

Carlos Eduardo Wetzel

List of Publications by Year in descending order

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142
papers

1,735
citations

394421

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h-index

434195

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all docs

144
docs citations

144
times ranked

1368
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Environmental factors structuring diatom assemblages in thermo-mineral springs of Sardinia, Italy. <i>Freshwater Science</i> , 2022, 41, 45-61.	1.8	3
3	<i>Chamaepinnularia salina</i> (Bacillariophyta), a new diatom species from French mineral springs (Massif Tj ETQq1 1 0.784314 rgBT /Overl	0.3	2
4	<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
5	A New <i>Nitzschia</i> Hassall Species (Bacillariaceae, Bacillariophyta) from Saline Ponds in Serbia. <i>Cryptogamie, Algologie</i> , 2022, 43, .	0.9	0
6	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
7	<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
8	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
9	Brackish diatom species (Bacillariophyta) from rivers of Rhin-Meuse basin in France. <i>Botany Letters</i> , 2021, 168, 56-84.	1.4	6
10	Two new <i>Punctastriata</i> (Bacillariophyta) species from subalpine French lakes. <i>Botany Letters</i> , 2021, 168, 42-55.	1.4	5
11	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
12	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
13	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
14	Autecology of terrestrial diatoms under anthropic disturbance and across climate zones. <i>Ecological Indicators</i> , 2021, 122, 107248.	6.3	15
15	<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
16	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
17	<i>Pseudostaurosira crateri</i> sp. nov. (Fragilariaceae, Bacillariophyta), a new small araphid, fossil diatom species from the Pleistocene (Atlantic Forest, Tj ETQq1 1 0.784314 rgBT /Overl	0.3	10
18	<i>Fragilaria subrecapitellata</i> (Fragilariaceae, Bacillariophyta), a new diatom species from Switzerland. <i>Diatom Research</i> , 2021, 36, 119-131.	1.2	3

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19	<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
20	<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
21	Analysis of some species resembling <i>Fragilaria capucina</i> (Fragilariaceae, Bacillariophyta). <i>Fottea</i> , 2021, 21, 128-151.	0.9	4
22	<i>Stausosirella paranaensis</i> sp. nov., a new epiphytic freshwater diatom (Bacillariophyceae) from the Paran River floodplain, Brazil, South America. <i>Phytotaxa</i> , 2021, 480, 163-173.	0.3	1
23	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
24	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
25	New and poorly known <i>araphid</i> diatom species (Bacillariophyta) from regions near Lake Titicaca, South America and a discussion on the continued use of morphological characters in <i>araphid</i> diatom taxonomy. <i>PhytoKeys</i> , 2021, 187, 23-70.	1.0	1
26	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
27	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
28	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>Rossithidium</i> Round & Bukhtiyarova. <i>Botany Letters</i> , 2020, 167, 57-69.	1.4	4
29	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
30	<i>Nitzschia transtagensis</i> sp. nov. (Bacillariophyceae) from a spring in Southern Portugal. <i>Botany Letters</i> , 2020, 167, 32-41.	1.4	8
31	The effect of natural radioactivity on diatom communities in mineral springs. <i>Botany Letters</i> , 2020, 167, 95-113.	1.4	15
32	Temporal Evolution of Diatoms in a Temporary Pond Situated in the Massif du Sancy Mountains (Massif Central, France) and Description of a New <i>Pinnularia</i> Species. <i>Diversity</i> , 2020, 12, 367.	1.7	3
33	<i>Achnanthes</i> Bory Sensu Stricto (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
34	Introduction : From diatom species identification to ecological and biotechnological applications. <i>Botany Letters</i> , 2020, 167, 2-6.	1.4	6
35	<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
36	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

