

Andrzej Witkowski

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	What Was Old Is New Again: The Pennate Diatom <i>Haslea ostrearia</i> (Gaillon) Simonsen in the Multi-Omic Age. <i>Marine Drugs</i> , 2022, 20, 234.	4.6	5
2	Diversity of the genus <i>Orthoseira</i> Thwaites (Bacillariophyceae) from Southeast Asia and Rapa Nui Island with descriptions of four new taxa. <i>Diatom Research</i> , 2022, 37, 1-16.	1.2	5
3	Lipid Constituents of Diatoms (Halamphora) as Components for Production of Lipid Nanoparticles. <i>Pharmaceutics</i> , 2022, 14, 1171.	4.5	3
4	Ripe for reassessment: A synthesis of available molecular data for the speciose diatom family Bacillariaceae. <i>Molecular Phylogenetics and Evolution</i> , 2021, 158, 106985.	2.7	34
5	trans-3-Methylglutaconyl CoA isomerization-dependent protein acylation. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 261-265.	2.1	5
6	Morphological and molecular identification reveals that waters from an isolated oasis in Tamanrasset (extreme South of Algerian Sahara) are colonized by opportunistic and pollution-tolerant diatom species. <i>Ecological Indicators</i> , 2021, 121, 107104.	6.3	9
7	A diatom-based Holocene record of sedimentary and oceanographic environmental changes within the Beibu Gulf, NW South China Sea. <i>Marine Geology</i> , 2021, 432, 106395.	2.1	3
8	A gene-rich and compact chloroplast genome of the green alga <i>Nephroselmis pyriformis</i> (N.Carter) Ettl 1982 from the shores of Mersin (Eastern Mediterranean Sea). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 308-310.	0.4	1
9	<i>Cocconeis tsara</i> sp. nov., <i>C. santandrea</i> sp. nov. and allied taxa pertaining to the new section <i>Loculatae</i> . <i>Phytotaxa</i> , 2021, 484, 145-169.	0.3	1
10	<i>Cocconeis vaiamanuensis</i> sp. nov. (Bacillariophyceae) from Raivavae (South Pacific) and allied taxa: ultrastructural specificities and remarks about the polyphyletic genus <i>Cocconeis</i> Ehrenberg. <i>Marine Biodiversity</i> , 2021, 51, 1.	1.0	2
11	Paleo-ecological changes and sedimentary evolution of the Hainan Delta, NW South China Sea. <i>Journal of Asian Earth Sciences</i> , 2021, 209, 104685.	2.3	2
12	<i>Haslea silbo</i> , A Novel Cosmopolitan Species of Blue Diatoms. <i>Biology</i> , 2021, 10, 328.	2.8	12
13	Diatom Biosilica Doped with Palladium(II) Chloride Nanoparticles as New Efficient Photocatalysts for Methyl Orange Degradation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6734.	4.1	19
14	Extreme Enlargement of the Inverted Repeat Region in the Plastid Genomes of Diatoms from the Genus <i>Climaconeis</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 7155.	4.1	8
15	Multigene phylogenetic data place monoraphid diatoms <i>Schizostauron</i> and <i>Astartiella</i> along with other <i>fistulata</i> -bearing genera in the Stauroneidaceae 1. <i>Journal of Phycology</i> , 2021, 57, 1472-1491.	2.3	5
16	Complete chloroplast genome of the mixotrophic chrysophyte <i>Poterioochromonas malhamensis</i> (Ochromonadales, Synurophyceae) from Van Lake in Eastern Anatolia. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 2719-2721.	0.4	1
17	New <i>Amphicocconeis</i> (Bacillariophyta) from Raivavae and Tahiti Islands (South Pacific) and Porto Belo (Brazil), with re-examination of <i>Psammococconeis</i> . <i>Phytotaxa</i> , 2021, 513, .	0.3	0
18	Novel Diatoms (Bacillariophyta) from tropical and temperate marine littoral habitats with the description of <i>Catenulopsis</i> gen. nov., and two <i>Catenula</i> species. <i>Diatom Research</i> , 2021, 36, 265-280.	1.2	4

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19	Mitochondrial and Plastid Genomes of the Monoraphid Diatom <i>Schizostauron trachyderma</i> . International Journal of Molecular Sciences, 2021, 22, 11139.	4.1	5
20	Diatom Mediated Production of Fluorescent Flower Shaped Silver-Silica Nanohybrid. Materials, 2021, 14, 7284.	2.9	6
21	Marine diatom assemblages of the Nosy Be Island coasts, NW Madagascar: species composition and biodiversity using molecular and morphological taxonomy. Systematics and Biodiversity, 2020, 18, 161-180.	1.2	8
