Anthony J Richardson

List of Publications by Year
in descending order

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198	22,056	13099 68	9589 142
papers	citations	h-index	g-index

214	214	214	20657
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of climate change on marine pelagic phenology and trophic mismatch. Nature, 2004, 430, 881-884.	27.8	1,740
2	Global imprint of climate change on marine life. Nature Climate Change, 2013, 3, 919-925.	18.8	1,602
3	The Pace of Shifting Climate in Marine and Terrestrial Ecosystems. Science, 2011, 334, 652-655.	12.6	1,062
4	Climate change and marine plankton. Trends in Ecology and Evolution, 2005, 20, 337-344.	8.7	928
5	World Scientistsâ€™ Warning to Humanity: A Second Notice. BioScience, 2017, 67, 1026-1028.	4.9	817
6	The jellyfish joyride: causes, consequences and management responses to a more gelatinous future. Trends in Ecology and Evolution, 2009, 24, 312-322.	8.7	676
7	In hot water: zooplankton and climate change. ICES Journal of Marine Science, 2008, 65, 279-295.	2.5	647
8	Responses of Marine Organisms to Climate Change across Oceans. Frontiers in Marine Science, 2016, 3, .	2.5	624
9	Climate Impact on Plankton Ecosystems in the Northeast Atlantic. Science, 2004, 305, 1609-1612.	12.6	622
10	Climate change cascades: Shifts in oceanography, species' ranges and subtidal marine community dynamics in eastern Tasmania. Journal of Experimental Marine Biology and Ecology, 2011, 400, 17-32.	1.5	525
11	From plankton to top predators: bottom-up control of a marine food web across four trophic levels. Journal of Animal Ecology, 2006, 75, 1259-1268.	2.8	444
12	Geographical limits to species-range shifts are suggested by climate velocity. Nature, 2014, 507, 492-495.	27.8	436
13	Climate velocity and the future global redistribution of marine biodiversity. Nature Climate Change, 2016, 6, 83-88.	18.8	405
14	Pelagic protected areas: the missing dimension in ocean conservation. Trends in Ecology and Evolution, 2009, 24, 360-369.	8.7	357
15	Pushing the limits in marine species distribution modelling: lessons from the land present challenges and opportunities. Global Ecology and Biogeography, 2011, 20, 789-802.	5.8	355
16	Using continuous plankton recorder data. Progress in Oceanography, 2006, 68, 27-74.	3.2	309
17	BioTIME: A database of biodiversity time series for the Anthropocene. Global Ecology and Biogeography, 2018, 27, 760-786.	5.8	289
18	Ecosystem-based fisheries management requires a change to the selective fishing philosophy. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9485-9489.	7.1	280

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19	Long-Term Oceanographic and Ecological Research in the Western English Channel. Advances in Marine Biology, 2004, 47, 1-105.	1.4	251
20	The Continuous Plankton Recorder: concepts and history, from Plankton Indicator to undulating recorders. Progress in Oceanography, 2003, 58, 117-173.	3.2	241
21	Managing for Interactions between Local and Global Stressors of Ecosystems. PLoS ONE, 2013, 8, e65765.	2.5	217
22	Biology, ecology and conservation of the Mobulidae. Journal of Fish Biology, 2012, 80, 1075-1119.	1.6	213
23	Under-Resourced, Under Threat. Science, 2008, 320, 1294-1295.	12.6	194
24	Seasonal movements and behaviour of basking sharks from archival tagging: no evidence of winter hibernation. Marine Ecology - Progress Series, 2003, 248, 187-196.	1.9	193
25	Regional climate change and harmful algal blooms in the northeast Atlantic. Limnology and Oceanography, 2006, 51, 820-829.	3.1	190
26	Using self-organizing maps to identify patterns in satellite imagery. Progress in Oceanography, 2003, 59, 223-239.	3.2	185
27	Perceived global increase in algal blooms is attributable to intensified monitoring and emerging bloom impacts. Communications Earth & Environment, 2021, 2, .	6.8	185
28	Effects of climateâ€driven primary production change on marine food webs: implications for fisheries and conservation. Global Change Biology, 2010, 16, 1194-1212.	9.5	181
29	Changing zooplankton seasonality in a changing ocean: Comparing time series of zooplankton phenology. Progress in Oceanography, 2012, 97-100, 31-62.	3.2	175
30	Encounter success of free-ranging marine predator movements across a dynamic prey landscape. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1195-1201.	2.6	172
31	From Bacteria to Whales: Using Functional Size Spectra to Model Marine Ecosystems. Trends in Ecology and Evolution, 2017, 32, 174-186.	8.7	170
32	Beyond climate change attribution in conservation and ecological research. Ecology Letters, 2013, 16, 58-71.	6.4	167
33	Ecological and methodological drivers of speciesâ€™ distribution and phenology responses to climate change. Global Change Biology, 2016, 22, 1548-1560.	9.5	162
34	Rethinking the Role of Salps in the Ocean. Trends in Ecology and Evolution, 2016, 31, 720-733.	8.7	150
35	Allometry and stoichiometry of unicellular, colonial and multicellular phytoplankton. New Phytologist, 2009, 181, 295-309.	7.3	138
36	Overstretching attribution. Nature Climate Change, 2011, 1, 2-4.	18.8	137

