

Jussi Meriluoto

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219
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77
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226
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8,161
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
219	Hepatocyte deformation induced by cyanobacterial toxins reflects inhibition of protein phosphatases. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 173, 1347-53	3.4	297
218	Adhesion and aggregation properties of probiotic and pathogen strains. <i>European Food Research and Technology</i> , 2008 , 226, 1065-1073	3.4	290
217	Role of commercial probiotic strains against human pathogen adhesion to intestinal mucus. <i>Letters in Applied Microbiology</i> , 2007 , 45, 454-60	2.9	195
216	Screening for cyanobacterial hepatotoxins, microcystins and nodularin in environmental water samples by reversed-phase liquid chromatography-electrospray ionisation mass spectrometry. <i>Journal of Chromatography A</i> , 2003 , 1020, 105-19	4.5	166
215	Hepatocellular uptake of 3H-dihydromicrocystin-LR, a cyclic peptide toxin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990 , 1025, 60-6	3.8	161
214	Chromatography of microcystins. <i>Analytica Chimica Acta</i> , 1997 , 352, 277-298	6.6	139
213	Oxidation of microcystins by permanganate: reaction kinetics and implications for water treatment. <i>Water Research</i> , 2007 , 41, 102-10	12.5	139
212	Toxicology of microcystins with reference to cases of human intoxications and epidemiological investigations of exposures to cyanobacteria and cyanotoxins. <i>Archives of Toxicology</i> , 2017 , 91, 621-650	5.8	137
211	Structure and toxicity of a peptide hepatotoxin from the cyanobacterium <i>Oscillatoria agardhii</i> . <i>Toxicon</i> , 1989 , 27, 1021-34	2.8	137
210	First observation of cylindrospermopsin in <i>Anabaena lapponica</i> isolated from the boreal environment (Finland). <i>Environmental Toxicology</i> , 2006 , 21, 552-60	4.2	135
209	Selective oxidation of key functional groups in cyanotoxins during drinking water ozonation. <i>Environmental Science & Technology</i> , 2007 , 41, 4397-404	10.3	131
208	Rapid microfilament reorganization induced in isolated rat hepatocytes by microcystin-LR, a cyclic peptide toxin. <i>Experimental Cell Research</i> , 1989 , 185, 86-100	4.2	131
207	Kinetics of reactions between chlorine and the cyanobacterial toxins microcystins. <i>Water Research</i> , 2005 , 39, 1628-38	12.5	119
206	Global geographical and historical overview of cyanotoxin distribution and cyanobacterial poisonings. <i>Archives of Toxicology</i> , 2019 , 93, 2429-2481	5.8	103
205	Accumulation of a peptide toxin from the cyanobacterium <i>Oscillatoria agardhii</i> in the freshwater mussel <i>Anadonta cygnea</i> . <i>Hydrobiologia</i> , 1989 , 183, 211-216	2.4	99
204	Interaction of probiotics and pathogens--benefits to human health?. <i>Current Opinion in Biotechnology</i> , 2010 , 21, 157-67	11.4	98
203	Combining strains of lactic acid bacteria may reduce their toxin and heavy metal removal efficiency from aqueous solution. <i>Letters in Applied Microbiology</i> , 2008 , 46, 160-5	2.9	98

202	Assimilation and depuration of microcystin-LR by the zebra mussel, <i>Dreissena polymorpha</i> . <i>Aquatic Toxicology</i> , 2004 , 69, 385-96	5.1	97
201	Microbial degradation of microcystins. <i>Chemical Research in Toxicology</i> , 2013 , 26, 841-52	4	94
200	Time-dependent accumulation of cyanobacterial hepatotoxins in flounders (<i>Platichthys flesus</i>) and mussels (<i>Mytilus edulis</i>) from the northern Baltic Sea. <i>Environmental Toxicology</i> , 2001 , 16, 330-6	4.2	85