22	A hybrid biomaterial of biosilica and C-phycoerythrin for enhanced photodynamic effect towards tumor cells. Biochemical and Biophysical Research Communications, 2020, 533, 573-579.	2.1	11
23	Marine diatom response to oceanographic and climatic changes in the NW South China Sea since the penultimate glacial interval. Journal of Asian Earth Sciences, 2020, 204, 104553.	2.3	4
24	Austral winter marine epilithic diatoms: Community composition and distribution on intertidal rocky substrate around the coast of South Africa. Estuarine, Coastal and Shelf Science, 2020, 242, 106837.	2.1	5
25	Outsourcing Diatoms in Fabrication of Metal-Doped 3D Biosilica. Materials, 2020, 13, 2576.	2.9	13
26	Exploring Diversity, Taxonomy and Phylogeny of Diatoms (Bacillariophyta) from Marine Habitats. Novel Taxa with Internal Costae. Protist, 2020, 171, 125713.	1.5	11
27	Morphology, phylogeny, and molecular dating in Plagiogrammaceae family focused on Plagiogramma-Dimeregramma complex (Urneidophycidae, Bacillariophyceae). Molecular Phylogenetics and Evolution, 2020, 148, 106808.	2.7	2
28	The Taxonomy and Diversity of <i>Proschkinia</i> (Bacillariophyta), A Common But Enigmatic Genus from Marine Coasts. Journal of Phycology, 2020, 56, 953-978.	2.3	5
29	<i>Navicula dermochelycola</i> sp. nov., presumably an exclusively epizoic diatom on sea turtles <i>Dermochelys coriacea</i> and <i>Lepidochelys olivacea</i> from French Guiana. Oceanological and Hydrobiological Studies, 2020, 49, 132-139.	0.7	6
30	Majewskaea gen. nov. (Bacillariophyta), a new marine benthic diatom genus from the Adriatic Sea. Fottea, 2020, 20, 112-120.	0.9	5
31	Biodiversity of carapace epibiont diatoms in loggerhead sea turtles (<i>Caretta caretta</i> Linnaeus) Tj ETQq1 1 0.784314 rgBT /Over	2.0	8
32	<i>Navicula fontana</i> sp. nov., a new freshwater diatom from a limnocrenic spring in Central Poland. Phytotaxa, 2020, 452, 155-164.	0.3	2
33	Morphology and molecular phylogeny of <i>Gomphonemopsis sieminskae</i> sp. nov. isolated from brackish waters of the East China Sea coast. Plant and Fungal Systematics, 2019, 64, 17-24.	0.5	1
34	Discovery of a kleptoplastic "dinotom" dinoflagellate and the unique nuclear dynamics of converting kleptoplastids to permanent plastids. Scientific Reports, 2019, 9, 10474.	3.3	25
35	Complete chloroplast genome of the tiny marine diatom <i>Nanofrustulum shiloi</i> (Bacillariophyta) from the Adriatic Sea. Mitochondrial DNA Part B: Resources, 2019, 4, 3374-3376.	0.4	5
36	<i>Cocconeis nosybetiana</i> sp. nov. from Nosy Be Island (Madagascar) and allied taxa. Nova Hedwigia, 2019, 108, 321-338.	0.4	2

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37	<i>Cocconeis carinata</i> sp. nov. (Bacillariophyceae) and re-examination of <i>Cocconeis orbicularis</i> Frenguelli & H.A.Orlando and <i>Cocconeis reticulata</i> var. <i>deceptionis</i> Frenguelli & H.A.Orlando. <i>Diatom Research</i> , 2019, 34, 149-163.	1.2	2
38	<i>Cocconeis scutellum</i> var. <i>ornata</i> Grunow and <i>C. interrupta</i> Grunow from the historical Grunow collection in Vienna (sample 131). <i>Phytotaxa</i> , 2019, 408, 41-58.	0.3	0
39	Complete chloroplast genome of the diatom <i>Skeletonema pseudocostatum</i> from the Western Mediterranean coast of Algeria. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 1091-1092.	0.4	2
40	Complete mitogenome of a Baltic Sea specimen of the non-indigenous polychaete <i>Marenzelleria neglecta</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 581-582.	0.4	2
41	Complete mitogenome of the giant invasive hammerhead flatworm <i>Bipalium kewense</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 1343-1344.	0.4	10
42	The biogeography and ecology of common diatom species in the northern North Atlantic, and their implications for paleoceanographic reconstructions. <i>Marine Micropaleontology</i> , 2019, 148, 1-28.	1.2	23
43	Epiphytic diatom assemblages on invasive <i>Caulerpa taxifolia</i> and autochthonous <i>Halimeda tuna</i> and <i>Padina</i> sp. seaweeds in the Adriatic Sea – summer/autumn aspect. <i>Oceanological and Hydrobiological Studies</i> , 2019, 48, 209-226.	0.7	4
