Philip W. Boyd

List of Publications by Year
in descending order

286 papers	31,755 citations	4388 86 h-index	5120 166 g-index
301 all docs	301 docs citations	301 times ranked	18322 citing authors

#	Article	IF	Citations
1	â€œSinking deadâ€â€”How zooplankton carcasses contribute to particulate organic carbon flux in the subantarctic Southern Ocean. Limnology and Oceanography, 2022, 67, 13-25.	3.1	9
2	Biogeography of Southern Ocean prokaryotes: a comparison of the Indian and Pacific sectors. Environmental Microbiology, 2022, 24, 2449-2466.	3.8	6
3	Forensic carbon accounting: Assessing the role of seaweeds for carbon sequestration. Journal of Phycology, 2022, 58, 347-363.	2.3	53
4	Potential negative effects of ocean afforestation on offshore ecosystems. Nature Ecology and Evolution, 2022, 6, 675-683.	7.8	26
5	The ongoing need for rates: can physiology and omics come together to co-design the measurements needed to understand complex ocean biogeochemistry?. Journal of Plankton Research, 2022, 44, 485-495.	1.8	10
6	Transitioning global change experiments on Southern Ocean phytoplankton from lab to field settings: Insights and challenges. Limnology and Oceanography, 2022, 67, 1911-1930.	3.1	4
7	Bioavailable iron titrations reveal oceanic <i>Synechococcus</i> ecotypes optimized for different iron availabilities. ISME Communications, 2022, 2, .	4.2	8
8	Resource Colimitation Drives Competition Between Phytoplankton and Bacteria in the Southern Ocean. Geophysical Research Letters, 2021, 48, e2020GL088369.	4.0	9
9	Exploring biogeochemical and ecological redundancy in phytoplankton communities in the global ocean. Global Change Biology, 2021, 27, 1196-1213.	9.5	30
10	An operational overview of the EXport Processes in the Ocean from RemoTe Sensing (EXPORTS) Northeast Pacific field deployment. Elementa, 2021, 9, .	3.2	28
11	Cross-basin differences in the nutrient assimilation characteristics of induced phytoplankton blooms in the subtropical Pacific waters. Biogeosciences, 2021, 18, 897-915.	3.3	3
12	Evidence for the Impact of Climate Change on Primary Producers in the Southern Ocean. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	45
13	Testing the climate intervention potential of ocean afforestation using the Great Atlantic Sargassum Belt. Nature Communications, 2021, 12, 2556.	12.8	79
14	Facing Southern Ocean warming: Temperature effects on whole animal performance of Antarctic krill (Euphausia superba). Zoology, 2021, 146, 125910.	1.2	8
15	Nanomolar phosphate supply and its recycling drive net community production in the subtropical North Pacific. Nature Communications, 2021, 12, 3462.	12.8	13
16	Rate and fate of dissolved organic carbon release by seaweeds: A missing link in the coastal ocean carbon cycle. Journal of Phycology, 2021, 57, 1375-1391.	2.3	44
17	Impact of Lagrangian Sea Surface Temperature Variability on Southern Ocean Phytoplankton Community Growth Rates. Global Biogeochemical Cycles, 2021, 35, e2020GB006880.	4.9	10
18	Toward traitâ€based food webs: Universal traits and trait matching in planktonic predatorâ€“prey and hostâ€“parasite relationships. Limnology and Oceanography, 2021, 66, 3857-3872.	3.1	7

#	Article	IF	Citations
19	Seeking natural analogs to fast-forward the assessment of marine CO2 removal. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2106147118.	7.1	12
20	Overwinter sea-ice characteristics important for Antarctic krill recruitment in the southwest Atlantic. Ecological Indicators, 2021, 129, 107934.	6.3	17
21	Implications for the mesopelagic microbial gardening hypothesis as determined by experimental fragmentation of Antarctic krill fecal pellets. Ecology and Evolution, 2021, 11, 1023-1036.	1.9	6
22	Microbes in a sea of sinking particles. Nature Microbiology, 2021, 6, 1479-1480.	13.3	1
23	The Oceansâ€™ Biological Carbon Pumps: Framework for a Research Observational Community Approach. Frontiers in Marine Science, 2021, 8, .	2.5	21
24	Biogeochemical extremes and compound events in the ocean. Nature, 2021, 600, 395-407.	27.8	96
25	Assessment of leaching protocols to determine the solubility of trace metals in aerosols. Talanta, 2020, 208, 120377.	5.5	31
26	Evolution, Microbes, and Changing Ocean Conditions. Annual Review of Marine Science, 2020, 12, 181-208.	11.6	42
27	How do we overcome abrupt degradation of marine ecosystems and meet the challenge of heat waves and climate extremes?. Global Change Biology, 2020, 26, 343-354.	9.5	34
28	Biogeochemical Controls of Particulate Phosphorus Distribution Across the Oligotrophic Subtropical Pacific Ocean. Global Biogeochemical Cycles, 2020, 34, e2020GB006669.	4.9	19
29	The Role of Zooplankton in Establishing Carbon Export Regimes in the Southern Ocean â€“ A Comparison of Two Representative Case Studies in the Subantarctic Region. Frontiers in Marine Science, 2020, 7, .	2.5	12
30	Changing Biogeochemistry of the Southern Ocean and Its Ecosystem Implications. Frontiers in Marine Science, 2020, 7, .	2.5	100
31	Subsurface Chlorophyll-a Maxima in the Southern Ocean. Frontiers in Marine Science, 2020, 7, .	2.5	34
32	Origin, transport and deposition of aerosol iron to Australian coastal waters. Atmospheric Environment, 2020, 228, 117432.	4.1	21
33	Circumpolar projections of Antarctic krill growth potential. Nature Climate Change, 2020, 10, 568-575.	18.8	54
34	Contribution of Electroactive Humic Substances to the Ironâ€Binding Ligands Released During Microbial Remineralization of Sinking Particles. Geophysical Research Letters, 2020, 47, e2019GL086685.	4.0	14
35	Atmospheric Trace Metal Deposition near the Great Barrier Reef, Australia. Atmosphere, 2020, 11, 390.	2.3	12
36	Zooplankton community structure and dominant copepod population structure on the southern Kerguelen Plateau during summer 2016. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 174, 104788.	1.4	3