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37	Temporal and spatial variability of terrestrial diatoms at the catchment scale: controls on communities. PeerJ, 2020, 8, e8296.	2.0	11
38	Temporal and spatial variability of terrestrial diatoms at the catchment scale: controls on productivity and comparison with other soil algae. PeerJ, 2020, 8, e9198.	2.0	11
39	<p>A new Planothidium species (Achnanthidiaceae, Bacillariophyceae) from Xingu Ria, Amazon River basin, Brazil</p>. Phytotaxa, 2020, 477, 194-204.	0.3	1
40	Technical note: A time-integrated sediment trap to sample diatoms for hydrological tracing. Hydrology and Earth System Sciences, 2020, 24, 4709-4725.	4.9	2
41	<i>Pseudostaurosira bardii</i> (Fragilariaceae, Bacillariophyta), a new species from a saline hydrothermal spring of the Massif Central (France). Botany Letters, 2019, 166, 3-13.	1.4	12
42	Diatom assemblages from different substrates of the Casteldoria thermo-mineral spring (Northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.4	17
43	Craticula widouensis, a new diatom (Bacillariophyta) species of a Sahelian temporary pond (North) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	3
44	Ending a 175-year taxonomic uncertainty: Description of Staurosirella neopinnata sp. nov. (Bacillariophyta) to accommodate Fragilaria pinnata, a highly misconstrued taxon with a purported worldwide distribution. Phytotaxa, 2019, 402, 75.	0.3	9
45	<i>Chamaepinnularia thermophila</i> (Bacillariophyceae): synonymy with <i>Navicula tongatensis</i> Hustedt and update of its geographic distribution and ecology. Oceanological and Hydrobiological Studies, 2019, 48, 105-115.	0.7	3
46	Two sub-Antarctic and Northern Europe distributed diatom species found in a middle-mountain lake in France. Botany Letters, 2019, 166, 212-220.	1.4	2
47	<i>Cocconeis rouxii</i> HÄ©ribaud & Brun a forgotten, but common benthic diatom species from the Massif Central, France. Botany Letters, 2019, 166, 221-233.	1.4	4
48	On the identity of Navicula gottlandica (Bacillariophyta), with the description of two new species Navicula eileencoxiana and Navicula bergstromiana from the Australo-Pacific region. Plant Ecology and Evolution, 2019, 152, 313-326.	0.7	6
49	Morphological reconsideration of the araphid genus Pseudostaurosira (Bacillariophyceae), a revision of Gedaniella, Popovskayella and Serratifera, and a description of a new Nanofrustulum species. Plant Ecology and Evolution, 2019, 152, 262-284.	0.7	16
50	Fragilaria drouotiana sp. nov.: a new epiphytic freshwater diatom species (Fragilariaceae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (155, 1-13.	0.4	3
51	On the identity of the rare Fragilaria subconstricta (Fragilariaceae), with Fragilaria species forming ribbon-like colonies shortly reconsidered. Plant Ecology and Evolution, 2019, 152, 327-339.	0.7	10
52	Analysis of the type material of Achnanthes minutissima var. macrocephala (Bacillariophyta) and description of two new small capitate Achnanthidium species from Europe and the Himalaya. Plant Ecology and Evolution, 2019, 152, 340-350.	0.7	4
53	On some common and new cavum-bearing Planothidium (Bacillariophyta) species from freshwater. Fottea, 2019, 19, 50-89.	0.9	12
54	Diversity, ecology and distribution of benthic diatoms in thermo-mineral springs in Auvergne (France) and Sardinia (Italy). PeerJ, 2019, 7, e7238.	2.0	13

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55	<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
56	A standard method for the routine sampling of terrestrial diatom communities for soil quality assessment. <i>Journal of Applied Phycology</i> , 2018, 30, 1095-1113.	2.8	28
57	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
58	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
59	<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
60	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
61	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
62	DNA metabarcoding and microscopic analyses of sea turtles biofilms: Complementary to understand turtle behavior. <i>PLoS ONE</i> , 2018, 13, e0195770.	2.5	40
63	<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
64	<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
65	Analysis of the type material of <i>Planothidium delicatum</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>Burliganiellagen</i> . nov. (Bacillariophyta, Eunotiales): Another Case of Raphe Reduction Based on the Type Material of <i>Fragilaria siolii</i> Hustedt. <i>Cryptogamie, Algologie</i> , 2018, 39, 255-265.	0.9	5
67	<i>Pseudopodosira boltovskoyi</i> sp. nov. (Pseudopodosiraceae, Bacillariophyta) from coastal waters of Argentina. <i>Phycologia</i> , 2017, 56, 239-252.	1.4	2
68	New combinations and typification of Neotropical <i>Cosmioneis</i> species (Cosmioneidaceae). <i>Diatom Research</i> , 2017, 32, 229-240.	1.2	1
69	On the potential for terrestrial diatom communities and diatom indices to identify anthropic disturbance in soils. <i>Ecological Indicators</i> , 2017, 75, 73-81.	6.3	44
70	<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
71	<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
72	Cover Image, Volume 4, Issue 6. <i>Wiley Interdisciplinary Reviews: Water</i> , 2017, 4, e1263.	6.5	0

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73	Terrestrial diatoms as tracers in catchment hydrology: a review. <i>Wiley Interdisciplinary Reviews: Water</i> , 2017, 4, e1241.	6.5	25
74	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
75	Biogeography and morphology of a poorly known <i>Sellaphora</i> species. <i>Fottea</i> , 2017, 17, 57-64.	0.9	7
76	<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
77	Morphology and distribution of <i>Encyonema angustecapitatum</i> Krammer species complex (Bacillariophyceae) with description of four new species from São Paulo, southeast Brazil. <i>Fottea</i> , 2017, 17, 164-177.	0.9	4
78	A New <i>Psammothidium</i> Species (Bacillariophyta, Achnanthidiaceae) from Cimera Lake (Gredos Mountain) Tj ETQq0 0,0 rgBT /Overlock 10	0.9	4
79	New species and combinations on <i>Fragilariforma</i> (Bacillariophyta) from tropical freshwater environments. <i>Fottea</i> , 2017, 17, 277-292.	0.9	5
80	<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 (Stuttgart, Germany: 2007)</i> , 2017, 153, 71-87.	0.4	5
81	Diatom percolation through soils: a proof of concept laboratory experiment. <i>Ecohydrology</i> , 2016, 9, 753-764.	2.4	8
82	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
83	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
84	<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
85	Replacement names for botanical taxa involving algal genera. <i>Phytotaxa</i> , 2016, 266, 195.	0.3	11
86	<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
87	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
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	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
90	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