44	Toward a multigene phylogeny of the Cymatosiraceae (Bacillariophyta, Mediophyceae) II: morphological and molecular insights into the taxonomy of the forgotten species <i>Campylosira africana</i> and of <i>Extubocellulus</i> , with a description of two new taxa. <i>Journal of Phycology</i> , 2019, 55, 425-441.	2.3	8
45	Oxidation of methionine residues in human apolipoprotein A-I generates a potent pro-inflammatory molecule. <i>Journal of Biological Chemistry</i> , 2019, 294, 3634-3646.	3.4	12
46	Complete mitochondrial genome of a rare diatom (Bacillariophyta) <i>Proschkinia</i> and its phylogenetic and taxonomic implications. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 25-26.	0.4	11
47	Taxonomy and diversity of a little-known diatom genus <i>Simonsenia</i> (Bacillariaceae) in the marine littoral: novel taxa from the Yellow Sea and the Gulf of Mexico. <i>Plant Ecology and Evolution</i> , 2019, 152, 248-261.	0.7	6
48	<i>Nitzschia omanensis</i> sp. nov., a new diatom species from the marine coast of Oman, characterized by valve morphology and molecular data. <i>Fottea</i> , 2019, 19, 175-184.	0.9	3
49	Sphingadienes show therapeutic efficacy in neuroblastoma in vitro and in vivo by targeting the AKT signaling pathway. <i>Investigational New Drugs</i> , 2018, 36, 743-754.	2.6	13
50	Isolation and identification of indigenous marine diatoms (Bacillariophyta) for biomass production in open raceway ponds. <i>Aquaculture Research</i> , 2018, 49, 928-938.	1.8	8
51	Multiproxy analysis of tsunami deposits – The Tirán example, central Chile. , 2018, 14, 1067-1086.		11
52	Achnanthes from historical Grunow collection in Porto Subzanski, Croatia. <i>Botanica Marina</i> , 2018, 61, 573-593.	1.2	1
53	Coastal primary productivity changes over the last millennium: a case study from the Skagerrak (North Sea). <i>Biogeosciences</i> , 2018, 15, 5909-5928.	3.3	2
54	Complete mitogenome of <i>Cerithidea obtusa</i> , the red chut-chut snail from the Càñn Giá» Mangrove in Vietnam. <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 1267-1269.	0.4	3

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55	Mitogenome sequence of a Black Sea isolate of the kinetoplastid <i>Bodo saltans</i> . Mitochondrial DNA Part B: Resources, 2018, 3, 968-969.	0.4	4
56	<i>Cocconeis kurakakea</i> , a new diatom species from Nukutavake (Tuamotu Archipelago, South Pacific): description and comparison with <i>C. diruptoides</i> and <i>C. pseudodiruptoides</i> . Phytotaxa, 2018, 349, 115.	0.3	1
57	Methionine oxidized apolipoprotein A β at the crossroads of HDL biogenesis and amyloid formation. FASEB Journal, 2018, 32, 3149-3165.	0.5	20
58	The complete mitochondrial DNA of the tropical oyster <i>Crassostrea belcheri</i> from the Cà $\$$ n Gi \AA ™ mangrove in Vietnam. Mitochondrial DNA Part B: Resources, 2018, 3, 462-463.	0.4	4
59	<i>Cocconeis scutellum</i> var. <i>parva</i> (Bacillariophyceae) re-examination and typification. Phytotaxa, 2018, 343, 20.	0.3	1
60	The morphology and molecular phylogenetics of some marine diatom taxa within the Fragilariaceae, including twenty undescribed species and their relationship to Nanofrustulum, Opephora and Pseudostaurosira. Phytotaxa, 2018, 355, 1.	0.3	35
61	<i>Planothidium juandenovense</i> sp. nov. (Bacillariophyta) from Juan de Nova (Scattered Islands, Tj ETQq1 1 0.784314 rgBT /Overlock 10 TT delicatum complex. Fottea, 2018, 18, 106-119.	0.9	9
62	A new sediment dwelling and epizoic species of <i>Olifantiella</i> (Bacillariophyceae), with an account on the genus ultrastructure based on Focused Ion Beam nanocuts. Fottea, 2018, 18, 212-226.	0.9	14
63	New epizoic diatom (Bacillariophyta) species from sea turtles in the Eastern Caribbean and South Pacific. Diatom Research, 2017, 32, 109-125.	1.2	18
64	Towards a multigene phylogeny of the Cymatosiraceae (Bacillariophyta, Mediophyceae) I: novel taxa within the subfamily cymatosiroideae based on molecular and morphological data. Journal of Phycology, 2017, 53, 342-360.	2.3	14
