

Hanna Mazur-Marzec

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5518933/hanna-mazur-marzec-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84
papers

1,414
citations

23
h-index

33
g-index

88
ext. papers

1,801
ext. citations

4.5
avg, IF

4.79
L-index

#	Paper	IF	Citations
84	Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. <i>Toxins</i> , 2018 , 10,	4.9	109
83	Indole-3-acetic acid in the culture medium of two axenic green microalgae. <i>Journal of Applied Phycology</i> , 2001 , 13, 35-42	3.2	59
82	Cyanobacteria and cyanotoxins in Polish freshwater bodies. <i>Oceanological and Hydrobiological Studies</i> , 2013 , 42,	0.8	56
81	Characterization of nodularin variants in <i>Nodularia spumigena</i> from the Baltic Sea using liquid chromatography/mass spectrometry/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 2023-32	2.2	56
80	Occurrence of cyanobacteria and cyanotoxin in the Southern Baltic Proper. Filamentous cyanobacteria versus single-celled picocyanobacteria. <i>Hydrobiologia</i> , 2013 , 701, 235-252	2.4	52
79	Structures and Activity of New Anabaenopeptins Produced by Baltic Sea Cyanobacteria. <i>Marine Drugs</i> , 2015 , 14, 8	6	48
78	Diversity of peptides produced by <i>Nodularia spumigena</i> from various geographical regions. <i>Marine Drugs</i> , 2012 , 11, 1-19	6	47
77	The effect of salinity on the growth, toxin production, and morphology of <i>Nodularia spumigena</i> isolated from the Gulf of Gdańsk, southern Baltic Sea. <i>Journal of Applied Phycology</i> , 2005 , 17, 171-179	3.2	42
76	Accumulation of nodularin in sediments, mussels, and fish from the Gulf of Gdańsk, southern Baltic Sea. <i>Environmental Toxicology</i> , 2007 , 22, 101-11	4.2	39
75	A Collaborative Evaluation of LC-MS/MS Based Methods for BMAA Analysis: Soluble Bound BMAA Found to Be an Important Fraction. <i>Marine Drugs</i> , 2016 , 14,	6	39
74	CyanoMetDB, a comprehensive public database of secondary metabolites from cyanobacteria. <i>Water Research</i> , 2021 , 196, 117017	12.5	37
73	Baltic cyanobacteria as a source of biologically active compounds. <i>European Journal of Phycology</i> , 2015 , 50, 343-360	2.2	36
72	Predicting blooms of toxic cyanobacteria in eutrophic lakes with diverse cyanobacterial communities. <i>Scientific Reports</i> , 2017 , 7, 8342	4.9	36
71	Do toxic cyanobacteria blooms pose a threat to the Baltic ecosystem?. <i>Oceanologia</i> , 2009 , 51, 293-319	2.2	34
70	Phenotypic and toxicological characterization of toxic <i>Nodularia spumigena</i> from a freshwater lake in Turkey. <i>Harmful Algae</i> , 2009 , 8, 273-278	5.3	32
69	Harmful algal blooms and their effects in coastal seas of Northern Europe. <i>Harmful Algae</i> , 2021 , 102, 101989	5.3	31
68	Biodegradation of nodularin and effects of the toxin on bacterial isolates from the Gulf of Gdańsk. <i>Water Research</i> , 2009 , 43, 2801-10	12.5	29

