

Nina Lundholm

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130 papers	4,154 citations	34 h-index	60 g-index
134 ext. papers	4,921 ext. citations	3.7 avg, IF	5.46 L-index

#	Paper	IF	Citations
130	Pseudo-nitzschia physiological ecology, phylogeny, toxicity, monitoring and impacts on ecosystem health. <i>Harmful Algae</i> , 2012 , 14, 271-300	5.3	321
129	A STUDY OF THE PSEUDO-NITZSCHIA PSEUDODELICATISSIMA/CUSPIDATA COMPLEX (BACILLARIOPHYCEAE): WHAT IS P. PSEUDODELICATISSIMA? 1. <i>Journal of Phycology</i> , 2003 , 39, 797-813	3	200
128	INTER- AND INTRASPECIFIC VARIATION OF THE PSEUDO-NITZSCHIA DELICATISSIMA COMPLEX (BACILLARIOPHYCEAE) ILLUSTRATED BY RRNA PROBES, MORPHOLOGICAL DATA AND PHYLOGENETIC ANALYSES1. <i>Journal of Phycology</i> , 2006 , 42, 464-481	3	166
127	Limits to gene flow in a cosmopolitan marine planktonic diatom. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 12952-7	11.5	160
126	Phylogeny of the Bacillariaceae with emphasis on the genus Pseudo-nitzschia (Bacillariophyceae) based on partial LSU rDNA. <i>European Journal of Phycology</i> , 2002 , 37, 115-134	2.2	150
125	Pseudo-nitzschia, Nitzschia, and domoic acid: New research since 2011. <i>Harmful Algae</i> , 2018 , 79, 3-43	5.3	122
124	Pseudo-nitzschia pungens (Bacillariophyceae): A cosmopolitan diatom species?. <i>Harmful Algae</i> , 2008 , 7, 241-257	5.3	115
123	Inorganic carbon acquisition in potentially toxic and non-toxic diatoms: the effect of pH-induced changes in seawater carbonate chemistry. <i>Physiologia Plantarum</i> , 2008 , 133, 92-105	4.6	110
122	Effect of pH on growth and domoic acid production by potentially toxic diatoms of the genera Pseudo-nitzschia and Nitzschia. <i>Marine Ecology - Progress Series</i> , 2004 , 273, 1-15	2.6	110
121	Domoic acid, the toxic amino acid responsible for amnesic shellfish poisoning, now in Pseudonitzschia seriata (Bacillariophyceae) in Europe. <i>Phycologia</i> , 1994 , 33, 475-478	2.7	105
120	CRYPTIC AND PSEUDO-CRYPTIC DIVERSITY IN DIATOMS-WITH DESCRIPTIONS OF PSEUDO-NITZSCHIA HASLEANA SP. NOV. AND P. FRYXELLIANA SP. NOV.(1). <i>Journal of Phycology</i> , 2012 , 48, 436-54	3	100
119	Phytoplankton growth after a century of dormancy illuminates past resilience to catastrophic darkness. <i>Nature Communications</i> , 2011 , 2, 311	17.4	94
118	Morphology, phylogeny and taxonomy of species within the Pseudo-nitzschia americana complex (Bacillariophyceae) with descriptions of two new species, Pseudo-nitzschia brasiliiana and Pseudo-nitzschia linea. <i>Phycologia</i> , 2002 , 41, 480-497	2.7	91
117	Morphology, physiology, molecular phylogeny and sexual compatibility of the cryptic Pseudo-nitzschia delicatissima complex (Bacillariophyta), including the description of P. arenysensis sp. nov.. <i>Phycologia</i> , 2009 , 48, 492-509	2.7	88
116	Buried alive Germination of up to a century-old marine protist resting stages. <i>Phycologia</i> , 2011 , 50, 629-640	2.7	73
115	The marine diatom Pseudo-nitzschia galaxiae sp. nov. (Bacillariophyceae): morphology and phylogenetic relationships. <i>Phycologia</i> , 2002 , 41, 594-605	2.7	63
114	Growth limitation in marine red-tide dinoflagellates: effects of pH versus inorganic carbon availability. <i>Marine Ecology - Progress Series</i> , 2007 , 334, 63-71	2.6	63