65	<i>Cocconeis subantarctica</i> sp. nov. from Kerguelen Archipelago (Austral Ocean) and comparison with <i>Cocconeis stauroneiformis</i> (W.Smith) Okuno. Oceanological and Hydrobiological Studies, 2017, 46, 350-362.	0.7	1
66	Visualization of the internal structure of <i>Didymosphenia geminata</i> frustules using nano X-ray tomography. Scientific Reports, 2017, 7, 9086.	3.3	21
67	Characterization of secondary structure and lipid binding behavior of N-terminal saposin like subdomain of human Wnt3a. Archives of Biochemistry and Biophysics, 2017, 630, 38-46.	3.0	2
68	<i>Ardissonaea crystallina</i> has a type of sexual reproduction that is unusual for centric diatoms. Scientific Reports, 2017, 7, 14670.	3.3	16
69	Sexual reproduction in <i>Schizostauron</i> (Bacillariophyta) and a preliminary phylogeny of the genus. Phycologia, 2017, 56, 77-93.	1.4	19
70	Molecular and Morphological Investigations of the Stauros-bearing, Raphid Pennate Diatoms (Bacillariophyceae): <i>Craspedostauros</i> E.J. Cox, and <i>Staurotropis</i> T.B.B. Paddock, and their Relationship to the Rest of the Mastogloiales. Protist, 2017, 168, 48-70.	1.5	30
71	Novel diatom species (Bacillariophyta) from the freshwater discharge site of Laguna Diablas (Island) Tj ETQq1 1 0.784314 rgBT /Overlock 16	0.3	16
72	Two new <i>Tursiocola</i> species (Bacillariophyta) epizoic on green turtles (<i>Chelonia mydas</i>) in French Guiana and Eastern Caribbean. Fottea, 2017, 17, 150-163.	0.9	15

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73	Postglacial Evolution of the Odra River Mouth, Poland-Germany. Coastal Research Library, 2017, , 193-217.	0.4	5
74	Late Glacial to Holocene Environmental Changes (with Particular Reference to Salinity) in the Southern Baltic Reconstructed from Shallow Water Lagoon Sediments. Coastal Research Library, 2017, , 175-192.	0.4	2
75	New Records of the Diatom Species (Bacillariophyta) from the Seaweed and Tidal Flats in Korea. Hangug Hwangyeong Saengmul Haghoeji, 2017, 35, 604-621.	0.4	2
76	Multiphase Biomineralization: Enigmatic Invasive Siliceous Diatoms Produce Crystalline Calcite. Advanced Functional Materials, 2016, 26, 2503-2510.	14.9	37
77	Multigene Assessment of Biodiversity of Diatom(Bacillariophyceae) Assemblages from the Littoral Zone of the Bohai and Yellow Seas in Yantai Region of Northeast China with some Remarks on Ubiquitous Taxa. Journal of Coastal Research, 2016, 74, 166-195.	0.3	32
78	Ultrastructural and molecular characterization of diversity among small araphid diatoms all lacking rimoportulae. I. Five new genera, eight new species. Journal of Phycology, 2016, 52, 1018-1036.	2.3	15
79	Wnt3a nanodisks promote ex vivo expansion of hematopoietic stem and progenitor cells. Journal of Nanobiotechnology, 2016, 14, 66.	9.1	4
80	Significance of the <i>Paralia sulcata</i> fossil record in palaeoenvironmental reconstructions of the SE Asia marginal seas over the Last Glacial Cycle. Geological Society Special Publication, 2016, 429, 211-221.	1.3	6
81	Surface and sub-surface multi-proxy reconstruction of middle to late Holocene palaeoceanographic changes in Disko Bugt, West Greenland. Quaternary Science Reviews, 2016, 132, 146-160.	3.0	48
82	Simonsenia aveniformis sp. nov. (Bacillariophyceae), molecular phylogeny and systematics of the genus and a new type of canal raphe system. Scientific Reports, 2015, 5, 17115.	3.3	16
83	Small-sized and discoid species of the genus <i>Cocconeopsis</i> (Bacillariophyta) on <i>Holothuria atra</i> (Juan de Nova, Mozambique Channel) . Phytotaxa, 2015, 54, 43.	0.3	11
84	Taxonomy, frustular morphology and systematics of Platichthys, a new genus of canal raphe bearing diatoms within the Entomoneidaceae. Phytotaxa, 2015, 236, 135.	0.3	6
85	<i>Pseudachnanthidium megapteropsis</i> gen. nov. and sp. nov. (Bacillariophyta): A Widespread Indo-Pacific Elusive Taxon. Cryptogamie, Algologie, 2015, 36, 291-304.	0.9	6
86	Microplankton succession in a SW Greenland tidewater glacial fjord influenced by coastal inflows and run-off from the Greenland Ice Sheet. Polar Biology, 2015, 38, 1515-1533.	1.2	24
