

Uwe John

List of Publications by Year in descending order

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129
papers

8,365
citations

47006

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137
docs citations

137
times ranked

7601
citing authors

#	ARTICLE	IF	CITATIONS
1	The Marine Microbial Eukaryote Transcriptome Sequencing Project (MMETSP): Illuminating the Functional Diversity of Eukaryotic Life in the Oceans through Transcriptome Sequencing. <i>PLoS Biology</i> , 2014, 12, e1001889.	5.6	885
2	Green Evolution and Dynamic Adaptations Revealed by Genomes of the Marine Picoeukaryotes <i>Micromonas</i> . <i>Science</i> , 2009, 324, 268-272.	12.6	591
3	Pan genome of the phytoplankton <i>Emiliania</i> underpins its global distribution. <i>Nature</i> , 2013, 499, 209-213.	27.8	448
4	Updating benchtop sequencing performance comparison. <i>Nature Biotechnology</i> , 2013, 31, 294-296.	17.5	423
5	Formal Revision of the <i>Alexandrium tamarense</i> Species Complex (Dinophyceae) Taxonomy: The Introduction of Five Species with Emphasis on Molecular-based (rDNA) Classification. <i>Protist</i> , 2014, 165, 779-804.	1.5	283
6	<i>Azadinium spinosum</i> gen. et sp. nov. (Dinophyceae) identified as a primary producer of azaspiracid toxins. <i>European Journal of Phycology</i> , 2009, 44, 63-79.	2.0	250
7	Toxic effects of <i>Alexandrium</i> spp. on heterotrophic dinoflagellates: an allelochemical defence mechanism independent of PSP-toxin content. <i>Marine Ecology - Progress Series</i> , 2002, 230, 47-58.	1.9	195
8	The Application of a Molecular Clock Based on Molecular Sequences and the Fossil Record to Explain Biogeographic Distributions Within the <i>Alexandrium tamarense</i> "Species Complex" (Dinophyceae). <i>Molecular Biology and Evolution</i> , 2003, 20, 1015-1027.	8.9	179
9	The Smallest Known Genomes of Multicellular and Toxic Cyanobacteria: Comparison, Minimal Gene Sets for Linked Traits and the Evolutionary Implications. <i>PLoS ONE</i> , 2010, 5, e9235.	2.5	168
10	Phylogeny-wide analysis of social amoeba genomes highlights ancient origins for complex intercellular communication. <i>Genome Research</i> , 2011, 21, 1882-1891.	5.5	145
11	Characterization of azaspiracids in plankton size-fractions and isolation of an azaspiracid-producing dinoflagellate from the North Sea. <i>Harmful Algae</i> , 2009, 8, 254-263.	4.8	127
12	Harmful algal blooms and their effects in coastal seas of Northern Europe. <i>Harmful Algae</i> , 2021, 102, 101989.	4.8	127
13	Discrimination of the toxigenic dinoflagellates <i>Alexandrium tamarense</i> and <i>A. ostenfeldii</i> in co-occurring natural populations from Scottish coastal waters. <i>European Journal of Phycology</i> , 2003, 38, 25-40.	2.0	121
14	Allelochemical interactions and short-term effects of the dinoflagellate <i>Alexandrium</i> on selected photoautotrophic and heterotrophic protists. <i>Harmful Algae</i> , 2008, 7, 52-64.	4.8	119
15	Mixotrophic protists and a new paradigm for marine ecology: where does plankton research go now?. <i>Journal of Plankton Research</i> , 2019, 41, 375-391.	1.8	119
16	On the allelochemical potency of the marine dinoflagellate <i>Alexandrium ostenfeldii</i> against heterotrophic and autotrophic protists. <i>Journal of Plankton Research</i> , 2007, 29, 527-543.	1.8	118
17	PHENOTYPIC VARIATION AND GENOTYPIC DIVERSITY IN A PLANKTONIC POPULATION OF THE TOXIGENIC MARINE DINOFLAGELLATE <i>ALEXANDRIUM TAMARENSE</i> (DINOPHYCEAE)1. <i>Journal of Phycology</i> , 2010, 46, 18-32.	2.3	102
18	LC-MS-MS aboard ship: tandem mass spectrometry in the search for phycotoxins and novel toxigenic plankton from the North Sea. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 797-803.	3.7	99

