of the Great Barrier Reef Marine Park. *Biological Conservation*, **2019**, 238, 108185	6.2	3
32	Broadening the taxonomic scope of coral reef palaeoecological studies using ancient DNA. *Molecular Ecology*, **2019**, 28, 2636-2652	5.7	3
31	A U-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	3.3	3

30	Invasive Species Unchecked by Climate--Response. *Science*, **2012**, 335, 538-539	33.3	3
29	Use of X-radiographs to distinguish members of the Montastraea annularis reef-coral species complex. *Hydrobiologia*, **2004**, 530-531, 211-222	2.4	3
28	Morphological traits of reef corals predict extinction risk but not conservation status. *Global Ecology and Biogeography*, **2021**, 30, 1597-1608	6.1	3
27	Mesophotic Coral Ecosystems of the Great Barrier Reef Are Understudied and Underexplored. *Frontiers in Marine Science*, **2021**, 8,	4.5	3
26	Climate-driven impacts of exotic species on marine ecosystems. *Global Ecology and Biogeography*, **2021**, 30, 1043-1055	6.1	3
25	The transformation of Caribbean coral communities since humans. *Ecology and Evolution*, **2021**, 11, 10098-10118	2.8	3
24	Ocean Calamities: Delineating the Boundaries between Scientific Evidence and Belief. *BioScience*, **2015**, 65, 746-747	5.7	2
23	Oral Histories: Informing Natural Resource Management Using Perceptions of the Past **2016**, 155-173		2
22	Historical Patterns of Resource Exploitation and the Status of Papua New Guinea Coral Reefs1. *Pacific Science*, **2013**, 67, 425	0.9	2
21	Ecology: Deep and complex ways to survive bleaching. *Nature*, **2015**, 518, 43-4	50.4	2
20	Linking population size structure, heat stress and bleaching responses in a subtropical endemic coral. *Coral Reefs*, **2021**, 40, 777-790	4.2	2
19	Integrating environmental variability to broaden the research on coral responses to future ocean conditions. *Global Change Biology*, **2021**, 27, 5532-5546	11.4	2
18	Animal Forests Through Time: Historical Data to Understand Present Changes in Marine Ecosystems **2015**, 1-17		1
17	A fossil reef from the last interglacial, Western Australia. *Coral Reefs*, **2005**, 24, 593-593	4.2	1
16	CHARACTER RELEASE FOLLOWING EXTINCTION IN A CARIBBEAN REEF CORAL SPECIES COMPLEX. *Evolution; International Journal of Organic Evolution*, **2002**, 56, 479	3.8	1
15	Evolution and the Fossil Record. *Evolution; International Journal of Organic Evolution*, **1992**, 46, 1589	3.8	1
14	Functional consequences of Palaeozoic reef collapse.. *Scientific Reports*, **2022**, 12, 1386	4.9	1
13	Variable response of Red Sea coral communities to recent disturbance events along a latitudinal gradient. *Marine Biology*, **2021**, 168, 1	2.5	1

12	Scope for latitudinal extension of reef corals is species specific. *Frontiers of Biogeography*, **2016**, 8,	2.9	1
11	Coral assemblages at higher latitudes favour short-term potential over long-term performance		1
10	Reef accumulation is decoupled from recent degradation in the central and southern Red Sea. *Science of the Total Environment*, **2021**, 809, 151176	10.2	0
9	Trait-based approach reveals how marginal reefs respond to acute and chronic disturbance. *Coral Reefs*, **2021**, 40, 735-749	4.2	0
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