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91	<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
92	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
93	Diatoms as Bioindicators in Rivers. , 2016, , 245-271.		66
94	Diatoms as a tracer of hydrological connectivity: are they supply limited?. <i>Ecohydrology</i> , 2016, 9, 631-645.	2.4	15
95	Epilithic diatom assemblages and environmental quality of the Su Cologone karst spring (centraleastern Sardinia, Italy). <i>Acta Botanica Croatica</i> , 2016, 75, 129-143.	0.7	17
96	<i>Pinnularia caprichosa</i> sp. nov.: a diatom from a black water Brazilian Amazon system. <i>Phytotaxa</i> , 2015, 239, 280.	0.3	5
97	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
98	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
99	A tracer to bridge the scales: on the value of diatoms for tracing fast flow path connectivity from headwaters to meso-scale catchments. <i>Hydrological Processes</i> , 2015, 29, 5275-5289.	2.6	31
100	(25) Request for a binding decision on whether <i>Geisleria</i> Nitschke (Ascomycota) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	0.7	0
101	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
102	<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
103	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
104	Hydrological connectivity inferred from diatom transport through the riparian-stream system. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 3133-3151.	4.9	35
105	On the geographical distribution and ecology of <i>Pseudostaurosira cataractarum</i> (Bacillariophyceae): new findings in the Palearctic and Neotropical ecozones. <i>Revista Brasileira De Botanica</i> , 2015, 38, 809-821.	1.3	6
106	Influence of thermal regime and land use on benthic invertebrate communities inhabiting headwater streams exposed to contrasted shading. <i>Science of the Total Environment</i> , 2015, 505, 1112-1126.	8.0	23
107	Development of the Trophic Water Quality Index (TWQI) for subtropical temperate Brazilian lotic systems. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 354.	2.7	37
108	Morphological studies on type material of widely cited araphid diatoms (Bacillariophyta). <i>Phycologia</i> , 2015, 54, 455-470.	1.4	16

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109	<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
110	Morphology, typification and critical analysis of some ecologically important small naviculoid species (Bacillariophyta). <i>Fottea</i> , 2015, 15, 203-234.	0.9	74
111	Transfer of <i>Stausira grunowii</i> to <i>Stausirella</i> . <i>Diatom Research</i> , 2014, 29, 105-110.	1.2	10
112	Diatom flora in subterranean ecosystems: a review. <i>International Journal of Speleology</i> , 2014, 43, 231-251.	1.0	48
113	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
114	<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
115	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
116	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
117	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
118	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
119	<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
120	<i>Actinellopsis murphyi</i> gen. et spec. nov.: A new small celled freshwater diatom (Bacillariophyta). <i>Journal of Phycology</i> , 2014, 50, 30-31.	0.3	11
121	<i>Planothidium lagerheimii</i> comb. nov. (Bacillariophyta, Achnanthesales) a forgotten diatom from South America. <i>Phytotaxa</i> , 2014, 188, 261.	0.3	9
122	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
123	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, A. <i>coarctata</i> var. <i>sinaensis</i> Hustedt and <i>A. intermedia</i> K��tzing. <i>Fottea</i> , 2014, 14, 15-42.	0.9	14
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125	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
126	Unraveling the Identity of <i>Fragilaria pinnata</i> Ehrenberg and <i>Stausira pinnata</i> Ehrenberg: Research in Progress on a Convolved Story. <i>Cryptogamie, Algologie</i> , 2013, 34, 89-102.	0.9	15

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127	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
128	New Species and Combinations in the Genus <i>Geissleria</i> (Bacillariophyceae). <i>Cryptogamie, Algologie</i> , 2013, 34, 117-148.	0.9	11
129	Morphology and identity of some ecologically important small <i>Nitzschia</i> species. <i>Diatom Research</i> , 2013, 28, 37-59.	1.2	94
130	<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
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132	<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. <i>Phytotaxa</i> , 2013, 75, .	0.3	27
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134	Distance Decay of Similarity in Neotropical Diatom Communities. <i>PLoS ONE</i> , 2012, 7, e45071.	2.5	105
135	<i>Tursiocola podocnemicola</i> sp. nov., a new epizoic freshwater diatom species from the Rio Negro in the Brazilian Amazon Basin. <i>Diatom Research</i> , 2012, 27, 1-8.	1.2	30
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137	<i>Encyonema exuberans</i> sp. nov. (Bacillariophyceae) from southern Brazilian lotic systems. <i>Nova Hedwigia</i> , 2011, 92, 107-120.	0.4	5
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141	Diat.barcode: a DNA tool to decipher diatom communities for the evaluation environmental pressures. <i>ARPHA Conference Abstracts</i> , 0, 4, .	0.0	2
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