87	Myeloperoxidase-mediated Methionine Oxidation Promotes an Amyloidogenic Outcome for Apolipoprotein A-I. Journal of Biological Chemistry, 2015, 290, 10958-10971.	3.4	35
88	New species of <i>Eunotia</i> (Bacillariophyta) from Lake Baikal with comments on morphology and biogeography of the genus. Phycologia, 2015, 54, 248-260.	1.4	17
89	Isolation and characterization of recombinant murine Wnt3a. Protein Expression and Purification, 2015, 106, 41-48.	1.3	3
90	New Insights into Plagiogrammaceae (Bacillariophyta) Based on Multigene Phylogenies and Morphological Characteristics with the Description of a New Genus and Three New Species. PLoS ONE, 2015, 10, e0139300.	2.5	29

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91	Cocconeis Ehrenberg taxa (Bacillariophyta) with a marginal row of simple processes: relationship with the valvocopula system and distinctive features of related taxa. <i>Fottea</i> , 2015, 15, 139-154.	0.9	6
92	Diatoms from isolated islands II:Pseudostaurosira diablarum, a new species from a mangrove ecosystem in the Galápagos Islands.. <i>Diatom Research</i> , 2014, 29, 201-211.	1.2	7
93	<i>Madinithidium</i> gen. nov. (Bacillariophyceae), a new monoraphid diatom genus from the tropical marine coastal zone. <i>Phycologia</i> , 2014, 53, 583-592.	1.4	16
94	Morphology, ecology and distribution of the diatom (Bacillariophyceae) species <i>Simonsenia delognei</i> (Grunow) Lange-Bertalot. <i>Oceanological and Hydrobiological Studies</i> , 2014, 43, 393-401.	0.7	7
95	Sea surface temperatures in Disko Bay during the Little Ice Age “caution needs to be exercised before assigning <i>Thalassiosira kushirensis</i> resting spore as a warm-water indicator in palaeoceanographic studies. <i>Quaternary Science Reviews</i> , 2014, 101, 234-237.	3.0	9
96	Aberrant Hetero-Disulfide Bond Formation by the Hypertriglyceridemia-Associated p.Gly185Cys <i>APOA5</i> Variant (rs2075291). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2254-2260.	2.4	16
97	<i>Minutocellus africana</i> DÄ...bek & Witkowski sp. nov.: a new marine benthic diatom (Bacillariophyta,) <i>Tj ETQq1 1 0.784314 rgBT / D</i> 223-232.	0.4	7
98	Looking forward through the past: identification of 50 priority research questions in palaeoecology. <i>Journal of Ecology</i> , 2014, 102, 256-267.	4.0	212
99	<i>Fogedia giffeniana</i> (Foged) Witkowski, Lange-Bertalot, Metzeltin & Bafana a benthic diatom new to the Turkish Aegean Sea. <i>Sü Akdeniz Dergisi</i> , 2014, 31, 133-136.	0.3	0
100	Echoes from the Past: A Healthy Baltic Sea Requires More Effort. <i>Ambio</i> , 2014, 43, 60-68.	5.5	25
101	A quantitative framework for analysis of regime shifts in a Galápagos coastal lagoon. <i>Ecology</i> , 2014, 95, 3046-3055.	3.2	49
102	Description of four species belonging in <i>Cavinula</i> D.G. Mann & Stickle from Lake Baikal with notes on family Cavinulaceae D.G. Mann in Round et al. 1990. <i>Nova Hedwigia</i> , 2014, 99, 487-499.	0.4	13
103	Description of diatoms from the Southwest to West Greenland coastal and open marine waters. <i>Polar Biology</i> , 2014, 37, 1589-1606.	1.2	23
104	<i>Navicula meulemansii</i> sp. nov., (Bacillariophyceae) from brackish waters in Europe and the U.S.A.. <i>Nova Hedwigia</i> , 2014, 98, 201-212.	0.4	3
105	Marine transgressions during Eemian in northern Poland: A high resolution record from the type section at CierpiÅ™ta. <i>Quaternary International</i> , 2014, 328-329, 45-59.	1.5	20
106	A Description of <i>Biremis panamae</i> sp. nov., a New Diatom Species from the Marine Littoral, with an Account of the Phylogenetic Position of <i>Biremis</i> D.G. Mann et E.J. Cox (Bacillariophyceae). <i>PLoS ONE</i> , 2014, 9, e114508.	2.5	12
107	Diatom-based estimation of sea surface salinity in the south Baltic Sea and Kattegat. <i>Baltica</i> , 2014, 27, 131-140.	0.3	3
108	Late-Holocene diatom derived seasonal variability in hydrological conditions off Disko Bay, West Greenland. <i>Quaternary Science Reviews</i> , 2013, 67, 93-104.	3.0	21