#	Article	IF	Citations
37	Salpa thompsoni in the Indian Sector of the Southern Ocean: Environmental drivers and life history parameters. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 174, 104789.	1.4	6
38	Atmospheric Trace Metal Deposition from Natural and Anthropogenic Sources in Western Australia. Atmosphere, 2020, 11, 474.	2.3	9
39	Remote assessment of the fate of phytoplankton in the Southern Ocean sea-ice zone. Nature Communications, 2020, 11, 3108.	12.8	31
40	Diel quenching of Southern Ocean phytoplankton fluorescence is related to iron limitation. Biogeosciences, 2020, 17, 793-812.	3.3	25
41	Effects of multiple drivers of ocean global change on the physiology and functional gene expression of the coccolithophore <i>Emiliania huxleyi</i>. Global Change Biology, 2020, 26, 5630-5645.	9.5	17
42	Distinct iron cycling in a Southern Ocean eddy. Nature Communications, 2020, 11, 825.	12.8	50
43	Microbial Competition in the Subpolar Southern Ocean: An Feâ€"C Co-limitation Experiment. Frontiers in Marine Science, 2020, 6, .	2.5	24
44	Metrics that matter for assessing the ocean biological carbon pump. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9679-9687.	7.1	145
45	The oceansâ€™ twilight zone must be studied now, before it is too late. Nature, 2020, 580, 26-28.	27.8	73
46	Some observations on the biogeochemical cycling of zinc in the Australian sector of the Southern Ocean: a dedication to Keith Hunter. Marine and Freshwater Research, 2020, 71, 355.	1.3	12
47	Evaluation of aerosol iron solubility over Australian coastal regions based on inverse modeling: implications of bushfires on bioaccessible iron concentrations in the Southern Hemisphere. Progress in Earth and Planetary Science, 2020, 7, .	3.0	22
48	The Importance of Bottom-Up Approaches to International Cooperation in Ocean Science: The Iron Story. Oceanography, 2020, 33, 11-15.	1.0	4
49	Keith Hunterâ€™s legacy to Marine Science in New Zealand. Marine and Freshwater Research, 2020, 71, i.	1.3	0
50	The interplay between regeneration and scavenging fluxes drives ocean iron cycling. Nature Communications, 2019, 10, 4960.	12.8	41
51	Resupply of mesopelagic dissolved iron controlled by particulate iron composition. Nature Geoscience, 2019, 12, 995-1000.	12.9	29
52	The importance of Antarctic krill in biogeochemical cycles. Nature Communications, 2019, 10, 4742.	12.8	97
53	Iron Availability Influences the Tolerance of Southern Ocean Phytoplankton to Warming and Elevated Irradiance. Frontiers in Marine Science, 2019, 6, .	2.5	34
54	Near-future ocean acidification does not alter the lipid content and fatty acid composition of adult Antarctic krill. Scientific Reports, 2019, 9, 12375.	3.3	13

#	Article	IF	Citations
55	Should we fertilize oceans or seed clouds? No one knows. Nature, 2019, 570, 155-157.	27.8	13
56	Biogeochemical controls of surface ocean phosphate. Science Advances, 2019, 5, eaax0341.	10.3	84
57	Physiology and iron modulate diverse responses of diatoms to a warming Southern Ocean. Nature Climate Change, 2019, 9, 148-152.	18.8	35
58	Exploring the ecology of the mesopelagic biological pump. Progress in Oceanography, 2019, 176, 102125.	3.2	55
59	Scientistsâ€™ warning to humanity: microorganisms and climate change. Nature Reviews Microbiology, 2019, 17, 569-586.	28.6	1,138
60	Exploring mechanisms for spring bloom evolution: contrasting 2008 and 2012 blooms in the southwest Pacific Ocean. Journal of Plankton Research, 2019, 41, 329-348.	1.8	6
61	Putting the silicon cycle in a bag: Field and mesocosm observations of silicon isotope fractionation in subtropical waters east of New Zealand. Marine Chemistry, 2019, 213, 1-12.	2.3	7
62	Multi-faceted particle pumps drive carbon sequestration in the ocean. Nature, 2019, 568, 327-335.	27.8	455
63	Foresight must guide geoengineering research and development. Nature Climate Change, 2019, 9, 342-342.	18.8	4
64	The Sensitivity of Subsurface Microbes to Ocean Warming Accentuates Future Declines in Particulate Carbon Export. Frontiers in Ecology and Evolution, 2019, 6, .	2.2	17
65	In-situ behavioural and physiological responses of Antarctic microphytobenthos to ocean acidification. Scientific Reports, 2019, 9, 1890.	3.3	7
66	Photosynthetic adaptation to low iron, light, and temperature in Southern Ocean phytoplankton. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4388-4393.	7.1	104
67	Experimental strategies to assess the biological ramifications of multiple drivers of global ocean changeâ€"A review. Global Change Biology, 2018, 24, 2239-2261.	9.5	285
68	Insights Into the Biogeochemical Cycling of Iron, Nitrate, and Phosphate Across a 5,300Âkm South Pacific Zonal Section (153Â°Eâ€"150Â°W). Global Biogeochemical Cycles, 2018, 32, 187-207.	4.9	31
69	The GEOTRACES Intermediate Data Product 2017. Chemical Geology, 2018, 493, 210-223.	3.3	257
70	Environmental controls on the elemental composition of a Southern Hemisphere strain of the coccolithophore <i>Emiliania huxleyi</i>. Biogeosciences, 2018, 15, 581-595.	3.3	11
71	Current understanding and challenges for oceans in a higher-CO2 world. Nature Climate Change, 2018, 8, 686-694.	18.8	55
72	Light regime affects the seasonal cycle of Antarctic krill (Euphausia superba): impacts on growth, feeding, lipid metabolism, and maturity. Canadian Journal of Zoology, 2018, 96, 1203-1213.	1.0	15

