David A Hutchins

List of Publications by Year
in descending order

139 papers	12,331 citations	34100 52 h-index	28296 105 g-index
153 all docs	153 docs citations	153 times ranked	10478 citing authors

#	Article	IF	Citations
1	Scientistsâ€™ warning to humanity: microorganisms and climate change. Nature Reviews Microbiology, 2019, 17, 569-586.	28.6	1,138
2	Iron-limited diatom growth and Si:N uptake ratios in a coastal upwelling regime. Nature, 1998, 393, 561-564.	27.8	917
3	Phosphorus limitation of nitrogen fixation by Trichodesmium in the central Atlantic Ocean. Nature, 2001, 411, 66-69.	27.8	588
4	The Effect of Ocean Acidification on Calcifying Organisms in Marine Ecosystems: An Organism-to-Ecosystem Perspective. Annual Review of Ecology, Evolution, and Systematics, 2010, 41, 127-147.	8.3	434
5	Competition among marine phytoplankton for different chelated iron species. Nature, 1999, 400, 858-861.	27.8	429
6	EFFECTS OF INCREASED TEMPERATURE AND CO2ON PHOTOSYNTHESIS, GROWTH, AND ELEMENTAL RATIOS IN MARINESYNECHOCOCCUSANDPROCHLOROCOCCUS(CYANOBACTERIA). Journal of Phycology, 2007, 43, 485-496.	2.3	370
7	Global declines in oceanic nitrification rates as a consequence of ocean acidification. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 208-213.	7.1	316
8	Rising CO2 and increased light exposure synergistically reduce marine primary productivity. Nature Climate Change, 2012, 2, 519-523.	18.8	307
9	Microorganisms and ocean global change. Nature Microbiology, 2017, 2, 17058.	13.3	302
10	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
11	Environmental control of openâ€ocean phytoplankton groups: Now and in the future. Limnology and Oceanography, 2010, 55, 1353-1376.	3.1	266
12	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
13	Interactive effects of increased pCO₂, temperature and irradiance on the marine coccolithophore<i>Emiliania huxleyi</i>(Prymnesiophyceae). European Journal of Phycology, 2008, 43, 87-98.	2.0	248
14	Nutrient Cycles and Marine Microbes in a CO2-Enriched Ocean. Oceanography, 2009, 22, 128-145.	1.0	238
15	Global change and the future of harmful algal blooms in the ocean. Marine Ecology - Progress Series, 2012, 470, 207-233.	1.9	228
16	Responses of marine primary producers to interactions between ocean acidification, solar radiation, and warming. Marine Ecology - Progress Series, 2012, 470, 167-189.	1.9	218
17	Microbial biogeochemistry of coastal upwelling regimes in a changing ocean. Nature Geoscience, 2013, 6, 711-717.	12.9	217
18	Phytoplanktonâ€"bacterial interactions mediate micronutrient colimitation at the coastal Antarctic sea ice edge. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9938-9943.	7.1	202

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19	Viral release of iron and its bioavailability to marine plankton. Limnology and Oceanography, 2004, 49, 1734-1741.	3.1	191
20	A trace metal clean reagent to remove surface-bound iron from marine phytoplankton. Marine Chemistry, 2003, 82, 91-99.	2.3	178
21	Effects of changing <i>p</i>CO₂ and phosphate availability on domoic acid production and physiology of the marine harmful bloom diatom <i>Pseudoâ€nitzschia multiseries</i>. Limnology and Oceanography, 2011, 56, 829-840.	3.1	159
22	Marine phytoplankton and the changing ocean iron cycle. Nature Climate Change, 2016, 6, 1072-1079.	18.8	159
23	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
24	Interactions between changing pCO2, N2 fixation, and Fe limitation in the marine unicellular cyanobacterium Crocosphaera. Limnology and Oceanography, 2008, 53, 2472-2484.	3.1	143
25	Effects of Ocean Acidification on Marine Photosynthetic Organisms Under the Concurrent Influences of Warming, UV Radiation, and Deoxygenation. Frontiers in Marine Science, 2019, 6, .	2.5	136