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19	Transgenerational effects persist down the maternal line in marine sticklebacks: gene expression matches physiology in a warming ocean. <i>Evolutionary Applications</i> , 2016, 9, 1096-1111.	3.1	93
20	Comparative Genomic and Transcriptomic Characterization of the Toxigenic Marine Dinoflagellate <i>Alexandrium ostenfeldii</i> . <i>PLoS ONE</i> , 2011, 6, e28012.	2.5	92
21	REGULATION OF PROLINE METABOLISM UNDER SALT STRESS IN THE PSYCHROPHILIC DIATOM <i>FRAGILARIOPSIS CYLINDRUS</i> (BACILLARIOPHYCEAE). <i>Journal of Phycology</i> , 2007, 43, 753-762.	2.3	87
22	The role of <i>Azadinium spinosum</i> (Dinophyceae) in the production of azaspiracid shellfish poisoning in mussels. <i>Harmful Algae</i> , 2011, 10, 774-783.	4.8	85
23	Transcriptomic Analysis of Acclimation to Temperature and Light Stress in <i>Saccharina latissima</i> (Phaeophyceae). <i>PLoS ONE</i> , 2012, 7, e44342.	2.5	84
24	Antifreeze proteins in polar sea ice diatoms: diversity and gene expression in the genus <i>Fragilariopsis</i> . <i>Environmental Microbiology</i> , 2010, 12, 1041-1052.	3.8	81
25	An aerobic eukaryotic parasite with functional mitochondria that likely lacks a mitochondrial genome. <i>Science Advances</i> , 2019, 5, eaav1110.	10.3	76
26	Development of specific rRNA probes to distinguish between geographic clades of the <i>Alexandrium tamarensis</i> species complex. <i>Journal of Plankton Research</i> , 2004, 27, 199-204.	1.8	73
27	Comparative gene expression in toxic versus non-toxic strains of the marine dinoflagellate <i>Alexandrium minutum</i> . <i>BMC Genomics</i> , 2010, 11, 248.	2.8	73
28	Improved erythrocyte lysis assay in microtitre plates for sensitive detection and efficient measurement of haemolytic compounds from ichthyotoxic algae. <i>Journal of Applied Toxicology</i> , 2001, 21, 513-519.	2.8	72
29	Stress response or beneficial temperature acclimation: transcriptomic signatures in Antarctic fish <i>Pachycara brachycephalum</i> . <i>Molecular Ecology</i> , 2014, 23, 3469-3482.	3.9	72
30	Evolutionary distinctiveness of fatty acid and polyketide synthesis in eukaryotes. <i>ISME Journal</i> , 2016, 10, 1877-1890.	9.8	72
31	Ocean Acidification Affects Redox-Balance and Ion-Homeostasis in the Life-Cycle Stages of <i>Emiliana huxleyi</i> . <i>PLoS ONE</i> , 2012, 7, e52212.	2.5	72
32	A new non-toxic species in the dinoflagellate genus <i>Azadinium</i> : <i>A. poporum</i> sp. nov.. <i>European Journal of Phycology</i> , 2011, 46, 74-87.	2.0	71
33	ALEXANDRIUM TAMUTUM SP. NOV. (DINOPHYCEAE): A NEW NONTOXIC SPECIES IN THE GENUS ALEXANDRIUM1. <i>Journal of Phycology</i> , 2004, 40, 398-411.	2.3	70
34	Life-cycle modification in open oceans accounts for genome variability in a cosmopolitan phytoplankton. <i>ISME Journal</i> , 2015, 9, 1365-1377.	9.8	70
35	TRANSCRIPTOME ANALYSES REVEAL DIFFERENTIAL GENE EXPRESSION PATTERNS BETWEEN THE LIFE-CYCLE STAGES OF EMILIANA HUXLEYI (HAPTOPHYTA) AND REFLECT SPECIALIZATION TO DIFFERENT ECOLOGICAL NICHES1. <i>Journal of Phycology</i> , 2011, 47, 829-838.	2.3	69
36	Implications of life-history transitions on the population genetic structure of the toxigenic marine dinoflagellate <i>Alexandrium tamarensis</i> . <i>Molecular Ecology</i> , 2009, 18, 2122-2133.	3.9	66

