

# Carlos Eduardo Wetzel

## List of Publications by Year in descending order

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142  
papers

1,735  
citations

394421

19  
h-index

434195

31  
g-index

144  
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144  
docs citations

144  
times ranked

1368  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distance Decay of Similarity in Neotropical Diatom Communities. PLoS ONE, 2012, 7, e45071.	2.5	105
2	Morphology and identity of some ecologically important small <i>Nitzschia</i> species. Diatom Research, 2013, 28, 37-59.	1.2	94
3	Morphology, typification and critical analysis of some ecologically important small naviculoid species (Bacillariophyta). Fottea, 2015, 15, 203-234.	0.9	74
4	Diatoms as Bioindicators in Rivers. , 2016, , 245-271.		66
5	Diatom flora in subterranean ecosystems: a review. International Journal of Speleology, 2014, 43, 231-251.	1.0	48
6	On the potential for terrestrial diatom communities and diatom indices to identify anthropic disturbance in soils. Ecological Indicators, 2017, 75, 73-81.	6.3	44
7	DNA metabarcoding and microscopic analyses of sea turtles biofilms: Complementary to understand turtle behavior. PLoS ONE, 2018, 13, e0195770.	2.5	40
8	Development of the Trophic Water Quality Index (TWQI) for subtropical temperate Brazilian lotic systems. Environmental Monitoring and Assessment, 2015, 187, 354.	2.7	37
9	Hydrological connectivity inferred from diatom transport through the riparian-stream system. Hydrology and Earth System Sciences, 2015, 19, 3133-3151.	4.9	35
10	Analysis of the type of <i>Fragilaria construens</i> var. <i>subsalina</i> (Bacillariophyceae) and description of two morphologically related taxa from Europe and the United States. Phycologia, 2011, 50, 67-77.	1.4	31
11	A tracer to bridge the scales: on the value of diatoms for tracing fast flow path connectivity from headwaters to meso-scale catchments. Hydrological Processes, 2015, 29, 5275-5289.	2.6	31
12	<i>Tursiocola podocnemicola</i> sp. nov., a new epizoic freshwater diatom species from the Rio Negro in the Brazilian Amazon Basin. Diatom Research, 2012, 27, 1-8.	1.2	30
13	A standard method for the routine sampling of terrestrial diatom communities for soil quality assessment. Journal of Applied Phycology, 2018, 30, 1095-1113.	2.8	28
14	<i>Bicudoa amazonica</i> gen. nov. et sp. nov. (Bacillariophyta) – a new freshwater diatom from the Amazon basin with a complete raphe loss in the Eunotioid lineage. Phytotaxa, 2013, 75, .	0.3	27
15	Analysis of the type material of <i>Achnanthyrium lanceolatum</i> Br��bisson ex K��tzing (Bacillariophyta) with the description of two new <i>Planothidium</i> species from the Antarctic Region.. Fottea, 2013, 13, 105-117.	0.9	27
16	Colonial planktonic Eunotia (Bacillariophyceae) from Brazilian Amazon: Taxonomy and biogeographical considerations on the <i>E. asterionelloides</i> species complex. Nova Hedwigia, 2010, 91, 49-86.	0.4	25
17	Terrestrial diatoms as tracers in catchment hydrology: a review. Wiley Interdisciplinary Reviews: Water, 2017, 4, e1241.	6.5	25
18	Influence of thermal regime and land use on benthic invertebrate communities inhabiting headwater streams exposed to contrasted shading. Science of the Total Environment, 2015, 505, 1112-1126.	8.0	23