67	Non-ribosomal peptides produced by <i>Planktothrix agardhii</i> from Siemianówka Dam Reservoir SDR (northeast Poland). <i>Archives of Microbiology</i> , 2014 , 196, 697-707	3	28
66	Toxic cyanobacteria blooms in the Lithuanian part of the Curonian Lagoon. <i>Oceanologia</i> , 2009 , 51, 203-216	2	28
65	The effect of cyanobacterial blooms in the Siemianówka Dam Reservoir on the phytoplankton structure in the Narew River. <i>Oceanological and Hydrobiological Studies</i> , 2011 , 40, 19-26	0.8	25
64	Increased risk of exposure to microcystins in the scum of the filamentous cyanobacterium <i>Aphanizomenon flos-aquae</i> accumulated on the western shoreline of the Curonian Lagoon. <i>Marine Pollution Bulletin</i> , 2015 , 99, 264-70	6.7	24
63	Biodegradation and sorption of nodularin (NOD) in fine-grained sediments. <i>Chemosphere</i> , 2008 , 70, 2038-46	3.4	23
62	The degradation of the cyanobacterial hepatotoxin nodularin (NOD) by UV radiation. <i>Chemosphere</i> , 2006 , 65, 1388-95	8.4	23
61	Chemical and Genetic Diversity of <i>Nodularia spumigena</i> from the Baltic Sea. <i>Marine Drugs</i> , 2016 , 14,	6	22
60	Bioaccumulation of microcystins in invasive bivalves: A case study from the boreal lagoon ecosystem. <i>Oceanologia</i> , 2015 , 57, 93-101	2.2	21
59	Cyanobacterial hepatotoxins, microcystins and nodularins, in fresh and brackish waters of the Pomeranian Province, northern Poland. <i>Oceanological and Hydrobiological Studies</i> , 2008 , 37, 3-21	0.8	20
58	Bioactive Peptides Produced by Cyanobacteria of the Genus : A Review. <i>Marine Drugs</i> , 2019 , 17,	6	19
57	The profound effect of harmful cyanobacterial blooms: From food-web and management perspectives. <i>Science of the Total Environment</i> , 2017 , 609, 1443-1450	10.2	19
56	Morphological, genetic, chemical and ecophysiological characterisation of two <i>Microcystis aeruginosa</i> isolates from the Vistula Lagoon, southern Baltic. <i>Oceanologia</i> , 2010 , 52, 127-146	2.2	19
55	Effects of secondary metabolites produced by different cyanobacterial populations on the freshwater zooplankters <i>Brachionus calyciflorus</i> and <i>Daphnia pulex</i> . <i>Environmental Science and Pollution Research</i> , 2019 , 26, 11793-11804	5.1	19
54	Selective inhibition of cancer cells proliferation by compounds included in extracts from Baltic Sea cyanobacteria. <i>Toxicon</i> , 2015 , 108, 1-10	2.8	18
53	The influence of hydrological conditions on phytoplankton community structure and cyanopeptide concentration in dammed lowland river. <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 488	3.1	17
52	Cyanopeptolins with Trypsin and Chymotrypsin Inhibitory Activity from the Cyanobacterium CCNP1411. <i>Marine Drugs</i> , 2018 , 16,	6	16
51	The Essentials of Marine Biotechnology. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	16
50	A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins. <i>Scientific Data</i> , 2018 , 5, 180226	8.2	15