26	Irreversibly increased nitrogen fixation in Trichodesmium experimentally adapted to elevated carbon dioxide. Nature Communications, 2015, 6, 8155.	12.8	131
27	Improved quantitative realâ€time PCR assays for enumeration of harmful algal species in field samples using an exogenous DNA reference standard. Limnology and Oceanography: Methods, 2005, 3, 381-391.	2.0	130
28	Climate change microbiology â€” problems and perspectives. Nature Reviews Microbiology, 2019, 17, 391-396.	28.6	130
29	Taxon-specific response of marine nitrogen fixers to elevated carbon dioxide concentrations. Nature Geoscience, 2013, 6, 790-795.	12.9	126
30	Biosynthesis of the neurotoxin domoic acid in a bloom-forming diatom. Science, 2018, 361, 1356-1358.	12.6	124
31	High CO2 and Silicate Limitation Synergistically Increase the Toxicity of Pseudo-nitzschia fraudulenta. PLoS ONE, 2012, 7, e32116.	2.5	120
32	Iron and regenerated production: Evidence for biological iron recycling in two marine environments. Limnology and Oceanography, 1993, 38, 1242-1255.	3.1	119
33	A comparison of future increased CO2 and temperature effects on sympatric Heterosigma akashiwo and Prorocentrum minimum. Harmful Algae, 2008, 7, 76-90.	4.8	116
34	The effects of changing climate on microzooplankton grazing and community structure: drivers, predictions and knowledge gaps. Journal of Plankton Research, 2013, 35, 235-252.	1.8	116
35	Bottom-up controls on a mixed-species HAB assemblage: A comparison of sympatric Chattonella subsalsa and Heterosigma akashiwo (Raphidophyceae) isolates from the Delaware Inland Bays, USA. Harmful Algae, 2006, 5, 310-320.	4.8	94
36	Spatial and temporal variability in phytoplankton iron limitation along the California coast and consequences for Si, N, and C biogeochemistry. Global Biogeochemical Cycles, 2003, 17, .	4.9	93

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37	Iron nutrition of Trichodesmium. , 1992, , 289-306.		88
38	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
39	Differing responses of marine N2 fixers to warming and consequences for future diazotroph community structure. Aquatic Microbial Ecology, 2014, 72, 33-46.	1.8	86
40	Differential remineralization of major and trace elements in sinking diatoms. Limnology and Oceanography, 2014, 59, 689-704.	3.1	84
41	The marine nitrogen cycle: new developments and global change. Nature Reviews Microbiology, 2022, 20, 401-414.	28.6	84
42	PHOSPHATE UPTAKE AND GROWTH KINETICS OFTRICHODESMIUM(CYANOBACTERIA) ISOLATES FROM THE NORTH ATLANTIC OCEAN AND THE GREAT BARRIER REEF, AUSTRALIA. Journal of Phycology, 2005, 41, 62-73.	2.3	82
43	Understanding the blob bloom: Warming increases toxicity and abundance of the harmful bloom diatom Pseudo-nitzschia in California coastal waters. Harmful Algae, 2017, 67, 36-43.	4.8	80
44	Mechanisms of increased Trichodesmium fitness under iron and phosphorus co-limitation in the present and future ocean. Nature Communications, 2016, 7, 12081.	12.8	74
45	Ocean warming alleviates iron limitation of marine nitrogen fixation. Nature Climate Change, 2018, 8, 709-712.	18.8	68
46	The <i>Trichodesmium</i> consortium: conserved heterotrophic co-occurrence and genomic signatures of potential interactions. ISME Journal, 2017, 11, 1813-1824.	9.8	66
47	The biological and biogeochemical consequences of phosphate scavenging onto phytoplankton cell surfaces. Limnology and Oceanography, 2005, 50, 1459-1472.	3.1	65
48	CO2 and vitamin B12 interactions determine bioactive trace metal requirements of a subarctic Pacific diatom. ISME Journal, 2011, 5, 1388-1396.	9.8	65
49	High CO2 promotes the production of paralytic shellfish poisoning toxins by Alexandrium catenella from Southern California waters. Harmful Algae, 2013, 30, 37-43.	4.8	65