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37	An overview of Calanus helgolandicus ecology in European waters. Progress in Oceanography, 2005, 65, 1-53.	3.2	136
38	Anticyclonic eddies are more productive than cyclonic eddies in subtropical gyres because of winter mixing. Science Advances, 2016, 2, e1600282.	10.3	136
39	Multi-decadal oceanic ecological datasets and their application in marine policy and management. Trends in Ecology and Evolution, 2010, 25, 602-610.	8.7	134
40	Movements and habitat use of reef manta rays off eastern Australia: offshore excursions, deep diving and eddy affinity revealed by satellite telemetry. Marine Ecology - Progress Series, 2014, 510, 73-86.	1.9	126
41	Global warming is causing a more pronounced dip in marine species richness around the equator. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	125
42	Climate Velocity Can Inform Conservation in a Warming World. Trends in Ecology and Evolution, 2018, 33, 441-457.	8.7	124
43	Quantitative approaches in climate change ecology. Global Change Biology, 2011, 17, 3697-3713.	9.5	121
44	Ocean climate of the South East Atlantic observed from satellite data and wind models. Progress in Oceanography, 2003, 59, 181-221.	3.2	120
45	<scp>DNA</scp> metabarcoding for diet analysis and biodiversity: A case study using the endangered Australian sea lion (Neophoca cinerea). Ecology and Evolution, 2017, 7, 5435-5453.	1.9	120
46	Distribution, site affinity and regional movements of the manta ray, Manta alfredi (Krefft, 1868), along the east coast of Australia. Marine and Freshwater Research, 2011, 62, 628.	1.3	117
47	Research Priorities to Support Effective Manta and Devil Ray Conservation. Frontiers in Marine Science, 2018, 5, .	2.5	116
48	Trends in sightings and environmental influences on a coastal aggregation of manta rays and whaleÂsharks. Marine Ecology - Progress Series, 2013, 482, 153-168.	1.9	114
49	Marine environmental DNA biomonitoring reveals seasonal patterns in biodiversity and identifies ecosystem responses to anomalous climatic events. PLoS Genetics, 2019, 15, e1007943.	3.5	112
50	Climate effects and benthicÂ–pelagic coupling in the North Sea. Marine Ecology - Progress Series, 2007, 330, 31-38.	1.9	112
51	Interactions between global and local stressors of ecosystems determine management effectiveness in cumulative impact mapping. Diversity and Distributions, 2014, 20, 538-546.	4.1	111
52	Severe Continental-Scale Impacts of Climate Change Are Happening Now: Extreme Climate Events Impact Marine Habitat Forming Communities Along 45% of Australiaâ€™s Coast. Frontiers in Marine Science, 2019, 6, .	2.5	106
53	Identifying four phytoplankton functional types from space: An ecological approach. Limnology and Oceanography, 2008, 53, 605-613.	3.1	103
54	Future recovery of baleen whales is imperiled by climate change. Global Change Biology, 2019, 25, 1263-1281.	9.5	101