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19	Looking back, looking forward: a review of the new literature on diatom teratological forms (2010–2020). <i>Hydrobiologia</i> , 2021, 848, 1675-1753.	2.0	23
20	New epiphytic araphid diatoms in the genus <i>Ulnaria</i> (Bacillariophyta) from Lake Titicaca, Bolivia. <i>Diatom Research</i> , 2014, 29, 41-54.	1.2	22
21	Two new periphytic <i>Eunotia</i> species from the neotropical Amazonian “black waters”™, with a type analysis of <i>E. braunii</i> . <i>Diatom Research</i> , 2011, 26, 135-146.	1.2	21
22	New Combinations and Type Analysis of <i>Chamaepinnularia</i> Species (Bacillariophyceae) from Aerial Habitats. <i>Cryptogamie, Algologie</i> , 2013, 34, 149-168.	0.9	20
23	<i>Planothidium incuriatum</i> sp. nov. a widely distributed diatom species (Bacillariophyta) and type analysis of <i>Planothidium biporumum</i> . <i>Phytotaxa</i> , 2013, 138, 43.	0.3	19
24	Taxonomy, distribution and autecology of <i>Planothidium bagualensis</i> sp. nov. (Bacillariophyta) a common monoraphid species from southern Brazilian rivers. <i>Phytotaxa</i> , 2014, 156, 201.	0.3	18
25	<i>Sellaphora labernardierei</i> (Sellaphoraceae, Bacillariophyta), a new epilithic species from French spring and four new combinations within the genus <i>Sellaphora</i> . <i>Phytotaxa</i> , 2016, 260, 235.	0.3	18
26	Two new diatoms in the genus <i>Fragilaria</i> Lyngbye (Fragilariophyceae) from tropical reservoirs in Brazil and comparison with type material of <i>F. tenera</i> . <i>Phytotaxa</i> , 2016, 246, 163.	0.3	18
27	Taxonomy and Ecology of <i>Fragilaria microvaucheriae</i> sp. nov. and Comparison with the Type Materials of <i>F. uliginosa</i> and <i>F. vaucheriae</i> . <i>Cryptogamie, Algologie</i> , 2015, 36, 271-289.	0.9	17
28	Epilithic diatom assemblages and environmental quality of the Su Gologone karst spring (centraleastern Sardinia, Italy). <i>Acta Botanica Croatica</i> , 2016, 75, 129-143.	0.7	17
29	Diatom assemblages from different substrates of the Casteldoria thermo-mineral spring (Northern Tj ETQq1 1 0.784314 rgBJ/Overlock	1.4	17
30	Morphological studies on type material of widely cited araphid diatoms (Bacillariophyta). <i>Phycologia</i> , 2015, 54, 455-470.	1.4	16
31	Morphological reconsideration of the araphid genus <i>Pseudostaurosira</i> (Bacillariophyceae), a revision of <i>Gedaniella</i> , <i>Popovskayella</i> and <i>Serratifera</i> , and a description of a new <i>Nanofrustulum</i> species. <i>Plant Ecology and Evolution</i> , 2019, 152, 262-284.	0.7	16
32	<i>Nupela trogliphila</i> sp. nov., an aerophilous diatom (Bacillariophyta) from the Bossea cave (NW Italy), with notes on its ecology. <i>Fottea</i> , 2015, 15, 1-9.	0.9	16
33	Unraveling the Identity of <i>Fragilaria pinnata</i> Ehrenberg and <i>Staurosira pinnata</i> Ehrenberg: Research in Progress on a Convolved Story. <i>Cryptogamie, Algologie</i> , 2013, 34, 89-102.	0.9	15
34	Type analysis of <i>Cymbella schubartii</i> and two new <i>Encyonopsis</i> species (Bacillariophyceae) from southeastern Brazil. <i>Phytotaxa</i> , 2015, 221, 247.	0.3	15
35	Diatoms as a tracer of hydrological connectivity: are they supply limited?. <i>Ecohydrology</i> , 2016, 9, 631-645.	2.4	15
36	The effect of natural radioactivity on diatom communities in mineral springs. <i>Botany Letters</i> , 2020, 167, 95-113.	1.4	15