50	Iron deficiency increases growth and nitrogen-fixation rates of phosphorus-deficient marine cyanobacteria. ISME Journal, 2015, 9, 238-245.	9.8	64
51	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
52	Microbial control of diatom bloom dynamics in the open ocean. Geophysical Research Letters, 2012, 39, .	4.0	61
53	Comparative responses of two dominant Antarctic phytoplankton taxa to interactions between ocean acidification, warming, irradiance, and iron availability. Limnology and Oceanography, 2014, 59, 1919-1931.	3.1	61
54	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

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55	SHORT- VERSUS LONG-TERM RESPONSES TO CHANGING CO₂IN A COASTAL DINOFLAGELLATE BLOOM: IMPLICATIONS FOR INTERSPECIFIC COMPETITIVE INTERACTIONS AND COMMUNITY STRUCTURE. Evolution; International Journal of Organic Evolution, 2013, 67, 1879-1891.	2.3	51
56	Physiological responses of coastal and oceanic diatoms to diurnal fluctuations in seawater carbonate chemistry under two CO₂ concentrations. Biogeosciences, 2016, 13, 6247-6259.	3.3	50
57	Transport of the Harmful Bloom Alga Aureococcus anophagefferens by Oceangoing Ships and Coastal Boats. Applied and Environmental Microbiology, 2004, 70, 6495-6500.	3.1	49
58	<i>Trichodesmium</i> genome maintains abundant, widespread noncoding DNA in situ, despite oligotrophic lifestyle. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4251-4256.	7.1	45
59	A comparative study of iron and temperature interactive effects on diatoms and Phaeocystis antarctica from the Ross Sea, Antarctica. Marine Ecology - Progress Series, 2016, 550, 39-51.	1.9	43
60	Simultaneous enumeration of multiple raphidophyte species by quantitative real-time PCR: capabilities and limitations. Limnology and Oceanography: Methods, 2006, 4, 193-204.	2.0	41
61	Molecular and physiological evidence of genetic assimilation to high CO ₂ in the marine nitrogen fixer <i>Trichodesmium</i>. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7367-E7374.	7.1	41
62	Spatial and temporal variations in variable fluoresence in the Ross Sea (Antarctica): Oceanographic correlates and bloom dynamics. Deep-Sea Research Part I: Oceanographic Research Papers, 2013, 79, 141-155.	1.4	40
63	The acclimation process of phytoplankton biomass, carbon fixation and respiration to the combined effects of elevated temperature and pCO2 in the northern South China Sea. Marine Pollution Bulletin, 2017, 118, 213-220.	5.0	40
64	Adaptive evolution in the coccolithophore <i>Gephyrocapsa oceanica</i> following 1,000 generations of selection under elevated <scp>CO</scp>₂. Global Change Biology, 2018, 24, 3055-3064.	9.5	40
65	Forecasting the rain ratio. Nature, 2011, 476, 41-42.	27.8	37
66	Why are biotic iron pools uniform across highâ€•and lowâ€•iron pelagic ecosystems?. Global Biogeochemical Cycles, 2015, 29, 1028-1043.	4.9	37
67	Correcting a major error in assessing organic carbon pollution in natural waters. Science Advances, 2021, 7, .	10.3	37
68	Pelagic iron cycling during the subtropical spring bloom, east of New Zealand. Marine Chemistry, 2014, 160, 18-33.	2.3	35
69	Ocean acidification impacts bacteriaâ€“phytoplankton coupling at low-nutrient conditions. Biogeosciences, 2017, 14, 1-15.	3.3	35
70	Assessment of Microzooplankton Grazing on Heterosigma akashiwo Using a Species- Specific Approach Combining Quantitative Real-Time PCR (QPCR) and Dilution Methods. Microbial Ecology, 2008, 55, 583-594.	2.8	34
71	Enhanced Ammonia Oxidation Caused by Lateral Kuroshio Intrusion in the Boundary Zone of the Northern South China Sea. Geophysical Research Letters, 2018, 45, 6585-6593.	4.0	33
72	INTERACTIVE EFFECTS OF IRRADIANCE AND CO₂ ON CO₂ FIXATION AND N₂ FIXATION IN THE DIAZOTROPH <i>TRICHODESMIUM ERYTHRAEUM</i> (CYANOBACTERIA)¹. Journal of Phycology, 2011, 47, 1292-1303.	2.3	32