113	MORPHOLOGY OF THE MARINE DIATOM NITZSCHIA NAVIS-VARINGICA, SP. NOV. (BACILLARIOPHYCEAE), ANOTHER PRODUCER OF THE NEUROTOXIN DOMOIC ACID. <i>Journal of Phycology</i> , 2000 , 36, 1162-1174	3	59
112	Induction of domoic acid production in the toxic diatom Pseudo-nitzschia seriata by calanoid copepods. <i>Aquatic Toxicology</i> , 2015 , 159, 52-61	5.1	58
111	DIVERSITY AND ABUNDANCE OF POTENTIALLY TOXIC PSEUDO-NITZSCHIA PERAGALLO IN AVEIRO COASTAL LAGOON, PORTUGAL AND DESCRIPTION OF A NEW VARIETY, P. PUNGENS VAR. AVEIRENSIS VAR. NOV.. <i>Diatom Research</i> , 2009 , 24, 35-62	0.9	56
110	An ecological study of a massive bloom of toxigenic Pseudo-nitzschia cuspidata off the Washington State coast. <i>Limnology and Oceanography</i> , 2009 , 54, 1461-1474	4.8	55
109	Dangerous Relations in the Arctic Marine Food Web: Interactions between Toxin Producing Pseudo-nitzschia Diatoms and Calanus Copepodites. <i>Marine Drugs</i> , 2015 , 13, 3809-35	6	54
108	Studies on the marine planktonic diatom Pseudo-nitzschia. 2. Autecology of P. pseudodelicatissima based on isolates from Danish coastal waters. <i>Phycologia</i> , 1997 , 36, 381-388	2.7	50
107	Biosorption capacity and kinetics of cadmium(II) on live and dead Chlorella vulgaris. <i>Journal of Applied Phycology</i> , 2017 , 29, 211-221	3.2	49
106	Spatio-Temporal Interdependence of Bacteria and Phytoplankton during a Baltic Sea Spring Bloom. <i>Frontiers in Microbiology</i> , 2016 , 7, 517	5.7	49
105	MORPHOLOGY AND MOLECULAR CHARACTERIZATION OF PSEUDO-NITZSCHIA (BACILLARIOPHYCEAE) FROM MALAYSIAN BORNEO, INCLUDING THE NEW SPECIES PSEUDO-NITZSCHIA CIRCUMPORA SP. NOV. <i>Journal of Phycology</i> , 2012 , 48, 1232-47	3	44
104	Lack of allelopathic effects of the domoic acid-producing marine diatom Pseudo-nitzschia multiseriata. <i>Marine Ecology - Progress Series</i> , 2005 , 288, 21-33	2.6	44
103	. <i>Phycologia</i> , 2005 , 44, 608-619	2.7	42
102	Global diversity of two widespread, colony-forming diatoms of the marine plankton, Chaetoceros socialis (syn. C. ladians) and Chaetoceros gelidus sp. nov. <i>Journal of Phycology</i> , 2013 , 49, 1128-41	3	41
101	A 100-year record of changing Pseudo-nitzschia species in a sill-fjord in Denmark related to nitrogen loading and temperature. <i>Harmful Algae</i> , 2010 , 9, 449-457	5.3	41
100	IDENTIFICATION AND ASSESSMENT OF DOMOIC ACID PRODUCTION IN OCEANIC PSEUDO-NITZSCHIA (BACILLARIOPHYCEAE) FROM IRON-LIMITED WATERS IN THE NORTHEAST SUBARCTIC PACIFIC(1). <i>Journal of Phycology</i> , 2008 , 44, 650-61	3	40
99	Wide distribution of Nitzschia navis-varingica, a new domoic acid-producing benthic diatom found in Vietnam. <i>Fisheries Science</i> , 2004 , 70, 28-32	1.9	40
98	TAXONOMIC NOTES ON THE MARINE DIATOM GENUS PSEUDO-NITZSCHIA IN THE ANDAMAN SEA NEAR THE ISLAND OF PHUKET, THAILAND, WITH A DESCRIPTION OF PSEUDO-NITZSCHIA MICROPORA SP. NOV.. <i>Diatom Research</i> , 2002 , 17, 153-175	0.9	39
97	Induction of domoic acid production in diatoms-Types of grazers and diatoms are important. <i>Harmful Algae</i> , 2018 , 79, 64-73	5.3	35