199	Identification of ATP-synthase as a novel intracellular target for microcystin-LR. <i>Chemico-Biological Interactions</i> , 2003 , 142, 223-37	5	84
198	Rapid analysis of peptide toxins in cyanobacteria. <i>Journal of Chromatography A</i> , 1988 , 438, 93-9	4.5	84
197	Preliminary characterization of a toxin isolated from the cyanobacterium <i>Nodularia spumigena</i> . <i>Toxicon</i> , 1988 , 26, 161-6	2.8	84
196	Measurement of aggregation properties between probiotics and pathogens: in vitro evaluation of different methods. <i>Journal of Microbiological Methods</i> , 2007 , 71, 71-4	2.8	79
195	Oxidation of the cyanobacterial hepatotoxin microcystin-LR by chlorine dioxide: reaction kinetics, characterization, and toxicity of reaction products. <i>Environmental Science & Technology</i> , 2004 , 38, 6025-31	10.3	79
194	Microcystin uptake inhibits growth and protein phosphatase activity in mustard (<i>Sinapis alba</i> L.) seedlings. <i>Toxicon</i> , 1998 , 36, 1921-6	2.8	77
193	In vitro analysis of probiotic strain combinations to inhibit pathogen adhesion to human intestinal mucus. <i>Food Research International</i> , 2007 , 40, 629-636	7	77
192	Elimination of microcystins by water treatment processes-examples from Sulejow Reservoir, Poland. <i>Water Research</i> , 2005 , 39, 2394-406	12.5	75
191	Indigenous dadih lactic acid bacteria: cell-surface properties and interactions with pathogens. <i>Journal of Food Science</i> , 2007 , 72, M89-93	3.4	73
190	Toxic cyanobacteria and water quality problems-Examples from a eutrophic lake on land, South West Finland. <i>Water Research</i> , 1989 , 23, 481-486	12.5	71
189	Effects of microcystins on broccoli and mustard, and analysis of accumulated toxin by liquid chromatography-mass spectrometry. <i>Toxicon</i> , 2007 , 49, 865-74	2.8	69
188	Synthesis, organotropism and hepatocellular uptake of two tritium-labeled epimers of dihydromicrocystin-LR, a cyanobacterial peptide toxin analog. <i>Toxicon</i> , 1990 , 28, 1439-46	2.8	69
187	Comparative cellular toxicity of hydrophilic and hydrophobic microcystins on Caco-2 cells. <i>Toxins</i> , 2012 , 4, 1008-23	4.9	66
186	Detection of free and covalently bound microcystins in animal tissues by liquid chromatography-tandem mass spectrometry. <i>Environmental Pollution</i> , 2010 , 158, 948-52	9.3	65
185	Oxidation of MC-LR and -RR with chlorine and potassium permanganate: toxicity of the reaction products. <i>Water Research</i> , 2008 , 42, 1744-52	12.5	64

184	Aphanizomenon gracile (Nostocales), a cylindrospermopsin-producing cyanobacterium in Polish lakes. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 5243-64	5.1	61
183	First report of the cyanobacterial toxin cylindrospermopsin in the shallow, eutrophic lakes of western Poland. <i>Chemosphere</i> , 2009 , 74, 669-75	8.4	61
182	Cyanobacteria and cyanotoxins in fishponds and their effects on fish tissue. <i>Harmful Algae</i> , 2016 , 55, 66-76	5.3	61
181	Toxic algae and fish mortality in a brackish-water lake in Lång, SW Finland. <i>Hydrobiologia</i> , 1999 , 397, 109-120	2.4	60
180	Comparison of product ion spectra obtained by liquid chromatography/triple-quadrupole mass spectrometry for library search. <i>Rapid Communications in Mass Spectrometry</i> , 2004 , 18, 1039-46	2.2	59
179	Detection of nodularin in flounders and cod from the Baltic Sea. <i>Environmental Toxicology</i> , 2001 , 16, 121-6	4.2	59
178	Distribution of Hepatotoxic Cyanobacterial Blooms in Belgium and Luxembourg. <i>Hydrobiologia</i> , 2005 , 551, 99-117	2.4	58
177	Characterization of nodularin variants in Nodularia spumigena 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