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73	A shipboard natural community continuous culture system for ecologically relevant lowâ€level nutrient enrichment experiments. Limnology and Oceanography: Methods, 2003, 1, 82-91.	2.0	30
74	Transient exposure to novel high temperatures reshapes coastal phytoplankton communities. ISME Journal, 2020, 14, 413-424.	9.8	29
75	Carbon assimilation and losses during an ocean acidification mesocosm experiment, with special reference to algal blooms. Marine Environmental Research, 2017, 129, 229-235.	2.5	28
76	Individual and interactive effects of warming and CO₂ on <i>Pseudo-nitzschia subcurvata</i> and <i>Phaeocystis antarctica</i>, two dominant phytoplankton from the Ross Sea, Antarctica. Biogeosciences, 2017, 14, 5281-5295.	3.3	28
77	Nutrient-Colimited Trichodesmium as a Nitrogen Source or Sink in a Future Ocean. Applied and Environmental Microbiology, 2018, 84, .	3.1	28
78	Marine <i>Synechococcus</i> isolates representing globally abundant genomic lineages demonstrate a unique evolutionary path of genome reduction without a decrease in GC content. Environmental Microbiology, 2019, 21, 1677-1686.	3.8	28
79	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
80	Combined effects of CO₂ and light on large and small isolates of the unicellular N₂-fixing cyanobacterium <i>Crocosphaera watsonii</i> from the western tropical Atlantic Ocean. European Journal of Phycology, 2013, 48, 128-139.	2.0	27
81	Interactive effects of temperature, CO2 and nitrogen source on a coastal California diatom assemblage. Journal of Plankton Research, 2018, 40, 151-164.	1.8	26
82	Outer Membrane Iron Uptake Pathways in the Model Cyanobacterium Synechocystis sp. Strain PCC 6803. Applied and Environmental Microbiology, 2018, 84, .	3.1	26
83	Ocean acidification increases iodine accumulation in kelpâ€based coastal food webs. Global Change Biology, 2019, 25, 629-639.	9.5	26
84	Co-occurrence of Fe and P stress in natural populations of the marine diazotroph <i>Trichodesmium</i>. Biogeosciences, 2020, 17, 2537-2551.	3.3	26
85	Colimitation of the unicellular photosynthetic diazotroph <i>Crocosphaera watsonii</i> by phosphorus, light, and carbon dioxide. Limnology and Oceanography, 2013, 58, 1501-1512.	3.1	24
86	The Impacts of Ocean Acidification on Marine Food Quality and Its Potential Food Chain Consequences. Frontiers in Marine Science, 2020, 7, .	2.5	24
87	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
88	Responses of the large centric diatom <i>Coscinodiscus</i> sp. to interactions between warming, elevated CO₂, and nitrate availability. Limnology and Oceanography, 2018, 63, 1407-1424.	3.1	20
89	Physiological and biochemical responses of <i>Emiliania huxleyi</i> to ocean acidification and warming are modulated by UV radiation. Biogeosciences, 2019, 16, 561-572.	3.3	19
90	Transcriptional Activities of the Microbial Consortium Living with the Marine Nitrogen-Fixing Cyanobacterium Trichodesmium Reveal Potential Roles in Community-Level Nitrogen Cycling. Applied and Environmental Microbiology, 2018, 84, .	3.1	18

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91	Distinct Responses of the Nitrogen-Fixing Marine Cyanobacterium Trichodesmium to a Thermally Variable Environment as a Function of Phosphorus Availability. Frontiers in Microbiology, 2019, 10, 1282.	3.5	18
92	Substrate regulation leads to differential responses of microbial ammonia-oxidizing communities to ocean warming. Nature Communications, 2020, 11, 3511.	12.8	18
93	A global compilation of coccolithophore calcification rates. Earth System Science Data, 2018, 10, 1859-1876.	9.9	18