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37	Autecology of terrestrial diatoms under anthropic disturbance and across climate zones. <i>Ecological Indicators</i> , 2021, 122, 107248.	6.3	15
38	<i>Staurosirella acidophila</i> sp. nov., a New Araphid Diatom (Bacillariophyta) from Southeastern Brazil: Ultrastructure, Distribution and Autecology. <i>Cryptogamie, Algologie</i> , 2015, 36, 255-270.	0.9	14
39	Observation on <i>Achnanthes Bory sensu stricto</i> (Bacillariophyceae) from subaerial habitats in Macedonia and comparison with the type material of <i>A. coarctata</i> (Br��bisson ex W. Smith) Grunow, <i>A. coarctata</i> var. <i>sinaensis</i> Hustedt and <i>A. intermedia</i> K��tzing. <i>Fottea</i> , 2014, 14, 15-42.	0.9	14
40	Transfer of <i>Fragilaria atomus</i> Hust. to the genus <i>Stauroforma</i> (Bacillariophyta) based on observation of type and newly collected material. <i>Phytotaxa</i> , 2014, 158, 43.	0.3	13
41	Unexpected consequences of bombing. Community level response of epiphytic diatoms to environmental stress in a saline bomb crater pond area. <i>PLoS ONE</i> , 2018, 13, e0205343.	2.5	13
42	Type analysis of <i>Achnantheidium minutissimum</i> and <i>A. catenatum</i> and description of <i>A. tropicocatenatum</i> sp. nov. (Bacillariophyta), a common species in Brazilian reservoirs. <i>Plant Ecology and Evolution</i> , 2017, 150, 313-330.	0.7	13
43	Diversity, ecology and distribution of benthic diatoms in thermo-mineral springs in Auvergne (France) and Sardinia (Italy). <i>PeerJ</i> , 2019, 7, e7238.	2.0	13
44	Type analysis of the South American diatom <i>Achnanthes haynaldii</i> (Bacillariophyta) and description of <i>Planothidium amphibium</i> sp. nov., from aerial and aquatic environments in Oregon (USA). <i>Plant Ecology and Evolution</i> , 2014, 147, 439-454.	0.7	12
45	Current taxonomic studies on the diatom flora (Bacillariophyceae) of the Bolivian Altiplano, South America, with possible consequences for palaeoecological assessments. <i>Journal of Micropalaeontology</i> , 2014, 33, 121-129.	3.6	12
46	<i>Pseudostaurosira bardii</i> (Fragilariaceae, Bacillariophyta), a new species from a saline hydrothermal spring of the Massif Central (France). <i>Botany Letters</i> , 2019, 166, 3-13.	1.4	12
47	Mediterranean karst springs: diatom biodiversity hotspots under the pressure of hydrological fluctuation and nutrient enrichment. <i>Plant Biosystems</i> , 2020, 154, 673-684.	1.6	12
48	On some common and new cavum-bearing <i>Planothidium</i> (Bacillariophyta) species from freshwater. <i>Fottea</i> , 2019, 19, 50-89.	0.9	12
49	New Species and Combinations in the Genus <i>Geissleria</i> (Bacillariophyceae). <i>Cryptogamie, Algologie</i> , 2013, 34, 117-148.	0.9	11
50	<i>Actinellopsis murphyi</i> gen. et spec. nov.: A new small celled freshwater diatom (Bacillariophyta). <i>Journal of Phycology</i> , 2010, 46, 101-107.	0.3	11
51	Replacement names for botanical taxa involving algal genera. <i>Phytotaxa</i> , 2016, 266, 195.	0.3	11
52	<i>Encyonema aquasedis</i> sp. nov. and <i>Kurtkrammeria salesopolensis</i> sp. nov.: two new freshwater diatom species (Cymbellales, Bacillariophyceae) from an oligotrophic reservoir in southeastern Brazil. <i>Phytotaxa</i> , 2016, 247, 62.	0.3	11
53	Temporal and spatial variability of terrestrial diatoms at the catchment scale: controls on communities. <i>PeerJ</i> , 2020, 8, e8296.	2.0	11
54	Temporal and spatial variability of terrestrial diatoms at the catchment scale: controls on productivity and comparison with other soil algae. <i>PeerJ</i> , 2020, 8, e9198.	2.0	11