176	Development of new probiotics by strain combinations: is it possible to improve the adhesion to intestinal mucus?. <i>Journal of Dairy Science</i> , 2007 , 90, 2710-6	4	55
175	High-performance liquid chromatographic separation of microcystins and nodularin, cyanobacterial peptide toxins, on C18 and amide C16 sorbents. <i>Journal of Chromatography A</i> , 2001 , 909, 225-36	4.5	54
174	Accumulation and depuration of cyanobacterial toxin nodularin and biomarker responses in the mussel <i>Mytilus edulis</i> . <i>Chemosphere</i> , 2007 , 68, 1210-7	8.4	52
173	Effects of dissolved cyanobacterial toxins on the survival and egg hatching of estuarine calanoid copepods. <i>Marine Biology</i> , 2002 , 140, 577-583	2.5	52
172	Quantitative LC-ESI-MS analyses of microcystins and nodularin-R in animal tissue--matrix effects and method validation. <i>Environmental Toxicology</i> , 2005 , 20, 381-9	4.2	52
171	Internal surface reversed-phase high-performance liquid chromatographic separation of the cyanobacterial peptide toxins microcystin-LA, -LR, -YR, -RR and nodularin. <i>Journal of Chromatography A</i> , 1990 , 509, 390-5	4.5	52
170	Interaction between microcystins of different hydrophobicities and lipid monolayers. <i>Toxicon</i> , 2003 , 41, 349-55	2.8	51
169	Removal of microcystin-LR by strains of metabolically active probiotic bacteria. <i>FEMS Microbiology Letters</i> , 2007 , 270, 27-33	2.9	48
168	Mass spectrometric detection of nodularin and desmethylnodularin in mussels and flounders. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003 , 784, 243-53	3.2	48
167	Structures and Activity of New Anabaenopeptins Produced by Baltic Sea Cyanobacteria. <i>Marine Drugs</i> , 2015 , 14, 8	6	48

166	Diversity of peptides produced by <i>Nodularia spumigena</i> from various geographical regions. <i>Marine Drugs</i> , 2012 , 11, 1-19	6	47
165	Accumulation of free and covalently bound microcystins in tissues of <i>Lymnaea stagnalis</i> (Gastropoda) following toxic cyanobacteria or dissolved microcystin-LR exposure. <i>Environmental Pollution</i> , 2010 , 158, 674-80	9.3	47
164	Rapid separation of microcystins and nodularin using a monolithic silica C18 column. <i>Journal of Chromatography A</i> , 2002 , 947, 237-45	4.5	47
163	Oxidation of the cyanobacterial hepatotoxin microcystin-LR by chlorine dioxide: influence of natural organic matter. <i>Environmental Science & Technology</i> , 2006 , 40, 1504-10	10.3	45
162	First observation of microcystin-LR in pelagic cyanobacterial blooms in the northern Baltic Sea. <i>Harmful Algae</i> , 2005 , 4, 163-166	5.3	43
161	Conformational studies of microcystin-LR using NMR spectroscopy and molecular dynamics calculations. <i>Biochemistry</i> , 1996 , 35, 3197-205	3.2	43
160	Heterologous expression and characterisation of microcystinase. <i>Toxicon</i> , 2012 , 59, 578-86	2.8	42
159	Rapid LC-MS detection of cyanobacterial hepatotoxins microcystins and nodularins--comparison of columns. <i>Analytica Chimica Acta</i> , 2009 , 653, 234-41	6.6	42
158	Cyanotoxins: sampling, sample processing and toxin uptake. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 619, 483-99	3.6	42
157	Recurrent Depth Maxima of the Hepatotoxic Cyanobacterium <i>Oscillatoria agardhii</i> . <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1991 , 48, 1629-1634	2.4	40
156	Toxic cyanobacteria and cyanotoxins in European waters Recent progress achieved through the CYANOCOST Action and challenges for further research. <i>Advances in Oceanography and Limnology</i> , 2017 , 8,	1.3	39
155	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
154	Cyanotoxin production in seven Ethiopian Rift Valley lakes. <i>Inland Waters</i> , 2011 , 1, 81-91	2.4	38