#	Article	IF	Citations
73	Modelling growth and reproduction of Antarctic krill, Euphausia superba, based on temperature, food and resource allocation amongst life history functions. ICES Journal of Marine Science, 2018, 75, 738-750.	2.5	18
74	Effect of anthropogenic warming on microbial respiration and particulate organic carbon export rates in the sub-Antarctic Southern Ocean. Aquatic Microbial Ecology, 2018, 82, 111-127.	1.8	23
75	Climate engineering is not just about the atmosphere. Nature, 2018, 553, 27-27.	27.8	4
76	The integral role of iron in ocean biogeochemistry. Nature, 2017, 543, 51-59.	27.8	482
77	Biotic and abiotic retention, recycling and remineralization of metals in the ocean. Nature Geoscience, 2017, 10, 167-173.	12.9	98
78	Eddyâ€induced carbon transport across the Antarctic Circumpolar Current. Global Biogeochemical Cycles, 2017, 31, 1368-1386.	4.9	32
79	Environmental controls on the growth, photosynthetic and calcification rates of a Southern Hemisphere strain of the coccolithophore <i>Emiliania huxleyi</i>. Limnology and Oceanography, 2017, 62, 519-540.	3.1	50
80	Forecast ocean variability. Nature, 2016, 539, 162-163.	27.8	5
81	Biological responses to environmental heterogeneity under future ocean conditions. Global Change Biology, 2016, 22, 2633-2650.	9.5	187
82	Developing priority variables (â€œecosystem Essential Ocean Variablesâ€•â€" eEOVs) for observing dynamics and change in Southern Ocean ecosystems. Journal of Marine Systems, 2016, 161, 26-41.	2.1	89
83	Development of geopolitically relevant ranking criteria for geoengineering methods. Earth's Future, 2016, 4, 523-531.	6.3	6
84	Marine phytoplankton and the changing ocean iron cycle. Nature Climate Change, 2016, 6, 1072-1079.	18.8	159
85	Coastal ocean and shelf-sea biogeochemical cycling of trace elements and isotopes: lessons learned from GEOTRACES. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20160076.	3.4	56
86	Developing a test-bed for robust research governance of geoengineering: the contribution of ocean iron biogeochemistry. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150299.	3.4	9
87	Reply to â€œComment on â€˜Spring blooms and annual cycles of phytoplankton: a unified perspectiveâ€™, by Chiswellet al.â€• Journal of Plankton Research, 2016, 38, 688-689.	1.8	0
88	Understanding the variability in the iron concentration of Antarctic krill. Limnology and Oceanography, 2016, 61, 1651-1660.	3.1	15
89	Physiological responses of a Southern Ocean diatom to complex future ocean conditions. Nature Climate Change, 2016, 6, 207-213.	18.8	153
90	Why are biotic iron pools uniform across highâ€•and lowâ€iron pelagic ecosystems?. Global Biogeochemical Cycles, 2015, 29, 1028-1043.	4.9	37

#	Article	IF	Citations
91	RESPIRE: An in situ particle interceptor to conduct particle remineralization and microbial dynamics studies in the oceansâ€™ <scp>T</scp>wilight <scp>Z</scp>one. Limnology and Oceanography: Methods, 2015, 13, 494-508.	2.0	19
92	Modes of interactions between environmental drivers and marine biota. Frontiers in Marine Science, 2015, 2, .	2.5	48
93	Toward quantifying the response of the oceans' biological pump to climate change. Frontiers in Marine Science, 2015, 2, .	2.5	37
94	Long-Term Conditioning to Elevated pCO2 and Warming Influences the Fatty and Amino Acid Composition of the Diatom Cylindrotheca fusiformis. PLoS ONE, 2015, 10, e0123945.	2.5	57
95	Effects of sinking velocities and microbial respiration rates on the attenuation of particulate carbon fluxes through the mesopelagic zone. Global Biogeochemical Cycles, 2015, 29, 175-193.	4.9	66
96	Surface ocean-lower atmosphere study: Scientific synthesis and contribution to Earth system science. Anthropocene, 2015, 12, 54-68.	3.3	13
97	Iron stable isotopes track pelagic iron cycling during a subtropical phytoplankton bloom. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E15-20.	7.1	63
98	Using the L* concept to explore controls on the relationship between paired ligand and dissolved iron concentrations in the ocean. Marine Chemistry, 2015, 173, 52-66.	2.3	20
99	Spring blooms and annual cycles of phytoplankton: a unified perspective. Journal of Plankton Research, 2015, 37, 500-508.	1.8	72
100	Ocean acidification increases the accumulation of toxic phenolic compounds across trophic levels. Nature Communications, 2015, 6, 8714.	12.8	91
101	Biological ramifications of climate-change-mediated oceanic multi-stressors. Nature Climate Change, 2015, 5, 71-79.	18.8	214
102	Species-Specific Variations in the Nutritional Quality of Southern Ocean Phytoplankton in Response to Elevated pCO2. Water (Switzerland), 2014, 6, 1840-1859.	2.7	24
103	Surface-water iron supplies in the Southern Ocean sustained by deep winter mixing. Nature Geoscience, 2014, 7, 314-320.	12.9	223
104	A ventilationâ€based framework to explain the regenerationâ€scavenging balance of iron in the ocean. Geophysical Research Letters, 2014, 41, 7227-7236.	4.0	23
105	Temporal changes in particle-associated microbial communities after interception by nonlethal sediment traps. FEMS Microbiology Ecology, 2014, 87, 153-163.	2.7	50
106	Global assessment of ocean carbon export by combining satellite observations and foodâ€web models. Global Biogeochemical Cycles, 2014, 28, 181-196.	4.9	368
107	Climate change and Southern Ocean ecosystems I: how changes in physical habitats directly affect marine biota. Global Change Biology, 2014, 20, 3004-3025.	9.5	448
108	Pelagic iron cycling during the subtropical spring bloom, east of New Zealand. Marine Chemistry, 2014, 160, 18-33.	2.3	35