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55	Climate velocity reveals increasing exposure of deep-ocean biodiversity to future warming. Nature Climate Change, 2020, 10, 576-581.	18.8	99
56	Stable Isotope and Signature Fatty Acid Analyses Suggest Reef Manta Rays Feed on Demersal Zooplankton. PLoS ONE, 2013, 8, e77152.	2.5	99
57	Next-generation ensemble projections reveal higher climate risks for marine ecosystems. Nature Climate Change, 2021, 11, 973-981.	18.8	96
58	When Giants Turn Up: Sighting Trends, Environmental Influences and Habitat Use of the Manta Ray Manta alfredi at a Coral Reef. PLoS ONE, 2012, 7, e46170.	2.5	89
59	Can satellite-based night lights be used for conservation? The case of nesting sea turtles in the Mediterranean. Biological Conservation, 2013, 159, 63-72.	4.1	86
60	Predicting Interactions among Fishing, Ocean Warming, and Ocean Acidification in a Marine System with Wholeâ€Ecosystem Models. Conservation Biology, 2012, 26, 1145-1152.	4.7	85
61	Whale sharks target dense prey patches of sergestid shrimp off Tanzania. Journal of Plankton Research, 2015, 37, 352-362.	1.8	82
62	IMOS National Reference Stations: A Continental-Wide Physical, Chemical and Biological Coastal Observing System. PLoS ONE, 2014, 9, e113652.	2.5	81
63	How large is the world's largest fish? Measuring whale sharks Rhincodon typus with laser photogrammetry. Journal of Fish Biology, 2011, 78, 378-385.	1.6	79
64	Impact of eddies on surface chlorophyll in the South Indian Ocean. Journal of Geophysical Research: Oceans, 2014, 119, 8061-8077.	2.6	79
65	Beyond the jellyfish joyride and global oscillations: advancing jellyfish research. Journal of Plankton Research, 2013, 35, 929-938.	1.8	76
66	Estimating environmental preferences of South African pelagic fish species using catch size- and remote sensing data. Progress in Oceanography, 2003, 59, 275-300.	3.2	75
67	Diet of whale sharks Rhincodon typus inferred from stomach content and signature fatty acid analyses. Marine Ecology - Progress Series, 2013, 493, 219-235.	1.9	75
68	Extending the SeaWiFS chlorophyll data set back 50 years in the northeast Atlantic. Geophysical Research Letters, 2005, 32, .	4.0	73
69	Prey Density Threshold and Tidal Influence on Reef Manta Ray Foraging at an Aggregation Site on the Great Barrier Reef. PLoS ONE, 2016, 11, e0153393.	2.5	73
70	Population dynamics of the reef manta ray Manta alfredi in eastern Australia. Coral Reefs, 2014, 33, 329-342.	2.2	70
71	Climate-driven range expansion of the red-tide dinoflagellate Noctiluca scintillans into the Southern Ocean. Journal of Plankton Research, 2012, 34, 332-337.	1.8	69
72	A GENETIC MARKER TO SEPARATE EMILIANIA HUXLEYI (PRYMNESIOPHYCEAE) MORPHOTYPES1. Journal of Phycology, 2005, 41, 874-879.	2.3	67