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55	<i>PERINOTIA DIAMANTINA</i> SP. NOV., A NEW DIATOM SPECIES FROM THE CHAPADA DIAMANTINA, NORTHEASTERN BRAZIL. <i>Diatom Research</i> , 2009, 24, 79-100.	1.2	10
56	Transfer of <i>Staurosira grunowii</i> to <i>Staurosirella</i> . <i>Diatom Research</i> , 2014, 29, 105-110.	1.2	10
57	<i>Planothidium comperei</i> sp. nov. (Bacillariophyta), a new diatom species from Ivory Coast. <i>Plant Ecology and Evolution</i> , 2014, 147, 455-462.	0.7	10
58	On the identity of the rare <i>Fragilaria subconstricta</i> (Fragilariaceae), with <i>Fragilaria</i> species forming ribbon-like colonies shortly reconsidered. <i>Plant Ecology and Evolution</i> , 2019, 152, 327-339.	0.7	10
59	<i>Fragilariforma javanica</i> comb. nov.: analysis of type material of a widely reported species with a tropical distribution. <i>Diatom Research</i> , 2013, 28, 373-379.	1.2	9
60	<i>Planothidium lagerheimii</i> comb. nov. (Bacillariophyta, Achnanthes) a forgotten diatom from South America. <i>Phytotaxa</i> , 2014, 188, 261.	0.3	9
61	Freshwater <i>Mastogloia</i> (Bacillariophyceae) taxa from Macedonia, with a description of the epizoic <i>M. Asterijovskii</i> sp. nov.. <i>Diatom Research</i> , 2016, 31, 85-112.	1.2	9
62	<i>Achnantheidium neotropicum</i> sp. nov., a new freshwater diatom from Lake Apastepeque in El Salvador (Central America). <i>Phytotaxa</i> , 2018, 382, 89.	0.3	9
63	Ending a 175-year taxonomic uncertainty: Description of <i>Staurosirella neopinnata</i> sp. nov. (Bacillariophyta) to accommodate <i>Fragilaria pinnata</i> , a highly misconstrued taxon with a purported worldwide distribution. <i>Phytotaxa</i> , 2019, 402, 75.	0.3	9
64	<i>Eunotia enigmatica</i> sp. nov., a new planktonic diatom from Brazil and the transfer of <i>Fragilaria braunii</i> Hustedt to the genus <i>Peronia</i> (Bacillariophyceae). <i>Fottea</i> , 2017, 17, 103-113.	0.9	9
65	Analysis of the type material of <i>Planothidium delicatulum</i> (Bacillariophyta) with the description of two new <i>Planothidium</i> species from the sub-Antarctic Region. <i>Fottea</i> , 2018, 18, 200-211.	0.9	9
66	<i>Stenopterobia cataractarum</i> sp. nov. (Bacillariophyta), a new benthic diatom from a waterfall in Zambia, Africa. <i>Phytotaxa</i> , 2014, 158, 76.	0.3	8
67	Diatom percolation through soils: a proof of concept laboratory experiment. <i>Ecohydrology</i> , 2016, 9, 753-764.	2.4	8
68	Taxonomy and ecology of <i>Fragilaria billingsii</i> sp. nov. and analysis of type material of <i>Synedra rumpens</i> var. <i>fusa</i> (Fragilariaceae, Bacillariophyta) from Brazil. <i>Phytotaxa</i> , 2016, 270, 191.	0.3	8
69	<i>Nitzschia transtagensis</i> sp. nov. (Bacillariophyceae) from a spring in Southern Portugal. <i>Botany Letters</i> , 2020, 167, 32-41.	1.4	8
70	A new uncommon epilithic <i>Eunotia</i> (Bacillariophyceae, Eunotiaceae) from the Chapada Diamantina region, Northeast Brazil. <i>Phytotaxa</i> , 2014, 164, 161.	0.3	7
71	Study of the type material of <i>Navicula egregia</i> Hustedt and descriptions of two new aerial <i>Microcostatus</i> (Bacillariophyta) species from Central Europe. <i>Phytotaxa</i> , 2016, 280, 163.	0.3	7
72	<i>Nitzschia austriaca</i> Hustedt: a characteristic diatom of Hungarian inland saline waters including a morphological comparison with the type material. <i>Phytotaxa</i> , 2017, 308, 54.	0.3	7