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37	Azadinium obesum (Dinophyceae), a new nontoxic species in the genus that can produce azaspiracid toxins. Phycologia, 2010, 49, 169-182.	1.4	65
38	Novel Insights into Evolution of Protistan Polyketide Synthases through Phylogenomic Analysis. Protist, 2008, 159, 21-30.	1.5	63
39	Delimitation of the Thoracosphaeraceae (Dinophyceae), Including the Calcareous Dinoflagellates, Based on Large Amounts of Ribosomal RNA Sequence Data. Protist, 2012, 163, 15-24.	1.5	62
40	Characterization of multiple isolates from an Alexandrium ostenfeldii bloom in The Netherlands. Harmful Algae, 2015, 49, 94-104.	4.8	59
41	An assessment of cryptic genetic diversity within the Cyclotella meneghiniana species complex (Bacillariophyta) based on nuclear and plastid genes, and amplified fragment length polymorphisms. European Journal of Phycology, 2007, 42, 47-60.	2.0	58
42	Intraspecific trait variation and trade-offs within and across populations of a toxic dinoflagellate. Ecology Letters, 2018, 21, 1561-1571.	6.4	58
43	Induction of domoic acid production in diatoms – Types of grazers and diatoms are important. Harmful Algae, 2018, 79, 64-73.	4.8	57
44	A Molecular and Co-Evolutionary Context for Grazer Induced Toxin Production in Alexandrium tamarense. PLoS ONE, 2010, 5, e15039.	2.5	57
45	Polyketide synthesis genes associated with toxin production in two species of Gambierdiscus (Dinophyceae). BMC Genomics, 2015, 16, 410.	2.8	56
46	Utility of Amplified Fragment Length Polymorphisms (AFLP) to Analyse Genetic Structures within the Alexandrium tamarense Species Complex. Protist, 2004, 155, 169-179.	1.5	51
47	Growth- and nutrient-dependent gene expression in the toxigenic marine dinoflagellate Alexandrium minutum. Harmful Algae, 2011, 12, 55-69.	4.8	49
48	Patterns of Post-Glacial Genetic Differentiation in Marginal Populations of a Marine Microalga. PLoS ONE, 2012, 7, e53602.	2.5	49
49	Gene duplication, loss and selection in the evolution of saxitoxin biosynthesis in alveolates. Molecular Phylogenetics and Evolution, 2015, 92, 165-180.	2.7	48
50	Intraspecific facilitation by allelochemical mediated grazing protection within a toxigenic dinoflagellate population. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20141268.	2.6	48
51	Interactive effects of ocean acidification and nitrogen limitation on two bloom-forming dinoflagellate species. Marine Ecology - Progress Series, 2016, 543, 127-140.	1.9	47
52	Ocean Acidification Reduces Growth and Calcification in a Marine Dinoflagellate. PLoS ONE, 2013, 8, e65987.	2.5	46
53	Impact of elevated pCO ₂ on paralytic shellfish poisoning toxin content and composition in Alexandrium tamarense. Toxicon, 2014, 78, 58-67.	1.6	45
54	Molecular discrimination of toxic and non-toxic Alexandrium species (Dinophyta) in natural phytoplankton assemblages from the Scottish coast of the North Sea. European Journal of Phycology, 2013, 48, 12-26.	2.0	42