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73	Investigating biotic and abiotic factors affecting the recruitment of an intertidal clam on an exposed sandy beach using a generalized additive model. Journal of Experimental Marine Biology and Ecology, 2002, 276, 67-81.	1.5	62
74	Variability of biological production in low windâ€forced regional upwelling systems: A case study off southeastern Australia. Limnology and Oceanography, 2009, 54, 1548-1558.	3.1	61
75	Accommodating Dynamic Oceanographic Processes and Pelagic Biodiversity in Marine Conservation Planning. PLoS ONE, 2011, 6, e16552.	2.5	61
76	Multiple factors affecting South African anchovy recruitment in the spawning, transport and nursery areas. African Journal of Marine Science, 1998, 19, 211-225.	0.6	60
77	Climate change and marine life. Biology Letters, 2012, 8, 907-909.	2.3	60
78	Variation in occupancy and habitat use of Mobula alfredi at a major aggregation site. Marine Ecology - Progress Series, 2018, 599, 125-145.	1.9	60
79	Mobulid rays feed on euphausiids in the Bohol Sea. Royal Society Open Science, 2017, 4, 161060.	2.4	58
80	A Global Plankton Diversity Monitoring Program. Frontiers in Marine Science, 2019, 6, .	2.5	57
81	Patterns of jellyfish abundance in the North Atlantic. Hydrobiologia, 2009, 616, 51-65.	2.0	56
82	Effects of fishing and acidificationâ€related benthic mortality on the southeast Australian marine ecosystem. Global Change Biology, 2011, 17, 3058-3074.	9.5	56
83	Global in scope and regionally rich: an IndiSeas workshop helps shape the future of marine ecosystem indicators. Reviews in Fish Biology and Fisheries, 2012, 22, 835-845.	4.9	55
84	The relative importance of food and temperature to copepod egg production and somatic growth in the southern Benguela upwelling system. Journal of Plankton Research, 1998, 20, 2379-2399.	1.8	54
85	The Coral Sea. Advances in Marine Biology, 2013, 66, 213-290.	1.4	51
86	Long-term increase in crustacean zooplankton abundance in the southern Benguela upwelling region (1951â€“1996): bottom-up or top-down control?. ICES Journal of Marine Science, 1998, 55, 803-807.	2.5	50
87	Growth rates of copepods in the southern Benguela upwelling system: The interplay between body size and food. Limnology and Oceanography, 1999, 44, 382-392.	3.1	49
88	Trailing edges projected to move faster than leading edges for large pelagic fish habitats under climate change. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 113, 225-234.	1.4	49
89	How long can fisheries management delay action in response to ecosystem and climate change?. Ecological Applications, 2012, 22, 298-310.	3.8	46
90	Manta birostris , predator of the deep? Insight into the diet of the giant manta ray through stable isotope analysis. Royal Society Open Science, 2016, 3, 160717.	2.4	46

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91	Modeling What We Sample and Sampling What We Model: Challenges for Zooplankton Model Assessment. Frontiers in Marine Science, 2017, 4, .	2.5	46
92	Little change in the distribution of rocky shore faunal communities on the Australian east coast after 50 years of rapid warming. Journal of Experimental Marine Biology and Ecology, 2011, 400, 145-154.	1.5	45
93	Strengthening confidence in climate change impact science. Global Ecology and Biogeography, 2015, 24, 64-76.	5.8	45
94	Ecosystem modelling to quantify the impact of historical whaling on Southern Hemisphere baleen whales. Fish and Fisheries, 2018, 19, 117-137.	5.3	45
95	A functional size-spectrum model of the global marine ecosystem that resolves zooplankton composition. Ecological Modelling, 2020, 435, 109265.	2.5	44
96	Relating sardine recruitment in the Northern Benguela to satellite-derived sea surface height using a neural network pattern recognition approach. Progress in Oceanography, 2003, 59, 241-255.	3.2	43
97	Ecosystem-based adaptation in marine ecosystems of tropical Oceania in response to climate change.. Pacific Conservation Biology, 2011, 17, 241.	1.0	43
98	Relationships among fisheries exploitation, environmental conditions, and ecological indicators across a series of marine ecosystems. Journal of Marine Systems, 2015, 148, 101-111.	2.1	42
99	Disentangling diverse responses to climate change among global marine ecosystem models. Progress in Oceanography, 2021, 198, 102659.	3.2	42
100	Systematic, continental scale temporal monitoring of marine pelagic microbiota by the Australian Marine Microbial Biodiversity Initiative. Scientific Data, 2018, 5, 180130.	5.3	41
101	Satellite tagging highlights the importance of productive Mozambican coastal waters to the ecology and conservation of whale sharks. PeerJ, 2018, 6, e4161.	2.0	41
102	Laser photogrammetry improves size and demographic estimates for whale sharks. PeerJ, 2015, 3, e886.	2.0	40
103	Zooplankton Are Not Fish: Improving Zooplankton Realism in Size-Spectrum Models Mediates Energy Transfer in Food Webs. Frontiers in Marine Science, 2016, 3, .	2.5	39
104	Identifying characteristic chlorophyll a profiles in the coastal domain using an artificial neural network. Journal of Plankton Research, 2002, 24, 1289-1303.	1.8	36
105	Identification and classification of vertical chlorophyll patterns in the Benguela upwelling system and Angola-Benguela front using an artificial neural network. African Journal of Marine Science, 2001, 23, 37-51.	0.6	35
106	Photographic identification and citizen science combine to reveal long distance movements of individual reef manta rays Mobula alfredi along Australiaâ€™s east coast. Marine Biodiversity Records, 2019, 12, .	1.2	35
107	Are jellyfish increasing in response to ocean acidification?. Limnology and Oceanography, 2008, 53, 2040-2045.	3.1	33
108	Temporal and spatial patterns in the abundance of jellyfish in the northern Benguela upwelling ecosystem and their link to thwarted pelagic fishery recovery. African Journal of Marine Science, 2012, 34, 131-146.	1.1	33

