Daniel Vaulot

List of Publications by Year
in descending order

165 papers	20,939 citations	10389 72 h-index	10734 138 g-index
210 all docs	210 docs citations	210 times ranked	12208 citing authors

#	Article	IF	Citations
1	pr2â€primers: An 18S rRNA primer database for protists. Molecular Ecology Resources, 2022, 22, 168-179.	4.8	39
2	Phytoplankton diversity and ecology through the lens of high throughput sequencing technologies. , 2022, , 353-413.		8
3	<scp>metaPR²</scp>: A database of eukaryotic <scp>18S rRNA</scp> metabarcodes with an emphasis on protists. Molecular Ecology Resources, 2022, 22, 3188-3201.	4.8	24
4	No evidence of Phagoâ€mixotropy in Micromonaspolaris (Mamiellophyceae), the Dominant Picophytoplankton Species in the Arctic. Journal of Phycology, 2021, 57, 435-446.	2.3	11
5	The MALINA oceanographic expedition: how do changes in ice cover, permafrost and UV radiation impact biodiversity and biogeochemical fluxes in the Arctic Ocean?. Earth System Science Data, 2021, 13, 1561-1592.	9.9	11
6	Hemiselmis aquamarina sp. nov. (Cryptomonadales, Cryptophyceae), A Cryptophyte with A Novel Phycobiliprotein Type (Cr-PC 564). Protist, 2021, 172, 125832.	1.5	4
7	Annual phytoplankton dynamics in coastal waters from Fildes Bay, Western Antarctic Peninsula. Scientific Reports, 2021, 11, 1368.	3.3	17
8	An 18S V4 rRNA metabarcoding dataset of protist diversity in the Atlantic inflow to the Arctic Ocean, through the year and down to 1000â€‰m depth. Earth System Science Data, 2021, 13, 4913-4928.	9.9	14
9	Mantoniella beaufortii and Mantoniella baffinensis sp. nov. (Mamiellales,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 42 Phycology, 2020, 56, 37-51.	2.3	14
10	Taxonomic reassignment of Pseudohaptolina birgeri comb. nov. (Haptophyta). Phycologia, 2020, 59, 606-615.	1.4	3
11	Contrasting pelagic ecosystem functioning in eastern and western Baffin Bay revealed by trophic network modeling. Elementa, 2020, 8, .	3.2	15
12	Culturable diversity of Arctic phytoplankton during pack ice melting. Elementa, 2020, 8, .	3.2	13
13	Green Edge ice camp campaigns: understanding the processes controlling the under-ice Arctic phytoplankton spring bloom. Earth System Science Data, 2020, 12, 151-176.	9.9	32
14	Temporal and spatial dynamics of Bacteria, Archaea and protists in equatorial coastal waters. Scientific Reports, 2019, 9, 16390.	3.3	30
15	Novel diversity within marine Mamiellophyceae (Chlorophyta) unveiled by metabarcoding. Scientific Reports, 2019, 9, 5190.	3.3	46
16	High contribution of Rhizaria (Radiolaria) to vertical export in the California Current Ecosystem revealed by DNA metabarcoding. ISME Journal, 2019, 13, 964-976.	9.8	41
17	Rhythmicity of coastal marine picoeukaryotes, bacteria and archaea despite irregular environmental perturbations. ISME Journal, 2019, 13, 388-401.	9.8	105
18	<scp>dinoref</scp>: A curated dinoflagellate (Dinophyceae) reference database for the 18S rRNA gene. Molecular Ecology Resources, 2018, 18, 974-987.	4.8	40

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19	Small eukaryotic phytoplankton communities in tropical waters off Brazil are dominated by symbioses between Haptophyta and nitrogen-fixing cyanobacteria. ISME Journal, 2018, 12, 1360-1374.	9.8	26