96	Autecology and phylogeny of Coolia tropicalis and Coolia malayensis (Dinophyceae), with emphasis on taxonomy of C. tropicalis based on light microscopy, scanning electron microscopy and LSU rDNA(1). <i>Journal of Phycology</i> , 2013 , 49, 536-45	3	34

95	Physical barriers and environmental gradients cause spatial and temporal genetic differentiation of an extensive algal bloom. <i>Journal of Biogeography</i> , 2016 , 43, 1130-1142	4.1	34
94	Morphology and molecular phylogeny of <i>Nitzschia bizertensis</i> sp. nov. A new domoic acid-producer. <i>Harmful Algae</i> , 2014 , 32, 49-63	5.3	32
93	Exposure of the North Atlantic right whale <i>Eubalaena glacialis</i> to the marine algal biotoxin, domoic acid. <i>Marine Ecology - Progress Series</i> , 2010 , 398, 287-303	2.6	31
92	Harmful algal blooms and their effects in coastal seas of Northern Europe. <i>Harmful Algae</i> , 2021 , 102, 101989	5.3	31
91	Implications for photonic applications of diatom growth and frustule nanostructure changes in response to different light wavelengths. <i>Nano Research</i> , 2015 , 8, 2363-2372	10	30
90	A draft genome assembly of the solar-powered sea slug <i>Elysia chlorotica</i> . <i>Scientific Data</i> , 2019 , 6, 190023	2.2	30
89	Production of isodomoic acids A and B as major toxin components of a pennate diatom <i>Nitzschia navis-varingica</i> . <i>Toxicon</i> , 2005 , 46, 946-53	2.8	30
88	<i>Pseudo-nitzschia arctica</i> sp. nov., a new cold-water cryptic <i>Pseudo-nitzschia</i> species within the <i>P. pseudodelicatissima</i> complex. <i>Journal of Phycology</i> , 2016 , 52, 184-99	3	30
87	Copepods drive large-scale trait-mediated effects in marine plankton. <i>Science Advances</i> , 2019 , 5, eaat5096	14.3	29
86	<i>Calanus</i> spp. Vectors for the biotoxin, domoic acid, in the Arctic marine ecosystem?. <i>Harmful Algae</i> , 2012 , 20, 165-174	5.3	29
85	Toxin production and temperature-induced morphological variation of the diatom <i>Pseudo-nitzschia seriata</i> from the Arctic. <i>Harmful Algae</i> , 2011 , 10, 689-696	5.3	29
84	<i>Protoperidinium minutum</i> (Dinophyceae) from Portugal: cyst-therca relationship and phylogenetic position on the basis of single-cell SSU and LSU rDNA sequencing. <i>Phycologia</i> , 2010 , 49, 48-63	2.7	29
83	<i>Pseudo-nitzschia simulans</i> sp. nov. (Bacillariophyceae), the first domoic acid producer from Chinese waters. <i>Harmful Algae</i> , 2017 , 67, 119-130	5.3	28
82	The fascinating diatom frustule: can it play a role for attenuation of UV radiation?. <i>Journal of Applied Phycology</i> , 2016 , 28, 3295-3306	3.2	27
81	The diatom genus <i>Pseudo-nitzschia</i> (Bacillariophyceae) in New South Wales, Australia: morphotaxonomy, molecular phylogeny, toxicity, and distribution. <i>Journal of Phycology</i> , 2013 , 49, 765-83	5	27
80	Diversity of <i>Pseudo-nitzschia</i> H. Peragallo from the western North Pacific. <i>Diatom Research</i> , 2011 , 26, 121-134	0.9	27
79	Effect of acidification on an Arctic phytoplankton community from Disko Bay, West Greenland. <i>Marine Ecology - Progress Series</i> , 2015 , 520, 21-34	2.6	27
78	Studies on the marine planktonic diatom <i>Pseudo-nitzschia</i> . 1. Isozyme variation among isolates of <i>P. pseudodelicatissima</i> during a bloom in Danish coastal waters. <i>Phycologia</i> , 1997 , 36, 374-380	2.7	24