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109	An emended description of the genus <i>Fogedia</i> (Bacillariophyceae) with reports of four species new to science from a Korean sand flat. <i>Phycologia</i> , 2013, 52, 437-446.	1.4	6
110	An account of <i>Astartiella</i> species from tropical areas with a description of <i>A. societatis</i> sp. nov. and nomenclatural notes. <i>Diatom Research</i> , 2013, 28, 419-430.	1.2	8
111	<i>Gliwiczia</i> gen. nov. a new monoraphid diatom genus from Lake Baikal with a description of four species new for science. <i>Phytotaxa</i> , 2013, 109, 1.	0.3	53
112	<i>Cymatosirella</i> DÄ...bek, Witkowski & Sabbe gen. nov., a new marine benthic diatom genus (Bacillariophyta) belonging to the family Cymatosiraceae. <i>Phytotaxa</i> , 2013, 121, 42.	0.3	9
113	<i>Syvertsenia iberica</i> (Cymatosiraceae): a new estuarine diatom genus characterized by the position of its process. <i>Phytotaxa</i> , 2013, 142, 25.	0.3	4
114	A revision of the diatom genus <i>Lyrella</i> ; <i>Karayeva</i> (Bacillariophyta: Lyrellaceae) from the Black Sea, with descriptions of five new species. <i>Phytotaxa</i> , 2013, 83, .	0.3	11
115	Description of a new marine diatom, <i>Cocconeis caulerpacola</i> sp. nov. (Bacillariophyceae), epiphytic on invasive <i>Caulerpa</i> species. <i>European Journal of Phycology</i> , 2012, 47, 433-448.	2.0	9
116	Swarm-like migratory behaviour in the laboratory of a pennate diatom isolated from North Sea sediments. <i>Diatom Research</i> , 2012, 27, 95-100.	1.2	7
117	Morphology and distribution of a little known but widespread diatom (Bacillariophyceae), <i>Navicula spartinetensis</i> Sullivan et Reimer. <i>Diatom Research</i> , 2012, 27, 43-51.	1.2	2
118	DESCRIPTION OF A NEW NAVICULOID DIATOM GENUS <i>MORENEIS</i> GEN. NOV. (BACILLARIOPHYCEAE) FROM SAND FLATS IN KOREA. <i>Journal of Phycology</i> , 2012, 48, 186-195.	2.3	5
119	Reinterpretation of two diatom species from the West Greenland margin " <i>Thalassiosira kushirensis</i> and <i>Thalassiosira antarctica</i> var. <i>borealis</i> " hydrological consequences. <i>Marine Micropaleontology</i> , 2012, 88-89, 1-14.	1.2	14
120	Compromised Mitochondrial Fatty Acid Synthesis in Transgenic Mice Results in Defective Protein Lipoylation and Energy Disequilibrium. <i>PLoS ONE</i> , 2012, 7, e47196.	2.5	44
121	<i>Scalariella</i> a new genus of monoraphid diatom (Bacillariophyta) with a bipolar distribution.. <i>Fottea</i> , 2012, 12, 13-25.	0.9	15
122	Valve ultrastructure of two new genera of marine canal-bearing diatoms (Bacillariophyceae). <i>Phycologia</i> , 2011, 50, 170-181.	1.4	12
123	Living on the pH Edge: Diatom Assemblages of Low-pH Lakes in Western Pomerania (NW Poland). <i>Cellular Origin and Life in Extreme Habitats</i> , 2011, , 365-384.	0.3	8
124	DIATOMS (BACILLARIOPHYTA) OF ISOLATED ISLANDS: NEW TAXA IN THE GENUS <i>NAVICULA</i> SENSU STRICTO FROM THE GALÄPAGOS ISLANDS. <i>Journal of Phycology</i> , 2011, 47, 861-879.	2.3	12
125	<i>Planothidium iberense</i> sp. nov., a new brackish diatom of the Ebro Estuary, northeast Spain. <i>Diatom Research</i> , 2011, 26, 99-107.	1.2	5
126	Nutrient status in coral reefs of the Açores Eparses (Scattered Islands): comparison to nearby reefs subject to higher anthropogenic influences (Mozambique Channel and Mascarenes, Indian Ocean). <i>Oceanological and Hydrobiological Studies</i> , 2011, 40, 84-90.	0.7	5

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127	Mammalian ACSF3 Protein Is a Malonyl-CoA Synthetase That Supplies the Chain Extender Units for Mitochondrial Fatty Acid Synthesis. <i>Journal of Biological Chemistry</i> , 2011, 286, 33729-33736.	3.4	55
128	The genus <i>Navicula</i> in ancient basins. I. Two novelties from the Black Sea. <i>Plant Ecology and Evolution</i> , 2010, 143, 307-317.	0.7	12
129	DIATOM FLORA OF POLISTOVO-LOWATSKI SPHAGNUM TRACT (EUROPEAN RUSSIA). I. <i>EOLIMNA CHISTIAKOVAE</i> SP. NOV. AND FURTHER TRANSFERS TO THE GENUS <i>EOLIMNA</i> LANGE-BERTALOT & SCHILLER. <i>Diatom Research</i> , 2010, 25, 77-85.	1.2	10