20	Comparison of coastal phytoplankton composition estimated from the V4 and V9 regions of the 18S rRNA gene with a focus on photosynthetic groups and especially Chlorophyta. Environmental Microbiology, 2018, 20, 506-520.	3.8	101
21	Green microalgae in marine coastal waters: The Ocean Sampling Day (OSD) dataset. Scientific Reports, 2018, 8, 14020.	3.3	75
22	Bolidophyceae, a Sister Picoplanktonic Group of Diatoms â€“ A Review. Frontiers in Marine Science, 2018, 5, .	2.5	28
23	Molecular analyses of protists in long-term observation programmesâ€”current status and future perspectives. Journal of Plankton Research, 2018, 40, 519-536.	1.8	47
24	A novel species of the marine cyanobacterium Acaryochloris with a unique pigment content and lifestyle. Scientific Reports, 2018, 8, 9142.	3.3	28
25	Short timescale dynamics of phytoplankton in Fildes Bay, Antarctica. Antarctic Science, 2017, 29, 217-228.	0.9	10
26	Chloropicophyceae, a new class of picophytoplanktonic prasinophytes. Scientific Reports, 2017, 7, 14019.	3.3	40
27	Revision of the Genus Micromonas Manton et Parke (Chlorophyta, Mamiellophyceae), of the Type Species M. pusilla (Butcher) Manton & Parke and of the Species M. commoda van Baren, Bachy and Worden and Description of Two New Species Based on the Genetic and Phenotypic Characterization of Cultured Isolates. Protist, 2017, 168, 612-635.	1.5	62
28	Morphological and genetic diversity of Beaufort Sea diatoms with high contributions from the Chaetoceros neogracilis species complex. Journal of Phycology, 2017, 53, 161-187.	2.3	68
29	Diversity and oceanic distribution of prasinophytes clade VII, the dominant group of green algae in oceanic waters. ISME Journal, 2017, 11, 512-528.	9.8	70
30	Improvement of phytoplankton culture isolation using single cell sorting by flow cytometry. Journal of Phycology, 2017, 53, 271-282.	2.3	20
31	Pseudoâ€nitzschia arctica sp. nov., a new coldâ€water cryptic Pseudoâ€nitzschia species within the P.Âpseudodelicatissima complex. Journal of Phycology, 2016, 52, 184-199.	2.3	39
32	Survey of the green picoalga Bathycoccus genomes in the global ocean. Scientific Reports, 2016, 6, 37900.	3.3	54
33	Estimating microbial populations by flow cytometry: Comparison between instruments. Limnology and Oceanography: Methods, 2016, 14, 750-758.	2.0	34
34	Photosynthetic pigments of oceanic Chlorophyta belonging to prasinophytes clade VII. Journal of Phycology, 2016, 52, 148-155.	2.3	19
35	Photosymbiosis in Marine Pelagic Environments. , 2016, , 305-332.		13
36	Benthic protists: the under-charted majority. FEMS Microbiology Ecology, 2016, 92, fiw120.	2.7	94

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37	Diversity and oceanic distribution of the Parmales (Bolidophyceae), a picoplanktonic group closely related to diatoms. ISME Journal, 2016, 10, 2419-2434.	9.8	57
38	Diversity and distribution of haptophytes revealed by environmental sequencing and metabarcoding â€“ a review. Perspectives in Phycology, 2016, 3, 77-91.	1.9	30
39	Diversity and ecology of green microalgae in marine systems: an overview based on 18S rRNA gene sequences. Perspectives in Phycology, 2016, 3, 141-154.	1.9	43
40	Pico and nanoplankton abundance and carbon stocks along the Brazilian Bight. PeerJ, 2016, 4, e2587.	2.0	26