153	Electrochemical detection of microcystins, cyanobacterial peptide hepatotoxins, following high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1998 , 810, 226-30	4.5	38
152	Specific strains of probiotic bacteria are efficient in removal of several different cyanobacterial toxins from solution. <i>Toxicon</i> , 2008 , 52, 214-20	2.8	38
151	Trophic transfer of cyanobacterial toxins from zooplankton to planktivores: consequences for pike larvae and mysid shrimps. <i>Environmental Toxicology</i> , 2005 , 20, 354-62	4.2	38
150	Microcystin accumulation and potential effects on antioxidant capacity of leaves and fruits of <i>Capsicum annuum</i> . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017 , 80, 145-154	3.2	37
149	Fast separation of microcystins and nodularins on narrow-bore reversed-phase columns coupled to a conventional HPLC system. <i>Toxicon</i> , 2010 , 55, 954-64	2.8	37

148	Production and sedimentation of peptide toxins nodularin-R and microcystin-LR in the northern Baltic Sea. <i>Environmental Pollution</i> , 2009 , 157, 1301-9	9.3	37
147	Potential probiotic characteristics of Lactobacillus and Enterococcus strains isolated from traditional dadih fermented milk against pathogen intestinal colonization. <i>Journal of Food Protection</i> , 2007 , 70, 700-5	2.5	37
146	Uptake and accumulation of dissolved, radiolabeled nodularin in Baltic Sea zooplankton. <i>Environmental Toxicology</i> , 2003 , 18, 52-60	4.2	35
145	Structure of a hepatotoxic pentapeptide from the cyanobacterium Nodularia spumigena. <i>Toxicon</i> , 1990 , 28, 535-40	2.8	34
144	Computer modelling of the 3-dimensional structures of the cyanobacterial hepatotoxins microcystin-LR and nodularin. <i>Toxicon</i> , 1991 , 29, 901-6	2.8	34
143	Effect of glucose and incubation temperature on metabolically active Lactobacillus plantarum from dadih in removing microcystin-LR. <i>Food and Chemical Toxicology</i> , 2008 , 46, 502-7	4.7	33
142	Removal of the cyanobacterial toxin microcystin-LR by human probiotics. <i>Toxicon</i> , 2005 , 46, 111-4	2.8	33
141	Nodularin-induced genotoxicity following oxidative DNA damage and aneuploidy in HepG2 cells. <i>Toxicology Letters</i> , 2006 , 164, 239-48	4.4	33
140	Appendix 3: Tables of Microcystins and Nodularins 2017 , 526-537		32
139	Production of antibodies against microcystin-RR for the assessment of purified microcystins and cyanobacterial environmental samples. <i>Toxicon</i> , 2006 , 48, 295-306	2.8	32
138	Analysis of nodularin-R in eider (<i>Somateria mollissima</i>), roach (<i>Rutilus rutilus</i> L.), and flounder (<i>Platichthys flesus</i> L.) liver and muscle samples from the western Gulf of Finland, northern Baltic Sea. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 2834-9	3.8	32
137	Eiders (<i>Somateria mollissima</i>) obtain nodularin, a cyanobacterial hepatotoxin, in Baltic Sea food web. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 1256-60	3.8	32
136	Transfer of nodularin to three-spined stickleback (<i>Gasterosteus aculeatus</i> L.), herring (<i>Clupea harengus</i> L.), and salmon (<i>Salmo salar</i> L.) in the northern Baltic Sea. <i>Ecotoxicology and Environmental Safety</i> , 2007 , 66, 421-5	7	31
135	Characterization and Diversity of Cyano- bacterial Hepatotoxins (Microcystins) in Blooms from Polish Freshwaters Identified by Liquid Chromatography-Electrospray Ionisation Mass Spectrometry. <i>Chromatographia</i> , 2004 , 59,	2.1	31
134	Broad-Spectrum Noncompetitive Immunocomplex Immunoassay for Cyanobacterial Peptide Hepatotoxins (Microcystins and Nodularins). <i>Analytical Chemistry</i> , 2016 , 88, 10080-10087	7.8	31
133	Characterization of microcystin-LR removal process in the presence of probiotic bacteria. <i>Toxicon</i> , 2012 , 59, 171-81	2.8	30