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73	<i>Sellaphora davoutiana</i> sp. nov.: a new freshwater diatom species (Sellaphoraceae, Bacillariophyta) in lakes of Northeastern France. <i>Phytotaxa</i> , 2018, 346, 269.	0.3	7
74	<i>Sellaphora gologonica</i> sp. nov. (Bacillariophyta, Sellaphoraceae), a new diatom species from a Mediterranean karst spring (Sardinia, Italy). <i>Phytotaxa</i> , 2018, 356, 145.	0.3	7
75	Diversity of the genus <i>Genkalia</i> (Bacillariophyta) in boreal and mountain lakes - taxonomy, distribution and ecology.. <i>Fottea</i> , 2014, 14, 225-239.	0.9	7
76	Biogeography and morphology of a poorly known <i>Sellaphora</i> species. <i>Fottea</i> , 2017, 17, 57-64.	0.9	7
77	Revision of the needle-shaped <i>Fragilaria</i> species (Fragilariaceae, Bacillariophyta) in the Laurentian Great Lakes (United States of America, Canada). <i>Journal of Great Lakes Research</i> , 2022, 48, 999-1020.	1.9	7
78	Examination of aerial diatom flushing across watersheds in Luxembourg, Oregon and Slovakia for tracing episodic hydrological connectivity. <i>Journal of Hydrology and Hydromechanics</i> , 2015, 63, 235-245.	2.0	6
79	On the geographical distribution and ecology of <i>Pseudostaurosira cataractarum</i> (Bacillariophyceae): new findings in the Palearctic and Neotropic ecozones. <i>Revista Brasileira De Botanica</i> , 2015, 38, 809-821.	1.3	6
80	Periphytic diatoms of the Mediterranean karst spring Sa Vena (Su Gologone system, Sardinia, Italy): relationships with environmental variables and effects of an extreme flash flood. <i>Inland Waters</i> , 2018, 8, 284-293.	2.2	6
81	On the identity of <i>Navicula gottlandica</i> (Bacillariophyta), with the description of two new species <i>Navicula eileencoxiana</i> and <i>Navicula bergstromiana</i> from the Australo-Pacific region. <i>Plant Ecology and Evolution</i> , 2019, 152, 313-326.	0.7	6
82	Introduction : From diatom species identification to ecological and biotechnological applications. <i>Botany Letters</i> , 2020, 167, 2-6.	1.4	6
83	Brackish diatom species (Bacillariophyta) from rivers of Rhin-Meuse basin in France. <i>Botany Letters</i> , 2021, 168, 56-84.	1.4	6
84	Analysis of the <i>Fragilaria rumpens</i> complex (Fragilariaceae, Bacillariophyta) with the description of two new species. <i>Fottea</i> , 2022, 22, 93-121.	0.9	6
85	<i>Encyonema exuberans</i> sp. nov. (Bacillariophyceae) from southern Brazilian lotic systems. <i>Nova Hedwigia</i> , 2011, 92, 107-120.	0.4	5
86	<i>Pinnularia caprichosa</i> sp. nov.: a diatom from a black water Brazilian Amazon system. <i>Phytotaxa</i> , 2015, 239, 280.	0.3	5
87	Discovery of Living Populations of a Purported Fossil Diatom: <i>Aulacoseira scalaris</i> from Two Lakes in the Vosges Mountains (France). <i>Cryptogamie, Algologie</i> , 2015, 36, 357-368.	0.9	5
88	Two new <i>Platessa</i> (Bacillariophyceae) from Amazonia: <i>Platessa guianensis</i> spec. nov., and <i>P. itoupensis</i> spec. nov.. <i>Phytotaxa</i> , 2016, 267, 237.	0.3	5
89	<i>Eunotia amazonica</i> sp. nov. (Bacillariophyta), a common stalk-forming species from the Rio Negro basin (Brazilian Amazon). <i>European Journal of Phycology</i> , 2018, 53, 166-179.	2.0	5
90	Freshwater <i>Cocconeis</i> species (Bacillariophyceae) from Southeastern Brazil, and description of <i>C. amerieuglypta</i> sp. nov.. <i>Botany Letters</i> , 2020, 167, 15-31.	1.4	5