41	Marine protist diversity in <scp>E</scp>uropean coastal waters and sediments as revealed by highâ€throughput sequencing. Environmental Microbiology, 2015, 17, 4035-4049.	3.8	384
42	Phyto<scp>REF</scp>: a reference database of the plastidial 16S <scp>rRNA</scp> gene of photosynthetic eukaryotes with curated taxonomy. Molecular Ecology Resources, 2015, 15, 1435-1445.	4.8	198
43	The ocean sampling day consortium. GigaScience, 2015, 4, 27.	6.4	185
44	The Marine Microbial Eukaryote Transcriptome Sequencing Project (MMETSP): Illuminating the Functional Diversity of Eukaryotic Life in the Oceans through Transcriptome Sequencing. PLoS Biology, 2014, 12, e1001889.	5.6	885
45	John Martin Award â€œAutotrophic Picoplankton in the Tropical Oceanâ€• Limnology and Oceanography Bulletin, 2014, 23, 49-49.	0.4	0
46	Metagenome Sequencing of the Microbial Community of a Solar Saltern Crystallizer Pond at CÃ¡huil Lagoon, Chile. Genome Announcements, 2014, 2, .	0.8	18
47	An improved protocol for flow cytometry analysis of phytoplankton cultures and natural samples. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2014, 85, 962-968.	1.5	72
48	Chimeric viruses blur the borders between the major groups of eukaryotic single-stranded DNA viruses. Nature Communications, 2013, 4, 2700.	12.8	90
49	The Protist Ribosomal Reference database (PR2): a catalog of unicellular eukaryote Small Sub-Unit rRNA sequences with curated taxonomy. Nucleic Acids Research, 2012, 41, D597-D604.	14.5	1,463
50	Composition of the summer photosynthetic pico and nanoplankton communities in the Beaufort Sea assessed by T-RFLP and sequences of the 18S rRNA gene from flow cytometry sorted samples. ISME Journal, 2012, 6, 1480-1498.	9.8	132
51	Unicellular Cyanobacterium Symbiotic with a Single-Celled Eukaryotic Alga. Science, 2012, 337, 1546-1550.	12.6	460
52	Diversity and Ecology of Eukaryotic Marine Phytoplankton. Advances in Botanical Research, 2012, 64, 1-53.	1.1	84
53	Metagenomes of the Picoalga Bathycoccus from the Chile Coastal Upwelling. PLoS ONE, 2012, 7, e39648.	2.5	58
54	Diversity of cultured photosynthetic flagellates in the northeast Pacific and Arctic Oceans in summer. Biogeosciences, 2012, 9, 4553-4571.	3.3	53

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55	Lotharella reticulosa sp. nov.: A Highly Reticulated Network Forming Chlorarachniophyte from the Mediterranean Sea. Protist, 2012, 163, 91-104.	1.5	12
56	Evaluating the Ribosomal Internal Transcribed Spacer (ITS) as a Candidate Dinoflagellate Barcode Marker. PLoS ONE, 2012, 7, e42780.	2.5	92
57	Distribution of eukaryotic plankton in the English Channel and the North Sea in summer. Journal of Sea Research, 2011, 66, 111-122.	1.6	19
58	Plastid 16S rRNA Gene Diversity among Eukaryotic Picophytoplankton Sorted by Flow Cytometry from the South Pacific Ocean. PLoS ONE, 2011, 6, e18979.	2.5	76
59	Whole-genome amplification (WGA) of marine photosynthetic eukaryote populations. FEMS Microbiology Ecology, 2011, 76, 513-523.	2.7	67
60	Prasinoderma singularis sp. nov. (Prasinophyceae, Chlorophyta), a Solitary Coccoid Prasinophyte from the South-East Pacific Ocean. Protist, 2011, 162, 70-84.	1.5	21
61	Structure and seasonal dynamics of the eukaryotic picophytoplankton community in a windâ€driven coastal upwelling ecosystem. Limnology and Oceanography, 2011, 56, 2334-2346.	3.1	72