132	Epidemiology of cancers in Serbia and possible connection with cyanobacterial blooms. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2014 , 32, 319-37	4.5	29
131	The toxicities of a polyunsaturated fatty acid and a microcystin to <i>Daphnia magna</i> . <i>Environmental Toxicology</i> , 2001 , 16, 444-8	4.2	28

130	Heterogeneity of nodularin bioaccumulation in northern Baltic Sea flounders in 2002. <i>Chemosphere</i> , 2005 , 59, 1091-7	8.4	27
129	The biodegradation of microcystins in temperate freshwater bodies with previous cyanobacterial history. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 145, 420-430	7	26
128	Screening for cyanobacterial hepatotoxins in herring and salmon from the Baltic Sea. <i>Aquatic Ecosystem Health and Management</i> , 2002 , 5, 451-456	1.4	26
127	Challenges of using blooms of <i>Microcystis</i> spp. in animal feeds: A comprehensive review of nutritional, toxicological and microbial health evaluation. <i>Science of the Total Environment</i> , 2021 , 764, 142319	10.2	26
126	Production and specificity of mono and polyclonal antibodies against microcystins conjugated through N-methyldehydroalanine. <i>Toxicon</i> , 2001 , 39, 477-83	2.8	25
125	Characterization of Enzymatic Activity of MlrB and MlrC Proteins Involved in Bacterial Degradation of Cyanotoxins Microcystins. <i>Toxins</i> , 2016 , 8,	4.9	25
124	Quantitative PCR detection and improved sample preparation of microcystin-producing <i>Anabaena</i> , <i>Microcystis</i> and <i>Planktothrix</i> . <i>Ecotoxicology and Environmental Safety</i> , 2013 , 87, 49-56	7	24
123	Detection of cyanobacterial sxt genes and paralytic shellfish toxins in freshwater lakes and brackish waters on Ånd Islands, Finland. <i>Harmful Algae</i> , 2015 , 46, 1-10	5.3	24
122	First report of cylindrospermopsin production by two cyanobacteria (<i>Dolichospermum mendotae</i> and <i>Chrysochloris ovalisporum</i>) in Lake Iznik, Turkey. <i>Toxins</i> , 2014 , 6, 3173-86	4.9	24
121	Toxicopathology induced by microcystins and nodularin: a histopathological review. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2015 , 33, 125-67	4.5	23
120	Accumulation and effects of nodularin from a single and repeated oral doses of cyanobacterium <i>Nodularia spumigena</i> on flounder (<i>Platichthys flesus</i> L.). <i>Archives of Environmental Contamination and Toxicology</i> , 2009 , 57, 164-73	3.2	23
119	Effect of glucose in removal of microcystin-LR by viable commercial probiotic strains and strains isolated from dadih fermented milk. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 3714-20	5.7	23
118	The degradation of the cyanobacterial hepatotoxin nodularin (NOD) by UV radiation. <i>Chemosphere</i> , 2006 , 65, 1388-95	8.4	23
117	Massive fish mortality and <i>Cylindrospermopsis raciborskii</i> bloom in Aleksandrovac Lake. <i>Ecotoxicology</i> , 2016 , 25, 1353-63	2.9	22
116	Oxidation of microcystin-LR with chlorine and permanganate during drinking water treatment 2008 , 57, 371-380		21
115	Cyanobacteria and microcystins in Koka reservoir (Ethiopia). <i>Environmental Science and Pollution Research</i> , 2018 , 25, 26861-26873	5.1	20
114	Nodularin in feathers and liver of eiders (<i>Somateria mollissima</i>) caught from the western Gulf of Finland in June-September 2005. <i>Harmful Algae</i> , 2008 , 7, 99-105	5.3	20
113	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

112	A time-resolved fluoroimmuno-metric assay for the detection of microcystins, cyanobacterial peptide hepatotoxins. <i>Toxicon</i> , 2001 , 39, 831-6	2.8	20