#	Article	IF	Citations
109	Western Pacific atmospheric nutrient deposition fluxes, their impact on surface ocean productivity. Global Biogeochemical Cycles, 2014, 28, 712-728.	4.9	63
110	Differential remineralization of major and trace elements in sinking diatoms. Limnology and Oceanography, 2014, 59, 689-704.	3.1	84
111	Oceanâ€“Atmosphere Interactions of Particles. Springer Earth System Sciences, 2014, , 171-246.	0.2	29
112	Perspectives and Integration in SOLAS Science. Springer Earth System Sciences, 2014, , 247-306.	0.2	2
113	Diffusion Boundary Layers Ameliorate the Negative Effects of Ocean Acidification on the Temperate Coralline Macroalga Arthrocardia corymbosa. PLoS ONE, 2014, 9, e97235.	2.5	105
114	EXPERIMENTAL EVOLUTION MEETS MARINE PHYTOPLANKTON. Evolution; International Journal of Organic Evolution, 2013, 67, 1849-1859.	2.3	122
115	Temporal variation of dissolved methane in a subtropical mesoscale eddy during a phytoplankton bloom in the southwest Pacific Ocean. Progress in Oceanography, 2013, 116, 193-206.	3.2	24
116	Diatom traits regulate Southern Ocean silica leakage. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20358-20359.	7.1	19
117	Relationships between nutrient stocks and inventories and phytoplankton physiological status along an oligotrophic meridional transect in the Tasman Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2013, 72, 102-120.	1.4	29
118	High abundances of cyanomyoviruses in marine ecosystems demonstrate ecological relevance. FEMS Microbiology Ecology, 2013, 84, 223-234.	2.7	32
119	Framing biological responses to a changing ocean. Nature Climate Change, 2013, 3, 530-533.	18.8	14
120	Diurnal fluctuations in seawater pH influence the response of a calcifying macroalga to ocean acidification. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20132201.	2.6	174
121	Short- and long-term conditioning of a temperate marine diatom community to acidification and warming. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120437.	4.0	86
122	Processes and patterns of oceanic nutrient limitation. Nature Geoscience, 2013, 6, 701-710.	12.9	1,627
123	Marine Phytoplankton Temperature versus Growth Responses from Polar to Tropical Waters â€“ Outcome of a Scientific Community-Wide Study. PLoS ONE, 2013, 8, e63091.	2.5	258
124	Diatom Proteomics Reveals Unique Acclimation Strategies to Mitigate Fe Limitation. PLoS ONE, 2013, 8, e75653.	2.5	86
125	Elemental quotas and physiology of a southwestern Pacific Ocean plankton community as a function of iron availability. Aquatic Microbial Ecology, 2013, 68, 185-194.	1.8	22
126	Ocean Fertilization for Sequestration of Carbon Dioxide from the Atmosphere. , 2013, , 53-72.		0

#	Article	IF	Citations
127	Ocean fertilization for geoengineering: A review of effectiveness, environmental impacts and emerging governance. Chemical Engineering Research and Design, 2012, 90, 475-488.	5.6	110
128	Microbial control of diatom bloom dynamics in the open ocean. Geophysical Research Letters, 2012, 39, .	4.0	61
129	Mapping phytoplankton iron utilization: Insights into Southern Ocean supply mechanisms. Journal of Geophysical Research, 2012, 117, .	3.3	113
130	Ironâ€light interactions differ in Southern Ocean phytoplankton. Limnology and Oceanography, 2012, 57, 1182-1200.	3.1	150
131	A comparison of biogenic iron quotas during a diatom spring bloom using multiple approaches. Biogeosciences, 2012, 9, 667-687.	3.3	39
132	Ecosystem Impacts of Geoengineering: A Review for Developing a Science Plan. Ambio, 2012, 41, 350-369.	5.5	69
133	The fishery for Antarctic krill â€“ recent developments. Fish and Fisheries, 2012, 13, 30-40.	5.3	252
134	Production of viruses during a spring phytoplankton bloom in the South Pacific Ocean near of New Zealand. FEMS Microbiology Ecology, 2012, 79, 709-719.	2.7	27
135	BEFORE OCEAN ACIDIFICATION: CALCIFIER CHEMISTRY LESSONS¹. Journal of Phycology, 2012, 48, 840-843.	2.3	104
136	Influence of ocean warming and acidification on trace metal biogeochemistry. Marine Ecology - Progress Series, 2012, 470, 191-205.	1.9	96
137	Understanding the responses of ocean biota to a complex matrix of cumulative anthropogenic change. Marine Ecology - Progress Series, 2012, 470, 125-135.	1.9	155
138	A New Database to Explore the Findings from Large-Scale Ocean Iron Enrichment Experiments. Oceanography, 2012, 25, 64-71.	1.0	15
139	Role of the seasonal cycle in coupling climate and carbon cycling in the subantarctic zone. Eos, 2011, 92, 235-236.	0.1	9
140	Vertical distributions of iron-(III) complexing ligands in the Southern Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2113-2125.	1.4	75
141	Will krill fare well under Southern Ocean acidification?. Biology Letters, 2011, 7, 288-291.	2.3	87
142	Ocean-bottom krill sex. Journal of Plankton Research, 2011, 33, 1134-1138.	1.8	33
143	Metabolically induced <scp>pH</scp> fluctuations by some coastal calcifiers exceed projected 22nd century ocean acidification: a mechanism for differential susceptibility?. Global Change Biology, 2011, 17, 3254-3262.	9.5	148
144	Beyond ocean acidification. Nature Geoscience, 2011, 4, 273-274.	12.9	92