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91	Two new <i>Punctastriata</i> (Bacillariophyta) species from subalpine French lakes. <i>Botany Letters</i> , 2021, 168, 42-55.	1.4	5
92	<i>Pseudostaurosira crateri</i> sp. nov. (Fragilariaceae, Bacillariophyta), a new small araphid, fossil diatom species from the Pleistocene (Atlantic Forest, Brazil) & <i>Journal of Paleolimnology</i> 10 (2018) 697-704	1.4	5
93	<i>Burliganiellagen</i> . nov. (Bacillariophyta, Eunotiales): Another Case of Raphe Reduction Based on the Type Material of <i>Fragilaria solii</i> Hustedt. <i>Cryptogamie, Algologie</i> , 2018, 39, 255-265.	0.9	5
94	New species and combinations on <i>Fragilariforma</i> (Bacillariophyta) from tropical freshwater environments. <i>Fottea</i> , 2017, 17, 277-292.	0.9	5
95	<i>Mayamaea petersenii</i> sp. nov., a new diatom from European aerial habitats and a brief appraisal on the morphological diversity of the genus. <i>Algological Studies</i> (Stuttgart, Germany: 2007), 2017, 153, 71-87.	0.4	5
96	Revision of European <i>Brachysira</i> species (Brachysiraceae, Bacillariophyta): I. The <i>Brachysira microcephala</i> - <i>B. neoexilis</i> enigma. <i>Botany Letters</i> , 2021, 168, 467-484.	1.4	5
97	On the identity of <i>Chamaepinnularia thermophila</i> comb. nov. (Bacillariophyceae) from a Neotropical thermal spring. <i>Phytotaxa</i> , 2016, 260, 95.	0.3	4
98	<i>Encyonema bonapartei</i> sp. nov.: a new freshwater diatom species (Cymbellales, Bacillariophyceae) in canals of Great East region (France). <i>Phytotaxa</i> , 2016, 284, 273.	0.3	4
99	Morphology and distribution of <i>Brevilinea kevei</i> sp. nov. (Bacillariophyceae), a new diatom from Europe. <i>Phytotaxa</i> , 2016, 284, 24.	0.3	4
100	Diatom assemblages (Bacillariophyta) in six tropical reservoirs from southeast Brazil: species composition and spatial and temporal variation patterns. <i>Acta Limnologica Brasiliensia</i> , 2018, 30, .	0.4	4
101	<i>Cocconeis rouxii</i> HÅ©ribaud & Brun a forgotten, but common benthic diatom species from the Massif Central, France. <i>Botany Letters</i> , 2019, 166, 221-233.	1.4	4
102	Investigations of the type materials of <i>Achnanthes parallela</i> J.R.Carter and <i>Achnanthes petersenii</i> Hustedt (Bacillariophyceae) with comments on the genus <i>Rossethidium</i> Round & Bukhtiyarova. <i>Botany Letters</i> , 2020, 167, 57-69.	1.4	4
103	Analysis of some species resembling <i>Fragilaria capucina</i> (Fragilariaceae, Bacillariophyta). <i>Fottea</i> , 2021, 21, 128-151.	0.9	4
104	Analysis of the type material of <i>Achnanthes minutissima</i> var. <i>macrocephala</i> (Bacillariophyta) and description of two new small capitate <i>Achnantheidium</i> species from Europe and the Himalaya. <i>Plant Ecology and Evolution</i> , 2019, 152, 340-350.	0.7	4
105	Morphology and distribution of <i>Encyonema angustecapitatum</i> Krammer species complex (Bacillariophyceae) with description of four new species from SÅ£o Paulo, southeast Brazil. <i>Fottea</i> , 2017, 17, 164-177.	0.9	4
106	A New <i>Psammothidium</i> Species (Bacillariophyta, Achnanthidiaceae) from Cimera Lake (Gredos Mountain) <i>Journal of Paleolimnology</i> 10 (2018) 697-704	0.9	4
107	Examination of original material for <i>Navicula nigri</i> De Notaris with some notes on the <i>Erbario Crittogamico Italiano</i> (1858-1885). <i>Diatom Research</i> , 2018, 33, 89-96.	1.2	3
108	<i>Craticula widouensis</i> , a new diatom (Bacillariophyta) species of a Sahelian temporary pond (North) <i>Journal of Paleolimnology</i> 10 (2018) 697-704	1.4	3