111	Quantity of the dinoflagellate sxtA4 gene and cell density correlates with paralytic shellfish toxin production in <i>Alexandrium ostenfeldii</i> blooms. <i>Harmful Algae</i> , 2016 , 52, 1-10	5.3	19
110	Microcystin occurrence in lakes in Långed, SW Finland. <i>Hydrobiologia</i> , 2003 , 505, 129-138	2.4	19
109	Separation of microcystins and nodularins by ultra performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 3822-30	3.2	18
108	Bioaccumulation of hepatotoxins - a considerable risk in the Latvian environment. <i>Environmental Pollution</i> , 2015 , 196, 313-20	9.3	17
107	Adrenoceptor activity of muscarinic toxins identified from mamba venoms. <i>British Journal of Pharmacology</i> , 2011 , 164, 538-50	8.6	17
106	Nucleotide excision repair impairment by nodularin in CHO cell lines due to ERCC1/XPF inactivation. <i>Toxicology Letters</i> , 2008 , 179, 101-7	4.4	17
105	Isolation and detection of microcystins and nodularins, cyanobacterial peptide hepatotoxins. <i>Methods in Molecular Biology</i> , 2000 , 145, 65-87	1.4	17
104	Cyanobacterial diversity and toxicity of biofilms from the Caspian Lowland loess deposits, North Iran. <i>Quaternary International</i> , 2017 , 429, 74-85	2	16
103	Elimination of cyanobacteria and microcystins in irrigation water-effects of hydrogen peroxide treatment. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 8638-8652	5.1	16
102	Mass spectrometric detection and quantification of nodularin-R in flounder livers. <i>Environmental Toxicology</i> , 2003 , 18, 284-8	4.2	16
101	Appendix 2: Cyanobacteria Associated With the Production of Cyanotoxins 2017 , 501-525		15
100	Chromatographic and spectral behaviour and detection of hepatotoxic nodularin in fish, clam, mussel and mouse tissues using HPLC analysis. <i>Chromatographia</i> , 2002 , 55, 157-162	2.1	15
99	Microcystins and Nodularins 2017 , 107-126		14
98	Picocyanobacteria 2017 , 19-27		14
97	Butyrolactone I Quantification from Lovastatin Producing <i>Aspergillus terreus</i> Using Tandem Mass Spectrometry-Evidence of Signalling Functions. <i>Microorganisms</i> , 2014 , 2, 111-27	4.9	14
96	Effects of ship traffic on archipelago waters off the Långed harbour in Långed, SW Finland. <i>Hydrobiologia</i> , 2001 , 444, 217-225	2.4	14
95	The first observation of okadaic acid in flounder in the Baltic Sea. <i>Sarsia</i> , 2000 , 85, 471-475		14

94	Retention mechanisms and selectivity in internal-surface reversed-phase liquid chromatography. Studies with cyanobacterial peptide toxins. <i>Chromatographia</i> , 1990 , 30, 301-308	2.1	14
93	Assessment of cyanoprokaryote blooms and of cyanotoxins in Bulgaria in a 15-years period (2000-2015). <i>Advances in Oceanography and Limnology</i> , 2017 , 8,	1.3	13
92	Cyanobacterial effects in Lake Ludoš, Serbia - Is preservation of a degraded aquatic ecosystem justified?. <i>Science of the Total Environment</i> , 2018 , 635, 1047-1062	10.2	13
91	Transcriptomic Complexity of <i>Aspergillus terreus</i> Velvet Gene Family under the Influence of Butyrolactone I. <i>Microorganisms</i> , 2017 , 5,	4.9	13
90	The structure and toxicity of winter cyanobacterial bloom in a eutrophic lake of the temperate zone. <i>Ecotoxicology</i> , 2018 , 27, 752-760	2.9	13
89	Rapid quantification of mcyB copy numbers on dry chemistry PCR chips and predictability of microcystin concentrations in freshwater environments. <i>Harmful Algae</i> , 2014 , 39, 280-286	5.3	12
88	Synthesis and organotropism of 3H-dihydro derivatives of the cyanobacterial peptide hepatotoxin nodularin. <i>Toxicon</i> , 2003 , 41, 153-62	2.8	12
87	Choosing analytical strategy for microcystins. <i>Phycologia</i> , 1996 , 35, 125-132	2.7	12