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109	Australiaâ€™s Long-Term Plankton Observations: The Integrated Marine Observing System National Reference Station Network. Frontiers in Marine Science, 2019, 6, .	2.5	33
110	Integrating modelling of biodiversity composition and ecosystem function. Oikos, 2016, 125, 10-19.	2.7	32
111	Error quantification of a high resolution coupled hydrodynamic-ecosystem coastal-ocean model: Part3, validation with Continuous Plankton Recorder data. Journal of Marine Systems, 2006, 63, 209-224.	2.1	31
112	Unusually High Levels of nâ€6 Polyunsaturated Fatty Acids in Whale Sharks and Reef Manta Rays. Lipids, 2013, 48, 1029-1034.	1.7	31
113	Australian Dust Storm Associated with Extensive Aspergillus sydowii Fungal â€œBloomâ€•in Coastal Waters. Applied and Environmental Microbiology, 2014, 80, 3315-3320.	3.1	31
114	Powering Ocean Giants: The Energetics of Shark and Ray Megafauna. Trends in Ecology and Evolution, 2019, 34, 1009-1021.	8.7	31
115	Simulated nutrient and plankton dynamics in the Great Barrier Reef (2011â€“2016). Journal of Marine Systems, 2019, 192, 51-74.	2.1	31
116	A review of the biology and ecology of Calanus agulhensis off South Africa. ICES Journal of Marine Science, 2000, 57, 1834-1849.	2.5	30
117	Climate Change and Australian Marine Life. Oceanography and Marine Biology, 2007, , 407-478.	1.0	30
118	From silk to satellite: half a century of ocean colour anomalies in the Northeast Atlantic. Global Change Biology, 2014, 20, 2117-2123.	9.5	29
119	Rapid wound healing in a reef manta ray masks the extent of vessel strike. PLoS ONE, 2019, 14, e0225681.	2.5	28
120	Testing Bergmann's rule in marine copepods. Ecography, 2021, 44, 1283-1295.	4.5	28
121	No evidence of predation causing female-biased sex ratios in marine pelagic copepods. Marine Ecology - Progress Series, 2013, 482, 279-298.	1.9	28
122	Increased blooms of a dinoflagellate in the NW Atlantic. Marine Ecology - Progress Series, 2003, 265, 283-287.	1.9	28
123	How well does the Continuous Plankton Recorder (CPR) sample zooplankton? A comparison with the Longhurst Hardy Plankton Recorder (LHPR) in the northeast Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 2004, 51, 1283-1294.	1.4	27
124	What determines the likelihood of species discovery in marine holozooplankton: is size, range or depth important?. Oikos, 2005, 109, 567-576.	2.7	27
125	Biology and Ecology of Irukandji Jellyfish (Cnidaria: Cubozoa). Advances in Marine Biology, 2013, 66, 1-85.	1.4	27
126	Unique Sequence of Events Triggers Manta Ray Feeding Frenzy in the Southern Great Barrier Reef, Australia. Remote Sensing, 2015, 7, 3138-3152.	4.0	27