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109	<i>Chamaepinnularia thermophila</i> (Bacillariophyceae): synonymy with <i>Navicula tongatensis</i> Hustedt and update of its geographic distribution and ecology. <i>Oceanological and Hydrobiological Studies</i> , 2019, 48, 105-115.	0.7	3
110	Temporal Evolution of Diatoms in a Temporary Pond Situated in the Massif du Sancy Mountains (Massif Central, France) and Description of a New Pinnularia Species. <i>Diversity</i> , 2020, 12, 367.	1.7	3
111	<i>Fragilaria subrecapitellata</i> (Fragilariaceae, Bacillariophyta), a new diatom species from Switzerland. <i>Diatom Research</i> , 2021, 36, 119-131.	1.2	3
112	<i>Planothidium scrobiculatum</i> sp. nov. (Bacillariophyta), a new monoraphid diatom from freshwater Pleistocene deposits of South America. <i>Fottea</i> , 2021, 21, 53-61.	0.9	3
113	<i>Fragilaria drouotiana</i> sp. nov.: a new epiphytic freshwater diatom species (Fragilariaceae, Bacillariophyta). <i>Phytotaxa</i> , 2021, 497, 1-13.	0.4	3
114	<i>Gomphonema frequentiformis</i> (Metzeltin & Krammer) comb. nov. (Bacillariophyta): ecology and taxonomy of a Neotropical diatom. <i>Phytotaxa</i> , 2020, 439, 265-275.	0.3	3
115	A re-description of <i>Fragilaria fonticola</i> Hustedt and its varieties, with three new combinations and one new species from India. <i>Phytotaxa</i> , 2020, 453, 179-198.	0.3	3
116	Two new <i>Gomphonema</i> Ehrenberg (Bacillariophyceae) species from Macedonia and comparison with type material of <i>G. brebissonii</i> K&#228;tzing.. <i>Fottea</i> , 2014, 14, 149-160.	0.9	3
117	The substrate, a key factor or not, to explain the species diversity of diatom communities in mineral springs. <i>Botany Letters</i> , 2022, 169, 155-165.	1.4	3
118	Environmental factors structuring diatom assemblages in thermo-mineral springs of Sardinia, Italy. <i>Freshwater Science</i> , 2022, 41, 45-61.	1.8	3
119	<i>Fontina</i> Gen. nov. (Bacillariophyta): a new diatom genus from a thermo-mineral spring of the French Massif Central (France). <i>Diatom Research</i> , 2022, 37, 51-61.	1.2	3
120	<i>Pseudopodosira boltovskoyi</i> sp. nov. (Pseudopodosiraceae, Bacillariophyta) from coastal waters of Argentina. <i>Phycologia</i> , 2017, 56, 239-252.	1.4	2
121	Two sub-Antarctic and Northern Europe distributed diatom species found in a middle-mountain lake in France. <i>Botany Letters</i> , 2019, 166, 212-220.	1.4	2
122	Description of a new <i>Pseudostaurosira</i> based on <i>Fragilaria virescens</i> f. <i>parva</i> from Erbario Crittogamico Italiano. <i>Botany Letters</i> , 2020, 167, 86-94.	1.4	2
123	A polyphasic approach to the study of the genus <i>Nitzschia</i> (Bacillariophyta): three new planktonic species from the Adriatic Sea. <i>Journal of Phycology</i> , 2021, 57, 143-159.	2.3	2
124	Three new needle-shaped <i>Fragilaria</i> species from Central America and the Tibetan Plateau. <i>Phytotaxa</i> , 2021, 479, 1-22.	0.3	2
125	Diat.barcode: a DNA tool to decipher diatom communities for the evaluation environmental pressures. <i>ARPHA Conference Abstracts</i> , 0, 4, .	0.0	2
126	<i>Sellaphora pelagonica</i> (Bacillariophyceae), a new species from dystrophic ponds in the Republic of North Macedonia. <i>Phytotaxa</i> , 2021, 496, 121-133.	0.3	2