#	Article	IF	Citations
145	Saccharides enhance iron bioavailability to Southern Ocean phytoplankton. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1076-1081.	7.1	235
146	Adaptive strategies by Southern Ocean phytoplankton to lessen iron limitation: Uptake of organically complexed iron and reduced cellular iron requirements. Limnology and Oceanography, 2011, 56, 1983-2002.	3.1	149
147	A Climate Change Atlas for the Ocean. Oceanography, 2011, 24, 13-16.	1.0	10
148	Remineralization of upper ocean particles: Implications for iron biogeochemistry. Limnology and Oceanography, 2010, 55, 1271-1288.	3.1	103
149	Aerosol iron deposition to the surface ocean â€" Modes of iron supply and biological responses. Marine Chemistry, 2010, 120, 128-143.	2.3	135
150	The biogeochemical cycle of iron in the ocean. Nature Geoscience, 2010, 3, 675-682.	12.9	750
151	Environmental control of openâ€ocean phytoplankton groups: Now and in the future. Limnology and Oceanography, 2010, 55, 1353-1376.	3.1	266
152	Surface zooplankton distribution in the Drake Passage recorded by Continuous Plankton Recorder (CPR) in late austral summer of 2000. Polar Science, 2010, 3, 235-245.	1.2	20
153	Acoustic characterisation of the broad-scale distribution and abundance of Antarctic krill (Euphausia superba) off East Antarctica (30-80Â°E) in January-March 2006. Deep-Sea Research Part II: Topical Studies in Oceanography, 2010, 57, 916-933.	1.4	70
154	An experimental aquarium for observing the schooling behaviour of Antarctic krill (Euphausia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.4	69
155	An automated pH-controlled culture system for laboratory-based ocean acidification experiments. Limnology and Oceanography: Methods, 2010, 8, 686-694.	2.0	28
156	Shedding light on processes that control particle export and flux attenuation in the twilight zone of the open ocean. Limnology and Oceanography, 2009, 54, 1210-1232.	3.1	384
157	Geopolitics of geoengineering. Nature Geoscience, 2009, 2, 812-812.	12.9	9
158	Response to Lenes et al., 2009 rebuttal in Marine Chemistry. Marine Chemistry, 2009, 116, 54-55.	2.3	1
159	Ocean iron cycle. Geophysical Monograph Series, 2009, , 161-179.	0.1	5
160	Ocean nutrients. Geophysical Monograph Series, 2009, , 139-160.	0.1	4
161	Biogeochemical iron budgets of the Southern Ocean south of Australia: Decoupling of iron and nutrient cycles in the subantarctic zone by the summertime supply. Global Biogeochemical Cycles, 2009, 23, .	4.9	164
162	Deciphering diatom biochemical pathways via whole-cell proteomics. Aquatic Microbial Ecology, 2009, 55, 241-253.	1.8	48

#	Article	IF	Citations
163	Ranking geo-engineering schemes. Nature Geoscience, 2008, 1, 722-724.	12.9	69
164	Biogeochemistry of iron in Australian dust: From eolian uplift to marine uptake. Geochemistry, Geophysics, Geosystems, 2008, 9, .	2.5	84
165	Quantifying the surfaceâ€“subsurface biogeochemical coupling during the VERTIGO ALOHA and K2 studies. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 1578-1593.	1.4	43
166	Primary, new and export production in the NW Pacific subarctic gyre during the vertigo K2 experiments. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 1594-1604.	1.4	38
167	Barium in twilight zone suspended matter as a potential proxy for particulate organic carbon remineralization: Results for the North Pacific. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 1673-1683.	1.4	53
168	VERTIGO (VERtical Transport In the Global Ocean): A study of particle sources and flux attenuation in the North Pacific. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 1522-1539.	1.4	121
169	Winterâ€time dissolved iron and nutrient distributions in the Subantarctic Zone from 40â€“52S; 155â€“160E. Geophysical Research Letters, 2008, 35, .	4.0	46
170	Ocean Iron Fertilization--Moving Forward in a Sea of Uncertainty. Science, 2008, 319, 162-162.	12.6	156
171	Response to Comment on "The Southern Ocean Biological Response to Aeolian Iron Deposition". Science, 2008, 319, 159-159.	12.6	10
172	Bacterial vs. zooplankton control of sinking particle flux in the ocean's twilight zone. Limnology and Oceanography, 2008, 53, 1327-1338.	3.1	350
173	Inorganic carbon uptake by Southern Ocean phytoplankton. Limnology and Oceanography, 2008, 53, 1266-1278.	3.1	70
174	Climate-mediated changes to mixed-layer properties in the Southern Ocean: assessing the phytoplankton response. Biogeosciences, 2008, 5, 847-864.	3.3	78
175	Implications of large-scale iron fertilization of the oceans. Marine Ecology - Progress Series, 2008, 364, 213-218.	1.9	47
176	Predicting and verifying the intended and unintended consequences of large-scale ocean iron fertilization. Marine Ecology - Progress Series, 2008, 364, 295-301.	1.9	50
177	Designing the next generation of ocean iron fertilization experiments. Marine Ecology - Progress Series, 2008, 364, 303-309.	1.9	29
178	Iron-binding ligands and their role in the ocean biogeochemistry of iron. Environmental Chemistry, 2007, 4, 221.	1.5	144
179	Luminescent Whole-Cell Cyanobacterial Bioreporter for Measuring Fe Availability in Diverse Marine Environments. Applied and Environmental Microbiology, 2007, 73, 1019-1024.	3.1	43
180	Revisiting Carbon Flux Through the Ocean's Twilight Zone. Science, 2007, 316, 567-570.	12.6	547