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127	Aspergillus Sydowii Marine Fungal Bloom in Australian Coastal Waters, Its Metabolites and Potential Impact on Symbiodinium Dinoflagellates. Marine Drugs, 2016, 14, 59.	4.6	27
128	A global horizon scan of issues impacting marine and coastal biodiversity conservation. Nature Ecology and Evolution, 2022, 6, 1262-1270.	7.8	27
129	Global collision-risk hotspots of marine traffic and the worldâ€™s largest fish, the whale shark. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117440119.	7.1	26
130	Beyond Chlorophyll Fluorescence: The Time is Right to Expand Biological Measurements in Ocean Observing Programs. Limnology and Oceanography Bulletin, 2018, 27, 89-90.	0.4	25
131	Comparison of the shell structure of two tropical Thecosomata (Creseis acicula and Diacavolinia) Tj ETQq1 1 0.784314 rgBT /Overlock 1 of Marine Science, 2012, 69, 465-474.	2.5	24
132	Levels of arsenic, cadmium, lead and mercury in the branchial plate and muscle tissue of mobulid rays. Marine Pollution Bulletin, 2015, 94, 251-259.	5.0	24
133	Environmental and biological monitoring for forecasting anchovy recruitment in the southern Benguela upwelling region. Fisheries Oceanography, 1998, 7, 364-374.	1.7	23
134	A database of marine phytoplankton abundance, biomass and species composition in Australian waters. Scientific Data, 2016, 3, 160043.	5.3	22
135	Incorporating climate velocity into the design of climateâ€smart networks of marine protected areas. Methods in Ecology and Evolution, 2021, 12, 1969-1983.	5.2	22
136	Dangerous jellyfish blooms are predictable. Journal of the Royal Society Interface, 2014, 11, 20131168.	3.4	21
137	Pelagic MPAs: The devil you know. Trends in Ecology and Evolution, 2010, 25, 63-64.	8.7	20
138	Demography and interannual variability of salp swarms (Thalia democratica). Marine Biology, 2014, 161, 149-163.	1.5	20
139	Climate variability drives plankton community composition changes: the 2010â€“2011 El NiÃ±o to La NiÃ±a transition around Australia. Journal of Plankton Research, 2015, 37, 966-984.	1.8	20
140	DNA metabarcoding assays reveal a diverse prey assemblage for Mobula rays in the Bohol Sea, Philippines. Ecology and Evolution, 2019, 9, 2459-2474.	1.9	20
141	Generalised model of primary production in the southern Benguela upwelling system. Marine Ecology - Progress Series, 2008, 354, 59-74.	1.9	20
142	Towards climate-smart, three-dimensional protected areas for biodiversity conservation in the high seas. Nature Climate Change, 2022, 12, 402-407.	18.8	20
143	The use of sea temperature in characterizing the mesoscale heterogeneity of phytoplankton in an embayment of the southern Benguela upwelling system. Journal of Plankton Research, 1996, 18, 643-657.	1.8	18
144	Ocean surface warming: The North Atlantic remains within the envelope of previous recorded conditions. Deep-Sea Research Part I: Oceanographic Research Papers, 2008, 55, 155-162.	1.4	18

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145	A dynamic quantitative approach for predicting the shape of phytoplankton profiles in the ocean. Progress in Oceanography, 2003, 59, 301-319.	3.2	17
146	The Contrasting Ecology of Temperate Macrotidal and Microtidal Estuaries. Oceanography and Marine Biology, 2016, , 387-412.	1.0	17
147	Global Warming Impacts Micro-Phytoplankton at a Long-Term Pacific Ocean Coastal Station. Frontiers in Marine Science, 2020, 7, .	2.5	17
148	The geographic distribution of reef and oceanic manta rays (<scp>Mobula alfredi</scp> and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 835-840.	1.6	16
149	Impacts of gold mine waste disposal on a tropical pelagic ecosystem. Marine Pollution Bulletin, 2012, 64, 2790-2806.	5.0	14
150	Tropical Marginal Seas: Priority Regions for Managing Marine Biodiversity and Ecosystem Function. Annual Review of Marine Science, 2014, 6, 415-437.	11.6	14
151	A database of chlorophyll a in Australian waters. Scientific Data, 2018, 5, 180018.	5.3	14
152	A database of marine larval fish assemblages in Australian temperate and subtropical waters. Scientific Data, 2018, 5, 180207.	5.3	14
153	Reef manta rays forage on tidally driven, high density zooplankton patches in Hanifaru Bay, Maldives. PeerJ, 2021, 9, e11992.	2.0	13
154	Seasonal and event-scale variation in growth of Calanus agulhensis (Copepoda) in the Benguela upwelling system and implications for spawning of sardine Sardinops sagax. Marine Ecology - Progress Series, 2003, 254, 239-251.	1.9	13
155	Seasonal changes in phytoplankton biomass on the western Agulhas Bank, South Africa. African Journal of Marine Science, 1999, 21, 217-233.	0.6	11
156	Uniting marine and terrestrial modelling of biodiversity under climate change. Trends in Ecology and Evolution, 2010, 25, 550-551.	8.7	11
157	Over 75 years of zooplankton data from Australia. Ecology, 2014, 95, 3229-3229.	3.2	11
158	Satellite Tagging and Photographic Identification Reveal Connectivity Between Two UNESCO World Heritage Areas for Reef Manta Rays. Frontiers in Marine Science, 2020, 7, .	2.5	11
159	Mutualism promotes site selection in a large marine planktivore. Ecology and Evolution, 2021, 11, 5606-5623.	1.9	11
160	Use of epidermal mucus in elasmobranch stable isotope studies: a pilot study using the giant manta ray (Manta birostris). Marine and Freshwater Research, 2018, 69, 336.	1.3	10
161	Re-assessing copepod growth using the Moult Rate method. Journal of Plankton Research, 2014, 36, 1224-1232.	1.8	9
162	Small copepods could channel missing carbon through metazoan predation. Ecology and Evolution, 2018, 8, 10868-10878.	1.9	9