130	Down-regulation of Mitochondrial Acyl Carrier Protein in Mammalian Cells Compromises Protein Lipoylation and Respiratory Complex I and Results in Cell Death. <i>Journal of Biological Chemistry</i> , 2009, 284, 11436-11445.	3.4	84
131	Diatoms as a proxy in reconstructing the Holocene environmental changes in the south-western Baltic Sea: the lower Rega River Valley sedimentary record. <i>Hydrobiologia</i> , 2009, 631, 155-172.	2.0	24
132	An approach to the recent environmental history of Pilica Piaski spring (southern Poland) using diatoms. <i>Hydrobiologia</i> , 2009, 631, 267-277.	2.0	6
133	Biomarker features of sabkha-associated microbialites from the Zechstein Platy Dolomite (Upper) Tj ETQq1 1 0.784314 rgBT /Overlock 12	2.3	12
134	Morphology and taxonomy of selected cymbelloid diatoms from a Mongolian Sphagnum ecosystem with a description of three species new to science.. <i>Fottea</i> , 2009, 9, 223-232.	0.9	13
135	An approach to the recent environmental history of Pilica Piaski spring (southern Poland) using diatoms. , 2009, , 267-277.		0
136	Coupling of the de Novo Fatty Acid Biosynthesis and Lipoylation Pathways in Mammalian Mitochondria. <i>Journal of Biological Chemistry</i> , 2007, 282, 14178-14185.	3.4	67
137	Southern Baltic sea-level oscillations: New radiocarbon, pollen and diatom proof of the Puck Lagoon (Poland). , 2007, , .		5
138	<i>COCCONEIS GERMAINII</i> SP. NOV. AND A RELATED TAXON FROM KERGUELEN ARCHIPELAGO (AUSTRAL) Tj ETQq0 0 0 rgBT /Overlock 9	1.2	9
139	Holocene marine diatoms from the Faeroe Islands and their paleoceanographic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 239, 487-509.	2.3	15
140	NOTICE: PROCEEDINGS OF THE 18TH INTERNATIONAL DIATOM SYMPOSIUM MIÅDZYDROJE, POLAND 2ND-7TH SEPTEMBER, 2004. <i>Diatom Research</i> , 2006, 21, 249-249.	1.2	0
141	HOLOCENE DIATOMS (BACILLARIOPHYCEAE) FROM FAEROE ISLANDS FJORDS, NORTHERN ATLANTIC OCEAN. II. DISTRIBUTION AND TAXONOMY OF MARINE TAXA WITH SPECIAL REFERENCE TO BENTHIC FORMS. <i>Diatom Research</i> , 2006, 21, 175-215.	1.2	8
142	Palaeolimnology of Lake Zeribar, Iran, and its Climatic Implications. <i>Quaternary Research</i> , 2006, 66, 477-493.	1.7	58
143	Holocene North Atlantic surface circulation and climatic variability: evidence from diatom records. <i>Holocene</i> , 2005, 15, 85-96.	1.7	31
144	Late Glacial and Holocene depositional history in the eastern part of the Szczecin Lagoon (Great) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.5	36

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145	Darss Sill as a biological border in the fossil record of the Baltic Sea: evidence from diatoms. <i>Quaternary International</i> , 2005, 130, 97-109.	1.5	41
146	Head-to-Head Coiled Arrangement of the Subunits of the Animal Fatty Acid Synthase. <i>Chemistry and Biology</i> , 2004, 11, 1667-1676.	6.0	37
147	HIPPODONTA SUBCOSTULATA(HUSTEDT) LANGE-BERTALOT, METZELTIN ET WITKOWSKI AND SOME FRAGILARIOID DIATOM TAXA FROM THE HOLOCENE LACUSTRINE SEDIMENTS OF THE FAEROE ISLANDS. <i>Diatom Research</i> , 2004, 19, 123-134.	1.2	1
148	EHRENBERGIULVAWITKOWSKI, LANGE-BERTALOT ET METZELTIN NOM. NOV. "A NEW NAME FOREHRENBERGIAWITKOWSKI ET AL.. <i>Diatom Research</i> , 2004, 19, 143-144.	1.2	1
149	Characterization of the \hat{I}^2 -Carbon Processing Reactions of the Mammalian Cytosolic Fatty Acid Synthase: A Role of the Central Core. <i>Biochemistry</i> , 2004, 43, 10458-10466.	2.5	37
150	Four new species of <i>Nitzschia</i> sect. <i>Tryblionella</i> (Bacillariophyceae) resembling <i>N. parvula</i> . <i>Phycologia</i> , 2004, 43, 579-595.	1.4	10
151	Engineering of an Active Animal Fatty Acid Synthase Dimer with Only One Competent Subunit. <i>Chemistry and Biology</i> , 2003, 10, 169-173.	6.0	31
152	Structural and functional organization of the animal fatty acid synthase. <i>Progress in Lipid Research</i> , 2003, 42, 289-317.	11.6	519
153	INFERRING SEA LEVEL VARIATION FROM RELATIVE PERCENTAGES OF PSEUDOPODOSIRA KOSUGI IN ROCHA LAGOON, SE URUGUAY. <i>Diatom Research</i> , 2003, 18, 49-59.	1.2	26