#	Article	IF	Citations
181	Mesoscale Iron Enrichment Experiments 1993-2005: Synthesis and Future Directions. Science, 2007, 315, 612-617.	12.6	1,250
182	Predictive accuracy of temperature-nitrate relationships for the oceanic mixed layer of the New Zealand region. Journal of Geophysical Research, 2007, 112, .	3.3	15
183	Physical mixing effects on iron biogeochemical cycling: FeCycle experiment. Journal of Geophysical Research, 2007, 112, .	3.3	43
184	Iron findings. Nature, 2007, 446, 990-991.	27.8	20
185	Understanding the export of biogenic particles in oceanic waters: Is there consensus?. Progress in Oceanography, 2007, 72, 276-312.	3.2	394
186	The krill maturity cycle: a conceptual model of the seasonal cycle in Antarctic krill. Polar Biology, 2007, 30, 689-698.	1.2	48
187	A method for estimating inherent optical properties of New Zealand continental shelf waters from satellite ocean colour measurements. New Zealand Journal of Marine and Freshwater Research, 2006, 40, 227-247.	2.0	21
188	Particulate iron dynamics during FeCycle in subantarctic waters southeast of New Zealand. Global Biogeochemical Cycles, 2006, 20, n/a-n/a.	4.9	112
189	Modeling analysis of the effect of iron enrichment on dimethyl sulfide dynamics in the NE Pacific (SERIES experiment). Journal of Geophysical Research, 2006, 111, .	3.3	19
190	Soil abrasion and eolian dust production: Implications for iron partitioning and solubility. Geochemistry, Geophysics, Geosystems, 2006, 7, n/a-n/a.	2.5	38
191	Development of a robust marine ecosystem model to predict the role of iron in biogeochemical cycles: A comparison of results for iron-replete and iron-limited areas, and the SOIREE iron-enrichment experiment. Deep-Sea Research Part I: Oceanographic Research Papers, 2006, 53, 333-366.	1.4	61
192	Matching carbon pools and fluxes for the Southern Ocean Iron Release Experiment (SOIREE). Deep-Sea Research Part I: Oceanographic Research Papers, 2006, 53, 1941-1960.	1.4	7
193	Modeling studies investigating the causes of preferential depletion of silicic acid relative to nitrate during SERIES, a mesoscale iron enrichment in the NE subarctic Pacific. Deep-Sea Research Part II: Topical Studies in Oceanography, 2006, 53, 2297-2326.	1.4	9
194	Patch evolution and the biogeochemical impact of entrainment during an iron fertilisation experiment in the sub-Arctic Pacific. Deep-Sea Research Part II: Topical Studies in Oceanography, 2006, 53, 2012-2033.	1.4	41
195	Nutrient and phytoplankton dynamics during the stationary and declining phases of a phytoplankton bloom induced by iron-enrichment in the eastern subarctic Pacific. Deep-Sea Research Part II: Topical Studies in Oceanography, 2006, 53, 2168-2181.	1.4	18
196	Observations of Small-Scale Processes Associated with the Internal Tide Encountering an Island. Journal of Physical Oceanography, 2005, 35, 1553-1567.	1.7	9
197	The evolution and termination of an iron-induced mesoscale bloom in the northeast subarctic Pacific. Limnology and Oceanography, 2005, 50, 1872-1886.	3.1	106
198	Intercomparison of ocean colour band-ratio algorithms for chlorophyll concentration in the Subtropical Front east of New Zealand. Remote Sensing of Environment, 2005, 97, 382-402.	11.0	24

#	Article	IF	Citations
199	A mechanism for onset of diatom blooms in a fjord with persistent salinity stratification. Estuarine, Coastal and Shelf Science, 2005, 64, 546-560.	2.1	53
200	Global Iron Connections Between Desert Dust, Ocean Biogeochemistry, and Climate. Science, 2005, 308, 67-71.	12.6	2,365
201	Fe and Zn effects on the Si cycle and diatom community structure in two contrasting high and low-silicate HNLC areas. Deep-Sea Research Part I: Oceanographic Research Papers, 2005, 52, 1842-1864.	1.4	98
202	Simulating the cloud processing of iron in Australian dust: pH and dust concentration. Geophysical Research Letters, 2005, 32, .	4.0	76
203	Synthesis of iron fertilization experiments: From the Iron Age in the Age of Enlightenment. Journal of Geophysical Research, 2005, 110, .	3.3	596
204	Temporal coupling between surface and deep ocean biogeochemical processes in contrasting subtropical and subantarctic water masses, southwest Pacific Ocean. Journal of Geophysical Research, 2005, 110, .	3.3	35
205	Tracking changes in bioavailable Fe within high-nitrate low-chlorophyll oceanic waters: A first estimate using a heterotrophic bacterial bioreporter. Global Biogeochemical Cycles, 2005, 19, n/a-n/a.	4.9	19
206	Acquisition of iron bound to strong organic complexes, with different Fe binding groups and photochemical reactivities, by plankton communities in Fe-limited subantarctic waters. Global Biogeochemical Cycles, 2005, 19, n/a-n/a.	4.9	130
207	Impact of phytoplankton on the biogeochemical cycling of iron in subantarctic waters southeast of New Zealand during FeCycle. Global Biogeochemical Cycles, 2005, 19, n/a-n/a.	4.9	34
208	Spinning the â€œFerrous Wheelâ€: The importance of the microbial community in an iron budget during the FeCycle experiment. Global Biogeochemical Cycles, 2005, 19, n/a-n/a.	4.9	128
209	FeCycle: Attempting an iron biogeochemical budget from a mesoscale SF6tracer experiment in unperturbed low iron waters. Global Biogeochemical Cycles, 2005, 19, n/a-n/a.	4.9	114
210	Role of algal aggregation in vertical carbon export during SOIREE and in other low biomass environments. Geophysical Research Letters, 2005, 32, .	4.0	74
211	OCEAN SCIENCE: Ironing Out Algal Issues in the Southern Ocean. Science, 2004, 304, 396-397.	12.6	51
212	The decline and fate of an iron-induced subarctic phytoplankton bloom. Nature, 2004, 428, 549-553.	27.8	476
213	Validation of SeaWiFS data from around New Zealand. Advances in Space Research, 2004, 33, 1160-1167.	2.6	17
214	Possible impacts of zooplankton grazing on dimethylsulfide production in the Antarctic Ocean. Canadian Journal of Fisheries and Aquatic Sciences, 2004, 61, 736-743.	1.4	36
215	Episodic enhancement of phytoplankton stocks in New Zealand subantarctic waters: Contribution of atmospheric and oceanic iron supply. Global Biogeochemical Cycles, 2004, 18, n/a-n/a.	4.9	88
216	Selenium speciation in subantarctic and subtropical waters east of New Zealand: trends and temporal variations. Deep-Sea Research Part I: Oceanographic Research Papers, 2004, 51, 491-506.	1.4	20