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163	Workshop on the ecosystem and fisheries of the Coral Sea: an Australian perspective on research and management. Reviews in Fish Biology and Fisheries, 2012, 22, 827-834.	4.9	8
164	A historical and contemporary consideration of the diet of the reef manta ray (Manta alfredi) from the Great Barrier Reef, Australia. Marine and Freshwater Research, 2017, 68, 993.	1.3	8
165	Continuous Plankton Recorder database: evolution, current uses and future directions. Marine Ecology - Progress Series, 2006, 316, 247-255.	1.9	8
166	Enhanced assessment of the eReefs biogeochemical model for the Great Barrier Reef using the Concept/State/Process/System model evaluation framework. Environmental Modelling and Software, 2020, 129, 104707.	4.5	8
167	Keep jellyfish numbers in check. Nature, 2012, 483, 158-158.	27.8	7
168	Modelling the distribution of larval fish in a western boundary current using a multi-voyage database. Reviews in Fish Biology and Fisheries, 2021, 31, 399-415.	4.9	7
169	Novel signature fatty acid profile of the giant manta ray suggests reliance on an uncharacterised mesopelagic food source low in polyunsaturated fatty acids. PLoS ONE, 2018, 13, e0186464.	2.5	7
170	A National Reference Station infrastructure for Australia - Using telemetry and central processing to report multi-disciplinary data streams for monitoring marine ecosystem response to climate change. , 2008, , .		6
171	Sea animals are more vulnerable to warming than are land ones. Nature, 2019, 569, 50-51.	27.8	6
172	Comparative ecology of the copepodsCalanoides carinatusandCalanus agulhensisâ€" the influence of temperature and food. African Journal of Marine Science, 2007, 29, 473-490.	1.1	5
173	MISSING DIMENSION â€" Conserving the largest habitat on Earth: protected areas in the pelagic ocean. , 0, , 347-372.		5
174	Mystery of giant rays off the Gaza strip solved. Oryx, 2013, 47, 480-480.	1.0	5
175	Efficiently enforcing artisanal fisheries to protect estuarine biodiversity. Ecological Applications, 2018, 28, 1450-1458.	3.8	5
176	Siphonophores from surface waters of the Colombian Pacific Ocean. Journal of the Marine Biological Association of the United Kingdom, 2019, 99, 67-80.	0.8	5
177	Movement ecology of black marlin <scp>Istiompax indica</scp> in the Western Indian Ocean. Journal of Fish Biology, 2021, 99, 1044-1059.	1.6	5
178	Regional variation in anthropogenic threats to Indian Ocean whale sharks. Global Ecology and Conservation, 2022, 33, e01961.	2.1	5
179	The Mortality/Growth ratio of larval fish and the slope of the zooplankton sizeâ€spectrum. Fish and Fisheries, 2022, 23, 750-757.	5.3	5
180	Global database is needed to support adaptation science. Nature, 2008, 453, 720-720.	27.8	4

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