62	Use of â€ƒflow cytometric sorting to better assess the diversity of small photosynthetic eukaryotes in the English Channel. FEMS Microbiology Ecology, 2010, 72, 165-178.	2.7	89
63	Diversity of active marine picoeukaryotes in the Eastern Mediterranean Sea unveiled using photosystem-II psbA transcripts. ISME Journal, 2010, 4, 1044-1052.	9.8	43
64	Groups without Cultured Representatives Dominate Eukaryotic Picophytoplankton in the Oligotrophic South East Pacific Ocean. PLoS ONE, 2009, 4, e7657.	2.5	145
65	Partenskyella glossopodia gen. et sp. nov., the First Report of a Chlorarachniophyte that Lacks a Pyrenoid. Protist, 2009, 160, 137-150.	1.5	28
66	Photosynthetic picoeukaryote community structure in the South East Pacific Ocean encompassing the most oligotrophic waters on Earth. Environmental Microbiology, 2009, 11, 3105-3117.	3.8	75
67	Global phylogeography of marine Synechococcus and Prochlorococcus reveals a distinct partitioning of lineages among oceanic biomes. Environmental Microbiology, 2008, 10, 147-161.	3.8	398
68	The diversity of small eukaryotic phytoplankton (â‰3 Î¼m) in marine ecosystems. FEMS Microbiology Reviews, 2008, 32, 795-820.	8.6	363
69	Wide genetic diversity of picoplanktonic green algae (Chloroplastida) in the Mediterranean Sea uncovered by a phylumâ€biased PCR approach. Environmental Microbiology, 2008, 10, 1804-1822.	3.8	112
70	Protistan assemblages across the Indian Ocean, with a specific emphasis on the picoeukaryotes. Deep-Sea Research Part I: Oceanographic Research Papers, 2008, 55, 1456-1473.	1.4	134
71	Picoplankton diversity in the South-East Pacific Ocean from cultures. Biogeosciences, 2008, 5, 203-214.	3.3	45
72	Introduction to the special section bio-optical and biogeochemical conditions in the South East Pacific in late 2004: the BIOSOPE program. Biogeosciences, 2008, 5, 679-691.	3.3	96

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73	Distribution of micro-organisms along a transect in the South-East Pacific Ocean (BIOSOPE cruise) using epifluorescence microscopy. Biogeosciences, 2008, 5, 311-321.	3.3	23
74	Picobiliphytes: A Marine Picoplanktonic Algal Group with Unknown Affinities to Other Eukaryotes. Science, 2007, 315, 253-255.	12.6	202
75	Oceanic Protists. Oceanography, 2007, 20, 130-134.	1.0	72
76	Ability of a â€œminimumâ€•microbial food web model to reproduce response patterns observed in mesocosms manipulated with N and P, glucose, and Si. Journal of Marine Systems, 2007, 64, 15-34.	2.1	36
77	Telonemia, a new protist phylum with affinity to chromist lineages. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1833-1842.	2.6	84
78	Analysis of photosynthetic picoeukaryote diversity at open ocean sites in the Arabian Sea using a PCR biased towards marine algal plastids. Aquatic Microbial Ecology, 2006, 43, 79-93.	1.8	94
79	Eukaryotic picoplankton communities of the Mediterranean Sea in summer assessed by molecular approaches (DGGE, TTGE, QPCR). FEMS Microbiology Ecology, 2006, 55, 403-415.	2.7	80
80	Genetic diversity and habitats of two enigmatic marine alveolate lineages. Aquatic Microbial Ecology, 2006, 42, 277-291.	1.8	88
81	Mapping of picoeucaryotes in marine ecosystems with quantitative PCR of the 18S rRNA gene. FEMS Microbiology Ecology, 2005, 52, 79-92.	2.7	540