#	Article	IF	Citations
217	Pilot trophic model for subantarctic water over the Southern Plateau, New Zealand: a low biomass, high transfer efficiency system. Journal of Experimental Marine Biology and Ecology, 2003, 289, 223-262.	1.5	53
218	The Impact of Climate Change and Feedback Processes on the Ocean Carbon Cycle. , 2003, , 157-193.		42
219	CLIMATE CHANGE: Will Ocean Fertilization Work?. Science, 2003, 300, 67-68.	12.6	107
220	Are mesoscale perturbation experiments in polar waters prone to physical artefacts? Evidence from algal aggregation modelling studies. Geophysical Research Letters, 2002, 29, 36-1.	4.0	27
221	Modelling regional responses by marine pelagic ecosystems to global climate change. Geophysical Research Letters, 2002, 29, 53-1-53-4.	4.0	281
222	The role of iron in the biogeochemistry of the Southern Ocean and equatorial Pacific: a comparison of in situ iron enrichments. Deep-Sea Research Part II: Topical Studies in Oceanography, 2002, 49, 1803-1821.	1.4	78
223	Seasonal and interannual trends in heterotrophic bacterial processes between 1995 and 1999 in the subarctic NE Pacific. Deep-Sea Research Part II: Topical Studies in Oceanography, 2002, 49, 5775-5791.	1.4	14
224	Modelling particle transformations and the downward organic carbon flux in the NE Atlantic Ocean. Progress in Oceanography, 2002, 52, 1-29.	3.2	23
225	ENVIRONMENTAL FACTORS CONTROLLING PHYTOPLANKTON PROCESSES IN THE SOUTHERN OCEAN1. Journal of Phycology, 2002, 38, 844-861.	2.3	265
226	A persistent subsurface chlorophyll maximum in the Interpolar Frontal Zone south of Australia: Seasonal progression and implications for phytoplankton-light-nutrient interactions. Journal of Geophysical Research, 2001, 106, 31543-31557.	3.3	103
227	Control of phytoplankton growth by iron and silicic acid availability in the subantarctic Southern Ocean: Experimental results from the SAZ Project. Journal of Geophysical Research, 2001, 106, 31559-31572.	3.3	126
228	Control of phytoplankton growth by iron supply and irradiance in the subantarctic Southern Ocean: Experimental results from the SAZ Project. Journal of Geophysical Research, 2001, 106, 31573-31583.	3.3	130
229	Particle transformations and export flux during anin situiron-stimulated algal bloom in the Southern Ocean. Geophysical Research Letters, 2001, 28, 2409-2412.	4.0	37
230	Retention of dissolved iron and FeIIin an iron induced Southern Ocean phytoplankton bloom. Geophysical Research Letters, 2001, 28, 3425-3428.	4.0	132
231	Effects of iron, silicate, and light on dimethylsulfoniopropionate production in the Australian Subantarctic Zone. Journal of Geophysical Research, 2001, 106, 31585-31595.	3.3	11
232	Size-fractionated primary production and nitrogen uptake during a North Atlantic phytoplankton bloom: implications for carbon export estimates. Deep-Sea Research Part I: Oceanographic Research Papers, 2001, 48, 689-720.	1.4	66
233	The Southern Ocean Iron RElease Experiment (SOIREE)â€"introduction and summary. Deep-Sea Research Part II: Topical Studies in Oceanography, 2001, 48, 2425-2438.	1.4	107
234	Iron-mediated changes in phytoplankton photosynthetic competence during SOIREE. Deep-Sea Research Part II: Topical Studies in Oceanography, 2001, 48, 2529-2550.	1.4	133

#	Article	IF	Citations
235	Phytoplankton processes. Part 1: Community structure during the Southern Ocean Iron RElease Experiment (SOIREE). Deep-Sea Research Part II: Topical Studies in Oceanography, 2001, 48, 2551-2570.	1.4	127
236	Phytoplankton processes. Part 2: Rates of primary production and factors controlling algal growth during the Southern Ocean Iron RElease Experiment (SOIREE). Deep-Sea Research Part II: Topical Studies in Oceanography, 2001, 48, 2571-2590.	1.4	74
237	The fate of added iron during a mesoscale fertilisation experiment in the Southern Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2001, 48, 2703-2743.	1.4	160
238	Modeling the bloom evolution and carbon flows during SOIREE: Implications for future in situ iron-enrichments in the Southern Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2001, 48, 2745-2773.	1.4	42
239	Phytoplankton distributions around New Zealand derived from SeaWiFS remotelyâ€sensed ocean colour data. New Zealand Journal of Marine and Freshwater Research, 2001, 35, 343-362.	2.0	191
240	Iron uptake and physiological response of phytoplankton during a mesoscale Southern Ocean iron enrichment. Limnology and Oceanography, 2001, 46, 1802-1808.	3.1	78
241	A mesoscale phytoplankton bloom in the polar Southern Ocean stimulated by iron fertilization. Nature, 2000, 407, 695-702.	27.8	1,417
242	Importance of stirring in the development of an iron-fertilized phytoplankton bloom. Nature, 2000, 407, 727-730.	27.8	260
243	Effect of iron supply on Southern Ocean CO2 uptake and implications for glacial atmospheric CO2. Nature, 2000, 407, 730-733.	27.8	449
244	Pelagic ecosystem structure and functioning in the subtropical front region east of New Zealand in austral winter and spring 1993. Journal of Plankton Research, 1999, 21, 405-428.	1.8	105
245	Comparison of factors controlling phytoplankton productivity in the NE and NW subarctic Pacific gyres. Progress in Oceanography, 1999, 43, 205-234.	3.2	218
246	Does planktonic community structure determine downward particulate organic carbon flux in different oceanic provinces?. Deep-Sea Research Part I: Oceanographic Research Papers, 1999, 46, 63-91.	1.4	263
247	The Joint Global Ocean Flux Study (Canada) in the NE subarctic Pacific. Deep-Sea Research Part II: Topical Studies in Oceanography, 1999, 46, 2345-2350.	1.4	16
248	Phytoplankton dynamics in the NE subarctic Pacific. Deep-Sea Research Part II: Topical Studies in Oceanography, 1999, 46, 2405-2432.	1.4	190
249	Co-limitation of phytoplankton growth by light and Fe during winter in the NE subarctic Pacific Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 1999, 46, 2475-2485.	1.4	119
250	Seasonal and spatial patterns of heterotrophic bacterial production, respiration, and biomass in the subarctic NE Pacific. Deep-Sea Research Part II: Topical Studies in Oceanography, 1999, 46, 2557-2578.	1.4	60
251	Mesozooplankton grazing manipulations during in vitro iron enrichment studies in the NE subarctic Pacific. Deep-Sea Research Part II: Topical Studies in Oceanography, 1999, 46, 2645-2668.	1.4	27
252	Transformations of biogenic particulates from the pelagic to the deep ocean realm. Deep-Sea Research Part II: Topical Studies in Oceanography, 1999, 46, 2761-2792.	1.4	91