94	Effects of varying growth irradiance and nitrogen sources on calcification and physiological performance of the coccolithophore<i>Gephyrocapsa oceanica</i>grown under nitrogen limitation. Limnology and Oceanography, 2016, 61, 2234-2242.	3.1	17
95	Effects of elevated CO2 on phytoplankton during a mesocosm experiment in the southern eutrophicated coastal water of China. Scientific Reports, 2017, 7, 6868.	3.3	17
96	Molecular underpinnings and biogeochemical consequences of enhanced diatom growth in a warming Southern Ocean. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
97	Physiological and biochemical responses of diatoms to projected ocean changes. Marine Ecology - Progress Series, 2014, 515, 73-81.	1.9	16
98	Enhancement of diatom growth and phytoplankton productivity with reduced O2 availability is moderated by rising CO2. Communications Biology, 2022, 5, 54.	4.4	16
99	Long-Term m5C Methylome Dynamics Parallel Phenotypic Adaptation in the Cyanobacterium<i>Trichodesmium</i>. Molecular Biology and Evolution, 2021, 38, 927-939.	8.9	15
100	Independent iron and light limitation in a low-light-adapted <i>Prochlorococcus</i> from the deep chlorophyll maximum. ISME Journal, 2021, 15, 359-362.	9.8	14
101	Phytoplanktonâ€Nitrifier Interactions Control the Geographic Distribution of Nitrite in the Upper Ocean. Global Biogeochemical Cycles, 2021, 35, e2021GB007072.	4.9	14
102	The interactive effects of temperature and nutrients on a spring phytoplankton community. Limnology and Oceanography, 2022, 67, 634-645.	3.1	14
103	Linking the Oceanic Biogeochemistry of Iron and Phosphorus with the Marine Nitrogen Cycle. , 2008, , 1627-1666.		13
104	Biogeographic conservation of the cytosine epigenome in the globally important marine, nitrogenâ€fixing cyanobacterium Trichodesmium. Environmental Microbiology, 2017, 19, 4700-4713.	3.8	13
105	Interactions between ultraviolet radiation exposure and phosphorus limitation in the marine nitrogenâ€fixing cyanobacteria Trichodesmium and Crocosphaera. Limnology and Oceanography, 2020, 65, 363-376.	3.1	13
106	Acclimation and adaptation to elevated <i>p</i>CO2 increase arsenic resilience in marine diatoms. ISME Journal, 2021, 15, 1599-1613.	9.8	13
107	Warming Iron-Limited Oceans Enhance Nitrogen Fixation and Drive Biogeographic Specialization of the Globally Important Cyanobacterium Crocosphaera. Frontiers in Marine Science, 2021, 8, .	2.5	13
108	Regression modeling of the North East Atlantic Spring Bloom suggests previously unrecognized biological roles for V and Mo. Frontiers in Microbiology, 2013, 4, 45.	3.5	12

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109	Comment on â€œThe complex effects of ocean acidification on the prominent N ₂ -fixing cyanobacterium <i>Trichodesmium</i> â€. Science, 2017, 357, .	12.6	12
110	Combined effects of CO2 level, light intensity, and nutrient availability on the coccolithophore Emiliania huxleyi. Hydrobiologia, 2019, 842, 127-141.	2.0	12
111	Impact of temperature, CO2, and iron on nutrient uptake by a late-season microbial community from the Ross Sea, Antarctica. Aquatic Microbial Ecology, 2018, 82, 145-159.	1.8	12
112	DESCRIPTION OF <i>VIRIDILOBUS MARINUS</i> (GEN. ET SP. NOV.), A NEW RAPHIDOPHYTE FROM DELAWARE'S INLAND BAYS. Journal of Phycology, 2012, 48, 1220-1231.	2.3	11
113	Electron transport kinetics in the diazotrophic cyanobacterium Trichodesmium spp. grown across a range of light levels. Photosynthesis Research, 2015, 124, 45-56.	2.9	10
114	Functional Genomics and Phylogenetic Evidence Suggest Genus-Wide Cobalamin Production by the Globally Distributed Marine Nitrogen Fixer Trichodesmium. Frontiers in Microbiology, 2018, 9, 189.	3.5	10
115	How will the key marine calcifier <i>Emiliania huxleyi</i> respond to a warmer and more thermally variable ocean?. Biogeosciences, 2019, 16, 4393-4409.	3.3	10