82	Ecotype diversity in the marine picoeukaryote Ostreococcus (Chlorophyta, Prasinophyceae). Environmental Microbiology, 2005, 7, 853-859.	3.8	185
83	Late summer community composition and abundance of photosynthetic picoeukaryotes in Norwegian and Barents Seas. Limnology and Oceanography, 2005, 50, 1677-1686.	3.1	177
84	Phytoplankton Cell Counting by Flow Cytometry. , 2005, , 253-267.		104
85	Florenciella parvula gen. et sp. nov. (Dictyochophyceae, Heterokontophyta), a small flagellate isolated from the English Channel. Phycologia, 2004, 43, 658-668.	1.4	40
86	A Single Species, Micromonas pusilla (Prasinophyceae), Dominates the Eukaryotic Picoplankton in the Western English Channel. Applied and Environmental Microbiology, 2004, 70, 4064-4072.	3.1	246
87	Composition and temporal variability of picoeukaryote communities at a coastal site of the English Channel from 18S rDNA sequences. Limnology and Oceanography, 2004, 49, 784-798.	3.1	178
88	Diversity of Picoplanktonic Prasinophytes Assessed by Direct Nuclear SSU rDNA Sequencing of Environmental Samples and Novel Isolates Retrieved from Oceanic and Coastal Marine Ecosystems. Protist, 2004, 155, 193-214.	1.5	235
89	Effects of high light on transcripts of stress-associated genes for the cyanobacteria Synechocystis sp. PCC 6803 and Prochlorococcus MED4 and MIT9313. Microbiology (United Kingdom), 2004, 150, 1271-1281.	1.8	37
90	The Roscoff Culture Collection (RCC): a collection dedicated to marine picoplankton. Nova Hedwigia, 2004, 79, 49-70.	0.4	71

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91	Two-component systems inProchlorococcusMED4: Genomic analysis and differential expression under stress. FEMS Microbiology Letters, 2003, 226, 135-144.	1.8	34
92	Quantitative Assessment of Picoeukaryotes in the Natural Environment by Using Taxon-Specific Oligonucleotide Probes in Association with Tyramide Signal Amplification-Fluorescence In Situ Hybridization and Flow Cytometry. Applied and Environmental Microbiology, 2003, 69, 5519-5529.	3.1	113
93	Clade-Specific 16S Ribosomal DNA Oligonucleotides Reveal the Predominance of a Single Marine Synechococcus Clade throughout a Stratified Water Column in the Red Sea. Applied and Environmental Microbiology, 2003, 69, 2430-2443.	3.1	293
94	Short-timescale variability of picophytoplankton abundance and cellular parameters in surface waters of the Alboran Sea (western Mediterranean). Journal of Plankton Research, 2002, 24, 635-651.	1.8	53
95	Kinetics of attachment of potentially toxic bacteria to Alexandrium tamarense. Aquatic Microbial Ecology, 2002, 28, 249-256.	1.8	16
96	Application of fluorescent in situ hybridization coupled with tyramide signal amplification (FISH-TSA) to assess eukaryotic picoplankton composition. Aquatic Microbial Ecology, 2002, 28, 157-166.	1.8	116
97	Are autotrophs less diverse than heterotrophs in marine picoplankton?. Trends in Microbiology, 2002, 10, 266-267.	7.7	52
98	IDENTIFICATION OF BACTERIA ASSOCIATED WITH DINOFLAGELLATES (DINOPHYCEAE)ALEXANDRIUMSPP. USING TYRAMIDE SIGNAL AMPLIFICATIONâ€“FLUORESCENTIN SITUâ€ƒHYBRIDIZATION AND CONFOCAL MICROSCOPY1. Journal of Phycology, 2002, 38, 404-411.	2.3	81
99	Analysis of thehligene family in marine and freshwater cyanobacteria. FEMS Microbiology Letters, 2002, 215, 209-219.	1.8	76