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55	Genomic Insights into Processes Driving the Infection of <i>Alexandrium tamarense</i> by the Parasitoid <i>Amoebophrya</i> sp. <i>Eukaryotic Cell</i> , 2014, 13, 1439-1449.	3.4	42
56	Nitrogen fixation and diversity of benthic cyanobacterial mats on coral reefs in Curaçao. <i>Coral Reefs</i> , 2018, 37, 861-874.	2.2	41
57	Molecular discrimination of taxa within the dinoflagellate genus <i>Azadinium</i> , the source of azaspiracid toxins. <i>Journal of Plankton Research</i> , 2013, 35, 225-230.	1.8	40
58	Impact of Nitrogen Sources on Gene Expression and Toxin Production in the Diazotroph <i>Cylindrospermopsis raciborskii</i> CS-505 and Non-Diazotroph <i>Raphidiopsis brookii</i> D9. <i>Toxins</i> , 2014, 6, 1896-1915.	3.4	40
59	Transcriptomic characterisation and genomic glimps into the toxigenic dinoflagellate <i>Azadinium spinosum</i> , with emphasis on polyketide synthase genes. <i>BMC Genomics</i> , 2015, 16, 27.	2.8	40
60	Using fluorescently-labelled rRNA probes for hierarchical estimation of phytoplankton diversity a mini-review. <i>Nova Hedwigia</i> , 2004, 79, 313-320.	0.4	39
61	A comparative approach to study inhibition of grazing and lipid composition of a toxic and non-toxic clone of <i>Chrysochromulina polylepis</i> (Prymnesiophyceae). <i>Harmful Algae</i> , 2002, 1, 45-57.	4.8	38
62	Expression of calcification-related ion transporters during blue mussel larval development. <i>Ecology and Evolution</i> , 2019, 9, 7157-7172.	1.9	37
63	Putative Monofunctional Type I Polyketide Synthase Units: A Dinoflagellate-Specific Feature?. <i>PLoS ONE</i> , 2012, 7, e48624.	2.5	36
64	<i>Emiliana huxleyi</i> endures N-limitation with an efficient metabolic budgeting and effective ATP synthesis. <i>BMC Genomics</i> , 2014, 15, 1051.	2.8	36
65	Company matters: The presence of other genotypes alters traits and intraspecific selection in an Arctic diatom under climate change. <i>Global Change Biology</i> , 2019, 25, 2869-2884.	9.5	34
66	Using chemical language to shape future marine health. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 530-537.	4.0	33
67	Transcriptomic response of the toxic prymnesiophyte <i>Prymnesium parvum</i> (N. Carter) to phosphorus and nitrogen starvation. <i>Harmful Algae</i> , 2012, 18, 1-15.	4.8	32
68	Phylogeny and morphology of a <i>Chattonella</i> (Raphidophyceae) species from the Mediterranean Sea: what is <i>C. subsalsa</i> ?. <i>European Journal of Phycology</i> , 2013, 48, 79-92.	2.0	31
69	Role of Modular Polyketide Synthases in the Production of Polyether Ladder Compounds in Ciguatera-producing <i>Gambierdiscus polynesiensis</i> and <i>G. excentricus</i> (Dinophyceae). <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 691-706.	1.7	31
70	Combined physical, chemical and biological factors shape <i>Alexandrium ostenfeldii</i> blooms in The Netherlands. <i>Harmful Algae</i> , 2017, 63, 146-153.	4.8	30
71	Molecular diversity patterns among various phytoplankton size-fractions in West Greenland in late summer. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017, 121, 54-69.	1.4	30
72	Effects of physiological shock treatments on toxicity and polyketide synthase gene expression in <i>Prymnesium parvum</i> (Prymnesiophyceae). <i>European Journal of Phycology</i> , 2011, 46, 193-201.	2.0	29