#	Article	IF	Citations
253	Limitation of algal growth by iron deficiency in the Australian Subantarctic Region. Geophysical Research Letters, 1999, 26, 2865-2868.	4.0	109
254	Role of iron, light, and silicate in controlling algal biomass in subantarctic waters SE of New Zealand. Journal of Geophysical Research, 1999, 104, 13395-13408.	3.3	265
255	Predicting rates of primary production in the vicinity of the Subtropical Convergence east of New Zealand. New Zealand Journal of Marine and Freshwater Research, 1999, 33, 443-455.	2.0	18
256	Biogeochemistry of trace metals in the ocean. Marine and Freshwater Research, 1999, 50, 739.	1.3	22
257	Modeling the relative contributions of autotrophs and heterotrophs to carbon flow at a Lagrangian JGOFS station in the Northeast Atlantic: The importance of DOC. Limnology and Oceanography, 1999, 44, 80-94.	3.1	83
258	In vitro iron enrichment experiments at iron-rich and -poor sites in the NE subarctic Pacific. Journal of Experimental Marine Biology and Ecology, 1998, 227, 133-151.	1.5	48
259	Carbon flux in iceâ€"oceanâ€"plankton systems of the Bellingshausen Sea during a period of ice retreat. Journal of Marine Systems, 1998, 17, 207-227.	2.1	13
260	Atmospheric iron supply and enhanced vertical carbon flux in the NE subarctic Pacific: Is there a connection?. Global Biogeochemical Cycles, 1998, 12, 429-441.	4.9	114
261	Interannual variability in nitrate supply to surface waters of the Northeast Pacific Ocean. Marine Ecology - Progress Series, 1998, 170, 15-23.	1.9	85
262	Measuring Biogenic Carbon Flux in the Ocean. Science, 1997, 275, 554-555.	12.6	17
263	Micro-algal carbon and nitrogen uptake in post-coccolithophore bloom conditions in the northeast Atlantic, July 1991. Deep-Sea Research Part I: Oceanographic Research Papers, 1997, 44, 1497-1517.	1.4	19
264	Physical, chemical and biological features of a cyclonic eddy in the region of 61Â°10'N 19Â°50'W in the North Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 1997, 44, 1815-1839.	1.4	30
265	A novel delta-subdivision proteobacterial lineage from the lower ocean surface layer. Applied and Environmental Microbiology, 1997, 63, 1441-1448.	3.1	98
266	Comparison of radiocarbon and fluorescence based (pump and probe) measurements of phytoplankton photosynthetic characteristics in the Northeast Atlantic Ocean. Marine Ecology - Progress Series, 1997, 149, 215-226.	1.9	33
267	An assessment of the role of the marginal ice zone in the carbon cycle of the Southern Ocean. Antarctic Science, 1996, 8, 349-358.	0.9	27
268	Flavodoxin as an in situ marker for iron stress in phytoplankton. Nature, 1996, 382, 802-805.	27.8	269
269	In vitro iron enrichment experiments in the NE subarctic Pacific. Marine Ecology - Progress Series, 1996, 136, 179-193.	1.9	159
270	The NE subarctic Pacific in winter:II. Biological rate processes. Marine Ecology - Progress Series, 1995, 128, 25-34.	1.9	45

#	Article	IF	Citations
271	Scientific Diving Under Sea Ice in the Southern Ocean. Underwater Technology, 1995, 21, 21-27.	0.3	1
272	Phytoplankton production and biomass estimates in the northeast Atlantic Ocean, Mayâ€"June 1990. Deep-Sea Research Part I: Oceanographic Research Papers, 1995, 42, 599-617.	1.4	48
273	Evidence of the potential influence of planktonic community structure on the interannual variability of particulate organic carbon flux. Deep-Sea Research Part I: Oceanographic Research Papers, 1995, 42, 619-639.	1.4	186
274	Phytoplankton distributions and production in the Bellingshausen sea, Austral spring 1992. Deep-Sea Research Part II: Topical Studies in Oceanography, 1995, 42, 1201-1224.	1.4	59
275	Water column and sea-ice primary production during Austral spring in the Bellingshausen Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 1995, 42, 1177-1200.	1.4	88
276	A comparison of isotopic and chemiluminescent methods of estimating microalgal nitrate uptake in the NE Atlantic. Marine Ecology - Progress Series, 1995, 116, 199-205.	1.9	10
277	standing stocks. Marine Ecology - Progress Series, 1995, 128, 11-24.	1.9	61
278	The impact of a coccolithophore bloom on oceanic carbon uptake in the northeast Atlantic during summer 1991. Deep-Sea Research Part I: Oceanographic Research Papers, 1994, 41, 297-314.	1.4	146
279	Relationship between Recruitment of the Antarctic Krill and the Degree of Ice Cover near the South Shetland Islands. Fisheries Science, 1994, 60, 123-124.	1.6	41
280	Elevated consumption of carbon relative to nitrogen in the surface ocean. Nature, 1993, 363, 248-250.	27.8	323
281	Size-fractionated primary productivity in the northeast Atlantic in Mayâ€"July 1989. Deep-Sea Research Part II: Topical Studies in Oceanography, 1993, 40, 423-440.	1.4	77
282	A biogeochemical study of the coccolithophore, <i>Emiliania huxleyi</i>, in the North Atlantic. Global Biogeochemical Cycles, 1993, 7, 879-900.	4.9	450
283	Production of organic and inorganic carbon within a large-scale coccolithophore bloom in the northeast Atlantic Ocean. Marine Ecology - Progress Series, 1993, 97, 271-285.	1.9	134
284	Ferrioxamine Siderophores Detected amongst Iron Binding Ligands Produced during the Remineralization of Marine Particles. Frontiers in Marine Science, 0, 3, .	2.5	40
285	Toward a Regional Classification to Provide a More Inclusive Examination of the Ocean Biogeochemistry of Iron-Binding Ligands. Frontiers in Marine Science, 0, 4, .	2.5	51
286	Status, Change, and Futures of Zooplankton in the Southern Ocean. Frontiers in Ecology and Evolution, 0, 9, .	2.2	28