100	Analysis of the hli gene family in marine and freshwater cyanobacteria. FEMS Microbiology Letters, 2002, 215, 209-219.	1.8	2
101	Effects of inorganic and organic nutrient addition on a coastal microbial community (Isefjord,) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.9	48
102	DIEL PATTERNS OF GROWTH AND DIVISION IN MARINE PICOPLANKTON IN CULTURE. Journal of Phycology, 2001, 37, 357.	2.3	109
103	Oceanic 18S rDNA sequences from picoplankton reveal unsuspected eukaryotic diversity. Nature, 2001, 409, 607-610.	27.8	842
104	Cell Cycle Regulation by Light in Prochlorococcus Strains. Applied and Environmental Microbiology, 2001, 67, 782-790.	3.1	73
105	Diel Expression of Cell Cycle-Related Genes in Synchronized Cultures of Prochlorococcus sp. Strain PCC 9511. Journal of Bacteriology, 2001, 183, 915-920.	2.2	56
106	Grazing impact of two small heterotrophic flagellates on Prochlorococcus and Synechococcus. Aquatic Microbial Ecology, 2001, 26, 201-207.	1.8	69
107	Abundance and diversity of prymnesiophytes in the picoplankton coÎ¼munity from the equatorial Pacific Ocean inferred from 18S rDNA sequences. Limnology and Oceanography, 2000, 45, 98-109.	3.1	208
108	Isolation of Regulated Genes of the CyanobacteriumSynechocystis sp. Strain PCC 6803 by Differential Display. Journal of Bacteriology, 2000, 182, 5692-5699.	2.2	43

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109	DNA/RNA Analysis of Phytoplankton by Flow Cytometry. Current Protocols in Cytometry, 2000, 11, Unit 11.12.	3.7	38
110	Prochlorococcus , a Marine Photosynthetic Prokaryote of Global Significance. Microbiology and Molecular Biology Reviews, 1999, 63, 106-127.	6.6	1,218
111	Enumeration of Marine Viruses in Culture and Natural Samples by Flow Cytometry. Applied and Environmental Microbiology, 1999, 65, 45-52.	3.1	578
112	BOLIDOMONAS: A NEW GENUS WITH TWO SPECIES BELONGING TO A NEW ALGAL CLASS, THE BOLIDOPHYCEAE (HETEROKONTA). Journal of Phycology, 1999, 35, 368-381.	2.3	225
113	Symbiomonas scintillans gen. et sp. nov. and Picophagus flagellatus gen. et sp. nov. (Heterokonta): Two New Heterotrophic Flagellates of Picoplanktonic Size. Protist, 1999, 150, 383-398.	1.5	53
114	Enumeration of Phytoplankton, Bacteria, and Viruses in Marine Samples. Current Protocols in Cytometry, 1999, 10, Unit 11.11.	3.7	203
115	Diel variability of photosynthetic picoplankton in the equatorial Pacific. Journal of Geophysical Research, 1999, 104, 3297-3310.	3.3	177
116	Variability in particle attenuation and chlorophyll fluorescence in the tropical Pacific: Scales, patterns, and biogeochemical implications. Journal of Geophysical Research, 1999, 104, 3401-3422.	3.3	125
117	Phycoerythrins in the southern tropical and equatorial Pacific Ocean: Evidence for new cyanobacterial types. Journal of Geophysical Research, 1999, 104, 3311-3321.	3.3	51
118	Prochlorococcusgrowth rates in the central equatorial Pacific: An application of the Æ'maxapproach. Journal of Geophysical Research, 1999, 104, 3391-3399.	3.3	37
119	Growth and grazing on Prochlorococcus and Synechococcus by two marine ciliates. Limnology and Oceanography, 1999, 44, 52-61.	3.1	121
120	Diversity and Abundance of Bolidophyceae (Heterokonta) in Two Oceanic Regions. Applied and Environmental Microbiology, 1999, 65, 4528-4536.	3.1	72