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73	Crazer-induced toxin formation in dinoflagellates: a transcriptomic model study. <i>European Journal of Phycology</i> , 2011, 46, 66-73.	2.0	29
74	(2302) Proposal to reject the name <i>Gonyaulax catenella</i> (<i>Alexandrium catenella</i>) (<i>Dinophyceae</i>). <i>Taxon</i> , 2014, 63, 932-933.	0.7	29
75	Genomic scans detect signatures of selection along a salinity gradient in populations of the intertidal seaweed <i>Fucus serratus</i> on a 12km scale. <i>Marine Genomics</i> , 2011, 4, 41-49.	1.1	28
76	Genome Variations Associated with Viral Susceptibility and Calcification in <i>Emiliana huxleyi</i> . <i>PLoS ONE</i> , 2013, 8, e80684.	2.5	28
77	The complete mitochondrial genome of the stonefly <i>Dinocras cephalotes</i> (Plecoptera, Perlidae). <i>Mitochondrial DNA</i> , 2015, 26, 469-470.	0.6	28
78	P- and N-Depletion Trigger Similar Cellular Responses to Promote Senescence in Eukaryotic Phytoplankton. <i>Frontiers in Marine Science</i> , 2016, 3, .	2.5	28
79	Morphological, molecular, and toxin analysis of field populations of <i>Alexandrium</i> genus from the Argentine Sea. <i>Journal of Phycology</i> , 2017, 53, 1206-1222.	2.3	28
80	Effects of ocean acidification on primary production in a coastal North Sea phytoplankton community. <i>PLoS ONE</i> , 2017, 12, e0172594.	2.5	27
81	Evolution of Codon Usage in the Smallest Photosynthetic Eukaryotes and Their Giant Viruses. <i>Genome Biology and Evolution</i> , 2013, 5, 848-859.	2.5	24
82	Nutrient pulse induces dynamic changes in cellular C:N:P, amino acids, and paralytic shellfish poisoning toxins in <i>Alexandrium tamarense</i> . <i>Marine Ecology - Progress Series</i> , 2013, 493, 57-69.	1.9	24
83	Toxicogenic algae and associated phycotoxins in two coastal embayments in the Ebro Delta (NW Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.8	23
84	Transcriptomic responses to grazing reveal the metabolic pathway leading to the biosynthesis of domoic acid and highlight different defense strategies in diatoms. <i>BMC Molecular Biology</i> , 2019, 20, 7.	3.0	23
85	<i>Alexandrium diversaporum</i> sp. nov., a new non-saxitoxin producing species: Phylogeny, morphology and <i>sxtA</i> genes. <i>Harmful Algae</i> , 2014, 31, 54-65.	4.8	22
86	Transcriptomic profiling of <i>Alexandrium fundyense</i> during physical interaction with or exposure to chemical signals from the parasite <i>Amoebophrya</i> . <i>Molecular Ecology</i> , 2016, 25, 1294-1307.	3.9	22
87	Windows of opportunity: Ocean warming shapes temperature-sensitive epigenetic reprogramming and gene expression across gametogenesis and embryogenesis in marine stickleback. <i>Global Change Biology</i> , 2022, 28, 54-71.	9.5	22
88	Genomic characterisation of the ichthyotoxic prymnesiophyte <i>Chrysochromulina polylepsis</i> and the expression of polyketide synthase genes in synchronized cultures. <i>European Journal of Phycology</i> , 2010, 45, 215-229.	2.0	21
89	Morphological and phylogenetic data do not support the split of <i>Alexandrium</i> into four genera. <i>Harmful Algae</i> , 2020, 98, 101902.	4.8	21
90	Metatranscriptome Profiling Indicates Size-Dependent Differentiation in Plastic and Conserved Community Traits and Functional Diversification in Dinoflagellate Communities. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	20