#	ARTICLE	IF	CITATIONS
127	Technical note: A time-integrated sediment trap to sample diatoms for hydrological tracing. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 4709-4725.	4.9	2
128	Revision of European <i>Brachysira</i> species (Brachysiraceae, Bacillariophyta): II. The <i>Brachysira styriaca</i> and <i>B. zellensis</i> group. <i>Botany Letters</i> , 2021, 168, 485-502.	1.4	2
129	<i>Chamaepinnularia salina</i> (Bacillariophyta), a new diatom species from French mineral springs (Massif Tj ETQq1 1 0.784314 rgBT /Over	0.3	2
130	<i>Gomphosphenia vallei</i> (Bacillariophyta), a new diatom species from a stream in the "Réserve Naturelle Nationale de la Vallée de Chaudefour", Massif Central (France). <i>Phytotaxa</i> , 2022, 542, .	0.3	2
131	New combinations and typification of Neotropical <i>Cosmioneis</i> species (Cosmioneidaceae). <i>Diatom Research</i> , 2017, 32, 229-240.	1.2	1
132	<i>Sellaphora tropicomadida</i> sp. nov., a new freshwater diatom species (Bacillariophyta) from a tropical Brazilian reservoir. <i>Revista Brasileira De Botanica</i> , 2017, 40, 1051-1062.	1.3	1
133	<i>Achnanthes Bory Sensu Stricto</i> (Bacillariophyta) from Terrestrial Habitats of Rio de Janeiro (Brazil), with Description of <i>Achnanthes pseudoinflata</i> sp. nov.. <i>Diversity</i> , 2020, 12, 375.	1.7	1
134	Analysis of type material of <i>Opephora pacifica</i> and emendation of the genus <i>Opephora</i> (Bacillariophyta). <i>Botanica Marina</i> , 2021, 64, 55-69.	1.2	1
135	<i>Planothidium manganaiensis</i> sp. nov. (Bacillariophyta), a new cavum-bearing species from a karst spring in south-western Sardinia (Italy). <i>Phytotaxa</i> , 2021, 489, 140-154.	0.3	1
136	<i>Staurosirella paranaensis</i> sp. nov., a new epiphytic freshwater diatom (Bacillariophyceae) from the Paraná River floodplain, Brazil, South America. <i>Phytotaxa</i> , 2021, 480, 163-173.	0.3	1
137	A new <i>Planothidium</i> species (Achnanthesiaceae, Bacillariophyceae) from Xingu River, Amazon River basin, Brazil. <i>Phytotaxa</i> , 2020, 477, 194-204.	0.3	1
138	Revision of European <i>Brachysira</i> species (Brachysiraceae, Bacillariophyta): III. Species formerly included in the <i>Brachysira serians</i> -complex. <i>Botany Letters</i> , 0, , 1-23.	1.4	1
139	New and poorly known "raphid" diatom species (Bacillariophyta) from regions near Lake Titicaca, South America and a discussion on the continued use of morphological characters in "raphid" diatom taxonomy. <i>PhytoKeys</i> , 2021, 187, 23-70.	1.0	1
140	(25) Request for a binding decision on whether <i>Geisleria</i> Nitschke (Ascomycota) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	0.7	0
141	Cover Image, Volume 4, Issue 6. <i>Wiley Interdisciplinary Reviews: Water</i> , 2017, 4, e1263.	6.5	0
142	A New <i>Nitzschia</i> Hassall Species (Bacillariaceae, Bacillariophyta) from Saline Ponds in Serbia. <i>Cryptogamie, Algologie</i> , 2022, 43, .	0.9	0