121	Divinyl chlorophyll a-specific absorption coefficients and absorption efficiency factors for Prochlorococcus marinus:kinetics of photoacclimation. Marine Ecology - Progress Series, 1999, 188, 21-32.	1.9	30
122	Picoplankton population dynamics in coastal waters of the northwestern Mediterranean Sea. Limnology and Oceanography, 1998, 43, 1916-1931.	3.1	100
123	Phytoplankton distribution and grazing near coral reefs. Limnology and Oceanography, 1998, 43, 551-563.	3.1	139
124	Application of a compact automatic sea water sampler to high frequency picoplankton studies. Aquatic Microbial Ecology, 1998, 14, 309-314.	1.8	17
125	Annual variability of phytoplankton and bacteria in the subtropical North Pacific Ocean at Station ALOHA during the 1991â€"1994 ENSO event. Deep-Sea Research Part I: Oceanographic Research Papers, 1997, 44, 167-192.	1.4	257
126	THE CHITINOUS NATURE OF FILAMENTS EJECTED BY PHAEOCYSTIS (PRYMNESIOPHYCEAE)1. Journal of Phycology, 1997, 33, 666-672.	2.3	53

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127	Enumeration and Cell Cycle Analysis of Natural Populations of Marine Picoplankton by Flow Cytometry Using the Nucleic Acid Stain SYBR Green I. Applied and Environmental Microbiology, 1997, 63, 186-193.	3.1	937
128	High degree of genetic variation inProchlorococcus(Prochlorophyta) revealed by RFLP analysis. European Journal of Phycology, 1996, 31, 1-9.	2.0	55
129	Coexistence of phycoerythrin and a chlorophyll a/b antenna in a marine prokaryote.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 11126-11130.	7.1	159
130	Genetic characterisation of Emiliania huxleyi (Haptophyta). Journal of Marine Systems, 1996, 9, 13-31.	2.1	128
131	Simultaneous estimates ofsynechococcus spp. Growth and grazing mortality rates in the English Channel. Chinese Journal of Oceanology and Limnology, 1996, 14, 8-16.	0.7	1
132	PLOIDY ANALYSIS OF THE TWO MOTILE FORMS OF CHRYSOCHROMULINA POLYLEPIS (PRYMNESIOPHYCEAE)1. Journal of Phycology, 1996, 32, 94-102.	2.3	39
133	IDENTIFICATION OF THE CLASS PRYMNESIOPHYCEAE AND THE GENUS PHAEOCYSTIS WITH RIBOSOMAL RNA-TARGETED NUCLEIC ACID PROBES DETECTED BY FLOW CYTOMETRY1. Journal of Phycology, 1996, 32, 858-868.	2.3	82
134	Application of the novel nucleic acid dyes YOYO-1, YO-PRO-1, and PicoGreen for flow cytometric analysis of marine prokaryotes. Applied and Environmental Microbiology, 1996, 62, 1649-1655.	3.1	160
135	Effect of Phosphorus on the Synechococcus Cell Cycle in Surface Mediterranean Waters during Summer. Applied and Environmental Microbiology, 1996, 62, 2527-2533.	3.1	130
136	Effect of phosphorus starvation on the cell cycle of the photosynthetic prokaryote Prochlorococcus spp.. Marine Ecology - Progress Series, 1996, 132, 265-274.	1.9	51
137	Characterization of the single psbA gene of Prochlorococcus marinus CCMP 1375 (Prochlorophyta). Plant Molecular Biology, 1995, 27, 1189-1196.	3.9	43
138	Growth of Prochlorococcus, a Photosynthetic Prokaryote, in the Equatorial Pacific Ocean. Science, 1995, 268, 1480-1482.	12.6	340
139	Cellular effects of olomoucine, an inhibitor of cyclin-dependent kinases. Biology of the Cell, 1995, 83, 105-120.	2.0	131
140	The Cell Cycle of Phytoplankton: Coupling Cell Growth to Population Growth. , 1995, , 303-322.		23