77	High pH and not allelopathy may be responsible for negative effects of <i>Nodularia spumigena</i> on other algae. <i>Aquatic Microbial Ecology</i> , 2006 , 43, 43-54	1.1	24
76	The dinoflagellates <i>Pfiesteria shumwayae</i> and <i>Luciella masanensis</i> cause fish kills in recirculation fish farms in Denmark. <i>Harmful Algae</i> , 2014 , 32, 33-39	5.3	23
75	Resilience to temperature and pH changes in a future climate change scenario in six strains of the polar diatom <i>Fragilariopsis cylindrus</i>. <i>Biogeosciences</i> , 2015 , 12, 4235-4244	4.6	23
74	Phytoplankton Community Dynamic: A Driver for Ciliate Trophic Strategies. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	22
73	The Biogeography of Harmful Algae 2006 , 23-35		21
72	Unique amnesic shellfish toxin composition found in the South East Asian diatom <i>Nitzschia navis-varingica</i> . <i>Harmful Algae</i> , 2011 , 10, 456-462	5.3	20
71	<i>Fragilariopsis</i> (Bacillariophyceae) of the Northern Hemisphere [morphology, taxonomy, phylogeny and distribution, with a description of <i>F. pacifica</i> sp. nov.. <i>Phycologia</i> , 2010 , 49, 438-460	2.7	20
70	Diversity in the Globally Distributed Diatom Genus <i>Chaetoceros</i> (Bacillariophyceae): Three New Species from Warm-Temperate Waters. <i>PLoS ONE</i> , 2017 , 12, e0168887	3.7	20
69	Hundred years of environmental change and phytoplankton ecophysiological variability archived in coastal sediments. <i>PLoS ONE</i> , 2013 , 8, e61184	3.7	19
68	Morphological, molecular and toxigenic characteristics of Namibian <i>Pseudo-nitzschia</i> species - including <i>Pseudo-nitzschia bucculenta</i> sp. nov. <i>Harmful Algae</i> , 2018 , 76, 80-95	5.3	18
67	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	2.5	17
66	Phylogeny and species delineation in the marine diatom <i>Pseudo-nitzschia</i> (Bacillariophyta) using <i>cox1</i> , LSU, and ITS2 rRNA genes: A perspective in character evolution. <i>Journal of Phycology</i> , 2018 , 54, 234-248	3	17
65	Does irradiance influence the tolerance of marine phytoplankton to high pH?. <i>Marine Biology Research</i> , 2007 , 3, 446-453	1	17
64	<i>Pseudo-nitzschia</i> Peragallo (Bacillariophyceae) diversity and domoic acid accumulation in tuberculate cockles and sweet clams in Mġiq Bay, Morocco. <i>Acta Botanica Croatica</i> , 2013 , 72, 35-47	0.8	16
63	Diversity, taxonomy and biogeographical distribution of the genus <i>Pseudo-nitzschia</i> (Bacillariophyceae) in Guangdong coastal waters, South China Sea. <i>Nova Hedwigia</i> , 2012 , 95, 123-152	1.3	16
62	Temporal and spatial variability of the potentially toxic <i>Pseudo-nitzschia</i> spp. in a eutrophic estuary (Sea of Marmara). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017 , 97, 1483-1494 ^{1.1}	1.1	15
61	Species composition and toxicity of the genus <i>Pseudo-nitzschia</i> in Taiwan Strait, including <i>P. chiniana</i> sp. nov. and <i>P. qiana</i> sp. nov. <i>Harmful Algae</i> , 2019 , 84, 195-209	5.3	15
60	Description of <i>Pyramimonas diskoicola</i> sp. nov. and the importance of the flagellate <i>Pyramimonas</i> (Prasinophyceae) in Greenland sea ice during the winter-spring transition. <i>Polar Biology</i> , 2014 , 37, 1479-1494	1.2	15