154	Diatom (Bacillariophyceae) flora of early Holocene freshwater sediments from Skalafjord, Faeroe Islands. <i>Journal of Micropalaeontology</i> , 2003, 22, 183-208.	3.6	13
155	Mechanism of the \hat{I}^2 -Ketoacyl Synthase Reaction Catalyzed by the Animal Fatty Acid Synthase. <i>Biochemistry</i> , 2002, 41, 10877-10887.	2.5	75
156	A multi-proxy study of Pliocene sediments from Åžle de France, North-East Greenland. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 186, 1-23.	2.3	49
157	Dibromopropanone Cross-linking of the Phosphopantetheine and Active-site Cysteine Thiols of the Animal Fatty Acid Synthase Can Occur Both Inter- and Intrasubunit. <i>Journal of Biological Chemistry</i> , 1999, 274, 11557-11563.	3.4	39
158	Early Holocene history of the southwestern Baltic Sea: the Ancyclus Lake stage. <i>Boreas</i> , 1999, 28, 437-453.	2.4	77
159	Conversion of a \hat{I}^2 -Ketoacyl Synthase to a Malonyl Decarboxylase by Replacement of the Active-Site Cysteine with Glutamine. <i>Biochemistry</i> , 1999, 38, 11643-11650.	2.5	84
160	Early Holocene history of the southwestern Baltic Sea: the Ancyclus Lake stage. <i>Boreas</i> , 1999, 28, 437-453.	2.4	15
161	The Malonyl/Acetyltransferase and \hat{I}^2 -Ketoacyl Synthase Domains of the Animal Fatty Acid Synthase Can Cooperate with the Acyl Carrier Protein Domain of Either Subunit. <i>Biochemistry</i> , 1998, 37, 2515-2523.	2.5	39
162	Successful Expression of a Selenomethionyl Protein under Control of the Temperature-Sensitive \hat{I}^2 Repressor Requires Higher than Normal Temperature. <i>BioTechniques</i> , 1998, 24, 934-936.	1.8	6

#	ARTICLE	IF	CITATIONS
163	Mapping of Functional Interactions between Domains of the Animal Fatty Acid Synthase by Mutant Complementation <i>in vitro</i> . <i>Biochemistry</i> , 1997, 36, 2316-2322.	2.5	68
164	Characterization of the Interthiol Acyltransferase Reaction Catalyzed by the β^2 -Ketoacyl Synthase Domain of the Animal Fatty Acid Synthase. <i>Biochemistry</i> , 1997, 36, 16338-16344.	2.5	30
165	The Baltic Ice Lake in the southwestern Baltic: sequence, chrono- and biostratigraphy. <i>Boreas</i> , 1997, 26, 217-236.	2.4	74
166	Fatty Acid Synthase: β In Vitro Complementation of Inactive Mutants. <i>Biochemistry</i> , 1996, 35, 10569-10575.	2.5	50
167	The Diatom Species <i>Fragilaria martyi</i> (Heribaud) Lange-Bertalot, Identity and Ecology. <i>Archiv für Protistenkunde</i> , 1996, 146, 281-292.	0.8	13
168	Crystallization and preliminary diffraction studies of thioesterase II from rat mammary gland. <i>Proteins: Structure, Function and Bioinformatics</i> , 1995, 22, 73-75.	2.6	9
169	Crustacean species new to Spitsbergen with notes on the polymorphism and the subfossil preservation of <i>Cytherissa lacustris</i> (G. O. Sars). <i>Polar Research</i> , 1994, 13, 233-235.	1.6	9
170	<i>Cocconeis hauniensis</i> sp. nov., a new epipsammic diatom from Puck Bay (Southern Baltic Sea), Poland. <i>Nordic Journal of Botany</i> , 1993, 13, 467-471.	0.5	15
171	FALLACIA FLORINAE(MOELLER) COMB. NOV. A MARINE, EPIPSAMMIC DIATOM. <i>Diatom Research</i> , 1993, 8, 215-219.	1.2	12
172	AN OCCURRENCE OF <i>LIVINGTERPSINOË AMERICANA</i> (BAILEY) RALFS IN BOTTOM SEDIMENTS OF THE PUCK BAY (THE SOUTHERN BALTIC SEA), POLAND. <i>Diatom Research</i> , 1991, 6, 413-415.	1.2	7
173	Structural organization of the multifunctional animal fatty-acid synthase. <i>FEBS Journal</i> , 1991, 198, 571-579.	0.2	85
174	Diatoms of the Puck Bay coastal shallows (Poland, Southern Baltic). <i>Nordic Journal of Botany</i> , 1991, 11, 689-701.	0.5	19
175	Molecular cloning and sequencing of a cDNA encoding the acyl carrier protein and its flanking domains in the mammalian fatty acid synthetase. <i>FEBS Journal</i> , 1987, 165, 601-606.	0.2	20
176	Epizoid diatoms on sea turtles and their relationship to host species, behaviour and biogeography: a morphological approach. <i>European Journal of Phycology</i> , 0, , 1-14.	2.0	4
177	Epilithic diatom communities from areas of invasive <i>Caulerpa</i> species (<i>Caulerpa taxifolia</i> and <i>Caulerpa</i>) Tj ETQq1 1 Q.784314 ggBT /Overl	1.6	1,6