141	Fluorescent in situ hybridization with rRNA-targeted oligonucleotide probes to identify small phytoplankton by flow cytometry. Applied and Environmental Microbiology, 1995, 61, 2506-2513.	3.1	129
142	The importance of Prochlorococcus to community structure in the central North Pacific Ocean. Limnology and Oceanography, 1994, 39, 954-961.	3.1	428
143	The initiation of Phaeocystis colonies. Journal of Plankton Research, 1994, 16, 457-470.	1.8	38
144	CHARACTERIZATION OF OCEANIC PHOTOSYNTHETIC PICOEUKARYOTES BY FLOW CYTOMETRY1. Journal of Phycology, 1994, 30, 922-935.	2.3	103

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145	MORPHOLOGY, PLOIDY, PIGMENT COMPOSITION, AND GENOME SIZE OF CULTURED STRAINS OF PHAEOCYSTIS (PRYMNESIOPHYCEAE)1. Journal of Phycology, 1994, 30, 1022-1035.	2.3	133
146	The life cycle of Phaeocystis (Prymnesiophycaea): evidence and hypotheses. Journal of Marine Systems, 1994, 5, 23-39.	2.1	164
147	Photosynthetic picoplankton community structure in the subtropical North Pacific Ocean near Hawaii (station ALOHA). Deep-Sea Research Part I: Oceanographic Research Papers, 1993, 40, 2043-2060.	1.4	333
148	Photoacclimation of Prochlorococcus sp. (Prochlorophyta) Strains Isolated from the North Atlantic and the Mediterranean Sea. Plant Physiology, 1993, 101, 285-296.	4.8	182
149	<I>Prochlorococcus</I> and <I>Synechococcus</I>: A comparative study of their optical properties in relation to their size and pigmentation. Journal of Marine Research, 1993, 51, 617-649.	0.3	276
150	Flow cytometry in oceanography: Recent developments. Biology of the Cell, 1992, 76, 272-272.	2.0	0
151	Cell cycle distributions of prochlorophytes in the north western Mediterranean Sea. Deep-sea Research Part A, Oceanographic Research Papers, 1992, 39, 727-742.	1.5	71
152	GROWTH AND CELL CYCLE OF TWO CLOSELY RELATED RED TIDE-FORMING DINOFLAGELLATES: GYMNODINIUM NAGASAKIENSE AND G. CF. NAGASAKIENSE1. Journal of Phycology, 1991, 27, 733-742.	2.3	14
153	Winter presence of prochlorophytes in surface waters of the northwestern Mediterranean Sea. Limnology and Oceanography, 1990, 35, 1156-1164.	3.1	165
154	CELL SIZE DIFFERENTIATION IN THE BLOOM-FORMING DINOFLAGELLATE GYMNODINIUM CF. NAGASAKIENSE1. Journal of Phycology, 1989, 25, 741-750.	2.3	26
155	A simple method to preserve oceanic phytoplankton for flow cytometric analyses. Cytometry, 1989, 10, 629-635.	1.8	247
156	MORPHOLOGICAL AND NUCLEAR ANALYSIS OF THE BLOOM-FORMING DINOFLAGELLATES GYRODINIUM CF. AUREOLUM AND GYMNODINIUM NAGASAKIENSE. Journal of Phycology, 1988, 24, 408-415.	2.3	49
157	Abundance and cellular characteristics of marine Synechococcus spp. in the dilution zone of the Changjiang (Yangtze River, China). Continental Shelf Research, 1988, 8, 1171-1186.	1.8	31
158	MORPHOLOGICAL AND NUCLEAR ANALYSIS OF THE BLOOM-FORMING DINOFLAGELLATES GYHODIMVM CF. AUHEOLUM AND GYMXODIMUM NAGASAKIENSE. Journal of Phycology, 1988, 24, 408-415.	2.3	6
159	A simple model of the growth of phytoplankton populations in light/dark cycles. Journal of Plankton Research, 1987, 9, 345-366.	1.8	39
160	Cell-cycle response to nutrient starvation in two phytoplankton species, Thalassiosira weissflogii and Hymenomonas carterae. Marine Biology, 1987, 95, 625-630.	1.5	99
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#	Article	IF	Citations
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