49	New microginins from cyanobacteria of Greek freshwaters. <i>Chemosphere</i> , 2020 , 248, 125961	8.4	14
48	The potential causes of cyanobacterial blooms in Baltic Sea estuaries. <i>Oceanological and Hydrobiological Studies</i> , 2007 , 36, 134-137	0.8	14
47	Dolichospermum and Aphanizomenon as neurotoxins producers in some Russian freshwaters. <i>Toxicon</i> , 2017 , 130, 47-55	2.8	13
46	Vertical distribution of cyanobacteria biomass and cyanotoxin production in the polymictic Siemianówka Dam Reservoir (eastern Poland). <i>Archives of Polish Fisheries</i> , 2014 , 22, 41-51		12
45	Effect of Increased Temperature on Native and Alien Nuisance Cyanobacteria from Temperate Lakes: An Experimental Approach. <i>Toxins</i> , 2018 , 10,	4.9	12
44	Comprehensive database of secondary metabolites from cyanobacteria		11
43	Antiviral Cyanometabolites-A Review. <i>Biomolecules</i> , 2021 , 11,	5.9	11
42	Recent trends in determination of neurotoxins in aquatic environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 112, 112-122	14.6	11
41	Anthropogenic impact on marine ecosystem health: A comparative multi-proxy investigation of recent sediments in coastal waters. <i>Marine Pollution Bulletin</i> , 2018 , 133, 328-335	6.7	10
40	Specific Chemical and Genetic Markers Revealed a Thousands-Year Presence of Toxic <i>Nodularia spumigena</i> in the Baltic Sea. <i>Marine Drugs</i> , 2018 , 16,	6	9
39	Are there concerns regarding cHAB in coastal bathing waters affected by freshwater-brackish continuum?. <i>Marine Pollution Bulletin</i> , 2020 , 159, 111500	6.7	9
38	Limited Microcystin, Anatoxin and Cylindrospermopsin Production by Cyanobacteria from Microbial Mats in Cold Deserts. <i>Toxins</i> , 2020 , 12,	4.9	8
37	Insights into cyanophage-mediated dynamics of nodularin and other non-ribosomal peptides in <i>Nodularia spumigena</i> . <i>Harmful Algae</i> , 2018 , 78, 69-74	5.3	8
36	Determination of indole-3-acetic acid in the Gulf of Gdańsk by high-performance liquid chromatography of its 4-methyl-7-methoxycoumarin derivative. <i>Journal of Chromatography A</i> , 1997 , 766, 261-266	4.5	8
35	Interplay of Nutrients, Temperature, and Competition of Native and Alien Cyanobacteria Species Growth and Cyanotoxin Production in Temperate Lakes. <i>Toxins</i> , 2021 , 13,	4.9	8
34	A New Network for the Advancement of Marine Biotechnology in Europe and Beyond. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	7
33	Characteristics of cyanobacterium <i>Pseudanabaena galeata</i> CCNP1313 from the Baltic Sea. <i>Algal Research</i> , 2020 , 47, 101861	5	7
32	The Effects of Cyanobacterial Bloom Extracts on the Biomass, Chl-a, MC and Other Oligopeptides Contents in a Natural Population. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	7