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91	Phylogenetic placement of environmental sequences using taxonomically reliable databases helps to rigorously assess dinophyte biodiversity in Bavarian lakes (Germany). <i>Freshwater Biology</i> , 2020, 65, 193-208.	2.4	19
92	Induced resistance to periwinkle grazing in the brown seaweed <i>Fucus vesiculosus</i> (Phaeophyceae): molecular insights and seaweed-mediated effects on herbivore interactions. <i>Journal of Phycology</i> , 2014, 50, 564-576.	2.3	18
93	Functional Genomics Differentiate Inherent and Environmentally Influenced Traits in Dinoflagellate and Diatom Communities. <i>Microorganisms</i> , 2020, 8, 567.	3.6	18
94	Six new microsatellite markers for the toxic marine dinoflagellate <i>Alexandrium tamarense</i> . <i>Molecular Ecology Notes</i> , 2006, 6, 1057-1059.	1.7	17
95	Herbivore-induced defence response in the brown seaweed <i>Fucus vesiculosus</i> (Phaeophyceae): temporal pattern and gene expression. <i>European Journal of Phycology</i> , 2014, 49, 356-369.	2.0	17
96	Over-calcified forms of the coccolithophore <i>Emiliana huxleyi</i> in high-CO ₂ waters are not preadapted to ocean acidification. <i>Biogeosciences</i> , 2018, 15, 1515-1534.	3.3	16
97	The evolution of convex trade-offs enables the transition towards multicellularity. <i>Nature Communications</i> , 2021, 12, 4222.	12.8	16
98	Short- and long-read metabarcoding of the eukaryotic rRNA operon: Evaluation of primers and comparison to shotgun metagenomics sequencing. <i>Molecular Ecology Resources</i> , 2022, 22, 2304-2318.	4.8	16
99	Spatial and biological oceanographic insights into the massive fish-killing bloom of the haptophyte <i>Chrysochromulina leadbeateri</i> in northern Norway. <i>Harmful Algae</i> , 2022, 118, 102287.	4.8	16
100	Trait changes induced by species interactions in two phenotypically distinct strains of a marine dinoflagellate. <i>ISME Journal</i> , 2016, 10, 2658-2668.	9.8	15
101	Dual transcriptomics reveals co-evolutionary mechanisms of intestinal parasite infections in blue mussels <i>Mytilus edulis</i> . <i>Molecular Ecology</i> , 2018, 27, 1505-1519.	3.9	15
102	Adaptive divergence across Southern Ocean gradients in the pelagic diatom <i>Fragilariopsis kerguelensis</i> . <i>Molecular Ecology</i> , 2020, 29, 4913-4924.	3.9	15
103	Limits to the cellular control of sequestered cryptophyte prey in the marine ciliate <i>Mesodinium rubrum</i> . <i>ISME Journal</i> , 2021, 15, 1056-1072.	9.8	15
104	Nucleic Acid Isolation from Environmental Aqueous Samples. <i>Methods in Enzymology</i> , 2005, 395, 15-37.	1.0	14
105	Analysis of Expressed Sequence Tags from the Marine Microalga <i>Pseudochattonella farcimen</i> (Dictyochophyceae). <i>Protist</i> , 2012, 163, 143-161.	1.5	14
106	Hydrographic fronts shape productivity, nitrogen fixation, and microbial community composition in the southern Indian Ocean and the Southern Ocean. <i>Biogeosciences</i> , 2021, 18, 3733-3749.	3.3	14
107	An 18S V4 rRNA metabarcoding dataset of protist diversity in the Atlantic inflow to the Arctic Ocean, through the year and down to 1000m depth. <i>Earth System Science Data</i> , 2021, 13, 4913-4928.	9.9	14
108	Cell cycle dependent expression of toxicity by the ichthyotoxic prymnesiophyte <i>Chrysochromulina polylepis</i> . <i>Aquatic Microbial Ecology</i> , 2005, 39, 85-95.	1.8	13