116	Effects of ultraviolet radiation on photosynthetic performance and N₂ fixation in <i>Trichodesmium erythraeum</i> IMS 101. Biogeosciences, 2017, 14, 4455-4466.	3.3	9
117	Interactive network configuration maintains bacterioplankton community structure under elevated CO₂ in a eutrophic coastal mesocosm experiment. Biogeosciences, 2018, 15, 551-565.	3.3	9
118	Mechanisms and heterogeneity of in situ mineral processing by the marine nitrogen fixer <i>Trichodesmium</i> revealed by single-colony metaproteomics. ISME Communications, 2021, 1, .	4.2	9
119	Light-Limited Growth Rate Modulates Nitrate Inhibition of Dinitrogen Fixation in the Marine Unicellular Cyanobacterium Crocosphaera watsonii. PLoS ONE, 2014, 9, e114465.	2.5	8
120	The Combined Effects of Increased pCO2 and Warming on a Coastal Phytoplankton Assemblage: From Species Composition to Sinking Rate. Frontiers in Marine Science, 2021, 8, .	2.5	8
121	Two coâ€dominant nitrogenâ€fixing cyanobacteria demonstrate distinct acclimation and adaptation responses to cope with ocean warming. Environmental Microbiology Reports, 2022, 14, 203-217.	2.4	8
122	Light availability modulates the effects of warming in a marine N₂ fixer. Biogeosciences, 2020, 17, 1169-1180.	3.3	7
123	Why Environmental Biomarkers Work: Transcriptomeâ€“Proteome Correlations and Modeling of Multistressor Experiments in the Marine Bacterium <i>Trichodesmium</i>. Journal of Proteome Research, 2022, 21, 77-89.	3.7	7
124	Cysteine-Free Intramolecular Ligation of N-Sulfanylethylanilide Peptide Using 4-Mercaptobenzylphosphonic Acid: Synthesis of Cyclic Peptide Trichamide. Synlett, 2017, 28, 1944-1949.	1.8	6
125	Irradiance modulates thermal niche in a previously undescribed lowâ€light and coldâ€adapted nanoâ€diatom. Limnology and Oceanography, 2021, 66, 2266-2277.	3.1	6
126	Coccolith arrangement follows Eulerian mathematics in the coccolithophore<i>Emiliania huxleyi</i>. PeerJ, 2018, 6, e4608.	2.0	6

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127	Stoichiometric N:P Ratios, Temperature, and Iron Impact Carbon and Nitrogen Uptake by Ross Sea Microbial Communities. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 2955-2975.	3.0	5
128	Interactions Between Ultraviolet B Radiation, Warming, and Changing Nitrogen Source May Reduce the Accumulation of Toxic Pseudo-nitzschia multiseries Biomass in Future Coastal Oceans. Frontiers in Marine Science, 2021, 8, .	2.5	5
129	The Enzymology of Ocean Global Change. Annual Review of Marine Science, 2022, 14, 187-211.	11.6	4
130	Interactive effects of elevated temperature and CO2 on nitrate, urea, and dissolved inorganic carbon uptake by a coastal California, USA, microbial community. Marine Ecology - Progress Series, 2017, 577, 49-65.	1.9	4
131	Impacts of Climate Change on Marine Organisms. , 2013, , 35-63.		4
132	Nitrogen-limitation exacerbates the impact of ultraviolet radiation on the coccolithophore Gephyrocapsa oceanica. Journal of Photochemistry and Photobiology B: Biology, 2022, 226, 112368.	3.8	4
133	Genome Sequence of <i>Synechococcus</i> sp. Strain LA31, Isolated from a Temperate Estuary. Microbiology Resource Announcements, 2022, 11, e0077521.	0.6	3
134	Temperature variability interacts with mean temperature to influence the predictability of microbial phenotypes. Global Change Biology, 2022, 28, 5741-5754.	9.5	3
135	Alphaproteobacteria facilitate <i>Trichodesmium</i> community trimethylamine utilization. Environmental Microbiology, 2021, 23, 6798-6810.	3.8	2
136	Sinking diatoms trap silicon in deep seawater of acidified oceans. Nature, 2022, 605, 622-623.	27.8	1
137	Plastic plankton prosper. Nature Climate Change, 2013, 3, 183-184.	18.8	0
138	Adapt to warming and catch your breath. Nature Microbiology, 2018, 3, 973-974.	13.3	0
139	Measurements of Calcification and Silicification. , 2021, , 269-276.		0