59	Diversity of the marine diatom Chaetoceros (Bacillariophyceae) in Thai waters [revisiting Chaetoceros compressus and Chaetoceros contortus. <i>Phycologia</i> , 2015 , 54, 161-175	2.7	14
58	Morphological and phylogenetic comparisons of Neodenticula seminae (Bacillariophyta) populations between the subarctic Pacific and the Gulf of St. Lawrence. <i>European Journal of Phycology</i> , 2010 , 45, 127-142	2.2	13
57	Long-term survival of haptophyte and prasinophyte resting stages in marine sediment. <i>European Journal of Phycology</i> , 2016 , 51, 328-337	2.2	13
56	Exploring the impact of multidecadal environmental changes on the population genetic structure of a marine primary producer. <i>Ecology and Evolution</i> , 2017 , 7, 3132-3142	2.8	12
55	Morphology and molecular phylogeny of Chaetoceros dayaensis sp. nov. (Bacillariophyceae), characterized by two 90° rotations of the resting spore during maturation. <i>Journal of Phycology</i> , 2015 , 51, 469-79	3	12
54	The effect of Pseudo-nitzschia seriata on grazing and fecundity of Calanus finmarchicus and Calanus glacialis. <i>Journal of Plankton Research</i> , 2016 , 38, 564-574	2.2	12
53	Chaetoceros rothlisporus sp. nov. (Bacillariophyceae), a species with unusual resting spore formation. <i>Phycologia</i> , 2013 , 52, 600-608	2.7	12
52	Occurrence of Pseudo-nitzschia species and associated domoic acid production along the Guangdong coast, South China Sea. <i>Harmful Algae</i> , 2020 , 98, 101899	5.3	11
51	Harmful phytoplankton in the Beagle Channel (South America) as a potential threat to aquaculture activities. <i>Marine Pollution Bulletin</i> , 2019 , 145, 105-117	6.7	10
50	Morphology and toxicity of Pseudo-nitzschia species in the northern Benguela Upwelling System. <i>Harmful Algae</i> , 2018 , 75, 118-128	5.3	10
49	Effects of abiotic factors on the nanostructure of diatom frustules-ranges and variability. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 5889-5899	5.7	10
48	Acclimation of the Marine Diatom Pseudo-nitzschia australis to Different Salinity Conditions: Effects on Growth, Photosynthetic Activity, and Domoic Acid Content. <i>Journal of Phycology</i> , 2020 , 56, 97-109	3	9
47	Dimorphism in cryptophytes-The case of / and its ecological implications. <i>Science Advances</i> , 2020 , 6,	14.3	9
46	Long-term cultivation of the diatom Coscinodiscus granii at different light spectra: effects on frustule morphology. <i>Journal of Applied Phycology</i> , 2017 , 29, 1775-1779	3.2	8
45	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	4.5	8
44	A century-long genetic record reveals that protist effective population sizes are comparable to those of macroscopic species. <i>Biology Letters</i> , 2013 , 9, 20130849	3.6	8
43	Contributions to the Diatom flora of the Black Sea from ultrastructural and molecular studies: new records of Skeletonema marinoi, Pseudo-nitzschia pungens var. aveirensis and Chaetoceros tenuissimus for the marine flora of Turkey. <i>Nova Hedwigia</i> , 2013 , 96, 427-444	1.3	8
42	A hypocystal archeopyle in a freshwater dinoflagellate from the Peridinium umbonatum group (Dinophyceae) from Lake Nero di Cornisello, South Eastern Alps, Italy. <i>European Journal of Phycology</i> , 2009 , 44, 241-250	2.2	8