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109	Shake it easy: a gently mixed continuous culture system for dinoflagellates. <i>Journal of Plankton Research</i> , 2014, 36, 889-894.	1.8	11
110	Can domoic acid affect escape response in copepods?. <i>Harmful Algae</i> , 2018, 79, 50-52.	4.8	11
111	Trophic interactions, toxicokinetics, and detoxification processes in a domoic acid-producing diatom and two copepod species. <i>Limnology and Oceanography</i> , 2019, 64, 833-848.	3.1	11
112	Intracellular nitrate storage by diatoms can be an important nitrogen pool in freshwater and marine ecosystems. <i>Communications Earth & Environment</i> , 2022, 3, .	6.8	11
113	Microsatellite DNA variation indicates low levels of genetic differentiation among cuttlefish (<i>Sepia</i>) Tj ETQq1 1 0.784314 rgBT /Overlook Physiology Part D: Genomics and Proteomics, 2006, 1, 375-383.	1.0	10
114	Molecular Targets for Coevolutionary Interactions Between Pacific Oyster Larvae and Their Sympatric <i>Vibrios</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2067.	3.5	10
115	Ocean acidification increases domoic acid contents during a spring to summer succession of coastal phytoplankton. <i>Harmful Algae</i> , 2020, 92, 101697.	4.8	10
116	Polyketide synthase genes and molecular trade-offs in the ichthyotoxic species <i>Prymnesium parvum</i> . <i>Science of the Total Environment</i> , 2021, 795, 148878.	8.0	10
117	A simple and highly efficient fixation method for <i>Chrysochromulina polylepis</i> (Prymnesiophytes) for analytical flow cytometry. <i>Cytometry</i> , 2001, 44, 126-132.	1.8	9
118	<i>Daphnia galeata</i> responds to the exposure to an ichthyosporean gut parasite by down-regulation of immunity and lipid metabolism. <i>BMC Genomics</i> , 2018, 19, 932.	2.8	9
119	Comparative Metabarcoding and Metatranscriptomic Analysis of Microeukaryotes Within Coastal Surface Waters of West Greenland and Northwest Iceland. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	9
120	Microbial diversity through an oceanographic lens: refining the concept of ocean provinces through trophic-level analysis and productivity-specific length scales. <i>Environmental Microbiology</i> , 2022, 24, 404-419.	3.8	9
121	Revealing environmentally driven population dynamics of an Arctic diatom using a novel microsatellite <sc>PoolSeq</sc> barcoding approach. <i>Environmental Microbiology</i> , 2021, 23, 3809-3824.	3.8	6
122	Seasonal plankton succession is in accordance with phycotoxin occurrence in Disko Bay, West Greenland. <i>Harmful Algae</i> , 2021, 103, 101978.	4.8	6
123	Isolation, characterization and cross amplification of eleven novel microsatellite loci for the hydrozoan coral <i>Millepora</i> . <i>Conservation Genetics Resources</i> , 2015, 7, 215-217.	0.8	5
124	Comparing the Relative Importance of Water-Borne Cues and Direct Grazing for the Induction of Defenses in the Brown Seaweed <i>Fucus vesiculosus</i> . <i>PLoS ONE</i> , 2014, 9, e109247.	2.5	5
125	4. <i>Alexandrium</i> spp.: genetic and ecological factors influencing saxitoxin production and proliferation. , 2015, , 125-154.		4
126	Phylogeography and Diversity Among Populations of the Toxigenic Benthic Dinoflagellate <i>Prorocentrum</i> From Coastal Reef Systems in Mexico. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	4

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127	Fantastic Beasts: Unfolding Mixoplankton Temporal Variability in the Belgian Coastal Zone Through DNA-Metabarcoding. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	4
128	Retention of Prey Genetic Material by the Kleptoplastidic Ciliate <i>Strombidium cf. basimorphum</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 694508.	3.5	2
129	Genomic and Transcriptomic Differentiation of Independent Invasions of the Pacific Oyster <i>Crassostrea gigas</i> . <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	1