31	Nodularia spumigena peptides--accumulation and effect on aquatic invertebrates. <i>Toxins</i> , 2015 , 7, 4404-4409	7	7
30	Cyanobacterial blooms in the Gulf of Gdańsk (southern Baltic): the main effect of eutrophication. <i>Oceanological and Hydrobiological Studies</i> , 2008 , 37, 115-121	0.8	7
29	Bioactive metabolites produced by <i>Spirulina subsalsa</i> from the Baltic Sea. <i>Oceanologia</i> , 2018 , 60, 245-255.	2.2	7
28	Biodegradation of nodularin and other nonribosomal peptides by the Baltic bacteria. <i>International Biodeterioration and Biodegradation</i> , 2018 , 134, 48-57	4.8	6
27	First report of saxitoxins and anatoxin-a production by cyanobacteria from Lithuanian lakes. <i>European Journal of Phycology</i> , 2020 , 55, 327-338	2.2	5
26	A study of episodic events in the Baltic Sea [combined in situ and satellite observations]**The project was financed by the National Centre for Research and Development (NCBiR) of Poland as contract No. 14-0004-04.. <i>Oceanologia</i> , 2012 , 54, 121-141	2.2	5
25	Eighteen New Aeruginosamide Variants Produced by the Baltic Cyanobacterium CCNP1324. <i>Marine Drugs</i> , 2020 , 18,	6	5
24	Morphologic, Phylogenetic and Chemical Characterization of a Brackish Colonial Picocyanobacterium (Coelosphaeriaceae) with Bioactive Properties. <i>Toxins</i> , 2016 , 8, 108	4.9	5
23	Luciferase reporter assay for small-molecule inhibitors of MIR92b-3p function: Screening cyanopeptolins produced by <i>Nostoc</i> from the Baltic Sea. <i>Toxicology in Vitro</i> , 2020 , 68, 104951	3.6	4
22	Response of Endolithic Strains From the Polyextreme Atacama Desert to Light Radiation. <i>Frontiers in Microbiology</i> , 2020 , 11, 614875	5.7	4
21	Characterization and Diversity of Microcystins Produced by Cyanobacteria from the Curonian Lagoon (SE Baltic Sea).. <i>Toxins</i> , 2021 , 13,	4.9	3
20	High Diversity of Microcystin Chemotypes within a Summer Bloom of the Cyanobacterium. <i>Toxins</i> , 2019 , 11,	4.9	3
19	Toxic oligopeptides in the cyanobacterium <i>Planktothrix agardhii</i> -dominated blooms and their effects on duckweed (Lemnaceae) development. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2018 , 41	1.4	3
18	Blooms of Toxic Cyanobacterium in Norwegian Fjords During Holocene Warm Periods. <i>Toxins</i> , 2020 , 12,	4.9	2
17	Stratification strength and light climate explain variation in chlorophyll a at the continental scale in a European multilake survey in a heatwave summer. <i>Limnology and Oceanography</i> , 2021 , 66, 4314	4.8	2
16	Competitive interactions as a mechanism for chemical diversity maintenance in <i>Nodularia spumigena</i> . <i>Scientific Reports</i> , 2021 , 11, 8970	4.9	2
15	Spatial and Temporal Diversity of Cyanometabolites in the Eutrophic Curonian Lagoon (SE Baltic Sea). <i>Water (Switzerland)</i> , 2021 , 13, 1760	3	2
14	Effect of crude extracts from <i>Nodularia spumigena</i> on round goby (<i>Neogobius melanostomus</i>). <i>Marine Environmental Research</i> , 2018 , 140, 61-68	3.3	2

13	Other Cyanobacterial Bioactive Substances 2017 , 179-195		1
12	Fragmentation mass spectra dataset of linear cyanopeptides - microginins. <i>Data in Brief</i> , 2020 , 31, 1058252		1
11	Response of endolithic Chroococciopsis strains from the polyextreme Atacama Desert to light radiation		1
10	CCNP1411 from the Baltic Sea-A New Producer of Nostocyclopeptides. <i>Marine Drugs</i> , 2020 , 18,	6	1
9	Presence of EN-methylamino-L-alanine in cyanobacteria and aquatic organisms from waters of Northern Poland; BMAA toxicity studies. <i>Toxicon</i> , 2021 , 194, 90-97	2.8	1
8	Comparative characterization of two cyanobacteria strains of the order Spirulinales isolated from the Baltic Sea - polyphasic approach in practice. <i>Algal Research</i> , 2021 , 55, 102170	5	1
7	Phytoplankton of the Curonian Lagoon as a New Interesting Source for Bioactive Natural Products. Special Impact on Cyanobacterial Metabolites. <i>Biomolecules</i> , 2021 , 11,	5.9	1
6	Pseudanabaena galeata CCNP1313 Biological Activity and Peptides Production. <i>Toxins</i> , 2022 , 14, 330	4.9	0
5	Liquid ChromatographyMass Spectrometry 2017 , 218-257		
4	Extraction of Cyanotoxins from Cyanobacterial Biomass 2017 , 350-353		
3	Extraction and Chemical Analysis of Planktopeptin and Anabaenopeptins 2017 , 452-461		
2	Impact of UV-A and UV-B radiation on growth and toxin production of Nodularia spumigena and Microcystis aeruginosa. <i>Algological Studies (Stuttgart, Germany: 2007)</i> , 2008 , 128, 79-94		1
1	Calcium peroxide (CaO ₂) granules enclosed in fabrics as an alternative H ₂ O ₂ delivery system to combat Microcystis sp.. <i>Chemical Engineering Journal Advances</i> , 2022 , 11, 100318	3.6	