41	Monitoring natural phytoplankton communities: a comparison between traditional methods and pulse-shape recording flow cytometry. <i>Aquatic Microbial Ecology</i> , 2017 , 80, 77-92	1.1	8
40	Can domoic acid affect escape response in copepods?. <i>Harmful Algae</i> , 2018 , 79, 50-52	5.3	8
39	Isolation by Time During an Arctic Phytoplankton Spring Bloom. <i>Journal of Eukaryotic Microbiology</i> , 2017 , 64, 248-256	3.6	7
38	A DETAILED DESCRIPTION OF A DANISH STRAIN OF NITZSCHIA SIGMOIDEA, THE TYPE SPECIES OF NITZSCHIA, PROVIDING A REFERENCE FOR FUTURE MORPHOLOGICAL AND PHYLOGENETIC STUDIES OF THE GENUS. <i>Diatom Research</i> , 2007 , 22, 105-116	0.9	7
37	Using the sediment archive of living dinoflagellate cysts and other protist resting stages to study temporal population dynamics149-153		7
36	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	4.8	7
35	Diversity in the section Compressa of the genus Chaetoceros (Bacillariophyceae), with description of two new species from Chinese warm waters. <i>Journal of Phycology</i> , 2019 , 55, 104-117	3	7
34	The effect of different light regimes on diatom frustule silicon concentration. <i>Algal Research</i> , 2018 , 29, 36-40	5	7
33	Microsatellite markers for the palaeo-temperature indicator Pentapharsodinium dalei (Dinophyceae). <i>Journal of Applied Phycology</i> , 2014 , 26, 417-420	3.2	6
32	Detection of domoic acid in Mytilus galloprovincialis and Ostrea edulis linked to the presence of Nitzschia bizertensis in Bizerte Lagoon (SW Mediterranean). <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 165, 270-278	2.9	6
31	Resilience to temperature and pH changes in a future climate change scenario in six strains of the polar diatom <i>Fragilariopsis cylindrus</i>;		6
30	Biomonitoring of Polycyclic Aromatic Hydrocarbon Deposition in Greenland Using Historical Moss Herbarium Specimens Shows a Decrease in Pollution During the 20 Century. <i>Frontiers in Plant Science</i> , 2020 , 11, 1085	6.2	6
29	: The symbiosis that wasn't. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E1040-E1042	11.5	5
28	ISOLATION OF ASP TOXIN-PRODUCING NITZSCHIA FROM THAILAND 2008 , 33, 225-227		5
27	Two New and Nontoxic Pseudo-nitzschia species (Bacillariophyceae) from Chinese Southeast Coastal Waters. <i>Journal of Phycology</i> , 2021 , 57, 335-344	3	5
26	Limits to the cellular control of sequestered cryptophyte prey in the marine ciliate Mesodinium rubrum. <i>ISME Journal</i> , 2021 , 15, 1056-1072	11.9	5
25	Viability, growth and domoic acid toxicity of the diatom Nitzschia bizertensis following filtration by the mussel Mytilus sp.. <i>Marine Biology</i> , 2015 , 162, 2513-2519	2.5	4
24	The impact of urea on toxic diatoms - Potential effects of fertilizer silo breakdown on a Pseudo-nitzschia bloom. <i>Harmful Algae</i> , 2020 , 95, 101817	5.3	4

23	Chaetoceros pauciramosus sp. nov. (Bacillariophyceae), a Widely Distributed Brackish Water Species in the C. lorenzianus Complex. <i>Protist</i> , 2018 , 169, 615-631	2.5	4
22	Morphological and genetic analyses of Ostreopsis (Dinophyceae, Gonyaulacales, Ostreopsidaceae) species from Vietnamese waters with a re-description of the type species, O. siamensis. <i>Journal of Phycology</i> , 2021 , 57, 1059-1083	3	4
21	First Evidence of the Toxin Domoic Acid in Antarctic Diatom Species. <i>Toxins</i> , 2021 , 13,	4.9	4
20	Molecular Phylogeny and Taxonomy of the Genus Minidiscus (Bacillariophyceae), with Description of Mediolabrus gen. nov. <i>Journal of Phycology</i> , 2020 , 56, 1443-1456	3	3
19	A Study of Chaetoceros debilis Ssensu Lato Species (Bacillariophyceae), with Emendation of C. debilis and Description of C. galeatus Sp. Nov. <i>Journal of Phycology</i> , 2020 , 56, 784-797	3	3
18	Description of Thalassiosira secreta sp. nov. (Bacillariophyta), unique with fultoportulae hidden inside the central areola. <i>European Journal of Phycology</i> , 2020 , 55, 39-48	2.2	3
17	The morphology and phylogeny of the diatom genera Rhizosolenia, Proboscia, Pseudosolenia and Neocalyptrella from Gulf of Thailand and the Andaman Sea, with description of Rhizosolenia loanicola sp. nov., Proboscia siamensis sp. nov. and Probosciales ord. nov.. <i>Diatom Research</i> , 1-42	0.9	2
16	Chemical and morphological defenses of Pseudo-nitzschia multiseries in response to zooplankton grazing. <i>Harmful Algae</i> , 2021 , 104, 102033	5.3	2
15	Revisiting Chaetoceros subtilis and C. subtilis var. abnormis (Bacillariophyceae), reinstating the latter as C. abnormis. <i>Phycologia</i> , 2018 , 57, 659-673	2.7	2
14	Costs and benefits of predator-induced defence in a toxic diatom.. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022 , 289, 20212735	4.4	2
13	Revisiting section Compressa of Chaetoceros (Bacillariophyceae), with descriptions of C. brevispinosus sp. nov. and C. ornatus comb. nov.. <i>Phycologia</i> , 2019 , 58, 614-627	2.7	1
12	Toxic and Harmful Marine Diatoms 2019 , 389-434		1
11	CYTOPLASMIC AND FRUSTULAR ULTRASTRUCTURE AND MORPHOLOGY OF PLAGIOTROPIS TRISTIS SP. NOV. (BACILLARIOPHYCEAE). <i>Diatom Research</i> , 2005 , 20, 97-113	0.9	1
10	Diversity and emendation of the genus Planktoniella (Bacillariophyceae), with descriptions of P. tubulata sp. nov. and P. trifurcata sp. nov. <i>Journal of Phycology</i> , 2021 , 57, 1433-1449	3	1
9	Diversity and conservation of desmids in Bornholm, Denmark [revisiting after 130 years. <i>Nordic Journal of Botany</i> , 2018 , 36, e01994	1.1	1
8	Salinity, a climate-change factor affecting growth, domoic acid and isodomoic acid C content in the diatom Pseudo-nitzschia seriata (Bacillariophyceae). <i>Phycologia</i> , 1-12	2.7	0
7	Seasonal plankton succession is in accordance with phycotoxin occurrence in Disko Bay, West Greenland. <i>Harmful Algae</i> , 2021 , 103, 101978	5.3	0
6	Transfer of the Antarctic diatom Nitzschia barbieri (Bacillariophyta) to the genus Fragilariopsis and emended descriptions of F. barbieri comb. nov. and F. peragallii. <i>Polar Biology</i> , 2021 , 44, 421-431	2	0

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| 5 | Impacts of ocean acidification on growth and toxin content of the marine diatoms <i>Pseudo-nitzschia australis</i> and <i>P. fraudulenta</i> . <i>Marine Environmental Research</i> , 2021 , 169, 105380 | 3.3 | o |
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| 1 | Phytoflagellate diversity in Roskilde Fjord (Denmark), including the description of <i>Pyramimonas octopora</i> sp. nov. (Pyramimonadales, Chlorophyta). <i>Phycologia</i> , 2022 , 61, 45-59 | 2.7 | |