86	First report of cyanobacterial paralytic shellfish toxin biosynthesis genes and paralytic shellfish toxin production in Polish freshwater lakes. <i>Advances in Oceanography and Limnology</i> , 2017 , 8,	1.3	11
85	Effects of <i>Daphnia</i> exudates and sodium octyl sulphates on filament morphology and cell wall thickness of <i>Aphanizomenon gracile</i> (Nostocales), <i>Cylindrospermopsis raciborskii</i> (Nostocales) and <i>Planktothrix agardhii</i> (Oscillatoriales). <i>European Journal of Phycology</i> , 2018 , 53, 280-289	2.2	11
84	Cyanobacteria and loess – an underestimated interaction. <i>Plant and Soil</i> , 2019 , 439, 293-308	4.2	10
83	Removal of cholera toxin from aqueous solution by probiotic bacteria. <i>Pharmaceuticals</i> , 2012 , 5, 665-73	5.2	10
82	Legal and security requirements for the air transportation of cyanotoxins and toxigenic cyanobacterial cells for legitimate research and analytical purposes. <i>Toxicology Letters</i> , 2006 , 163, 85-90	4.4	10
81	Cellular effects of cyanobacterial peptide toxins. <i>Toxicity Assessment</i> , 1988 , 3, 511-518		10
80	Non-competitive ELISA with broad specificity for microcystins and nodularins. <i>Advances in Oceanography and Limnology</i> , 2017 , 8,	1.3	9
79	LC-ESI-Q-TOF-MS for faster and accurate determination of microcystins and nodularins in serum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 2433-2441	3.2	9
78	The Effect of a Combined Hydrogen Peroxide-MlrA Treatment on the Phytoplankton Community and Microcystin Concentrations in a Mesocosm Experiment in Lake Ludoš. <i>Toxins</i> , 2019 , 11,	4.9	9
77	Screening of cyanobacterial cultures originating from different environments for cyanotoxicity and cyanotoxins. <i>Toxicon</i> , 2018 , 154, 1-6	2.8	9

76	A comparison of toxins isolated from the cyanobacteria <i>Oscillatoria agardhii</i> and <i>Microcystis aeruginosa</i> . <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1988 , 89, 207-10		8
75	Expansion of Alien and Invasive Cyanobacteria 2017 , 28-39		7
74	Melanisation of <i>Aspergillus terreus</i> -Is Butyrolactone I Involved in the Regulation of Both DOPA and DHN Types of Pigments in Submerged Culture?. <i>Microorganisms</i> , 2017 , 5,	4-9	7
73	Ecological effects of hepatotoxic cyanobacteria. <i>Environmental Toxicology and Water Quality</i> , 1992 , 7, 87-93		7
72	Cylindrospermopsin and Congeners 2017 , 127-137		6
71	Lessons from the Ulfte Case 2017 , 298-308		6
70	Basic Guide to Detection and Monitoring of Potentially Toxic Cyanobacteria 2017 , 46-69		6
69	Pink snapper (<i>Pagrus auratus</i>) as a bioindicator of aquatic. Environmental health in Western Australia. <i>Environmental Toxicology</i> , 2001 , 16, 449-54	4-2	6
68	Loess and life out of Earth?. <i>Quaternary International</i> , 2016 , 399, 208-217	2	5
67	Protected Freshwater Ecosystem with Incessant Cyanobacterial Blooming Awaiting a Resolution. <i>Water (Switzerland)</i> , 2020 , 12, 129	3	5
66	Morphologic, Phylogenetic and Chemical Characterization of a Brackish Colonial Picocyanobacterium (Coelosphaeriaceae) with Bioactive Properties. <i>Toxins</i> , 2016 , 8, 108	4-9	5
65	Remote Sensing of Cyanobacterial Blooms in Inland, Coastal, and Ocean Waters 2017 , 89-99		4
64	In Vitro Toxicological Screening of Stable and Senescing Cultures of , , and. <i>Toxins</i> , 2020 , 12,	4-9	4
63	Oxygen produced by cyanobacteria in simulated Archaean conditions partly oxidizes ferrous iron but mostly escapes-conclusions about early evolution. <i>Photosynthesis Research</i> , 2016 , 130, 103-111	3-7	4
62	Anatoxin-a, Homoanatoxin-a, and Natural Analogues 2017 , 138-147		3
61	Saxitoxin and Analogues 2017 , 148-154		3
60	Determination of Cyanotoxins by High-Performance Liquid Chromatography with Photodiode Array 2017 , 203-211		3
59	Cyanobacterial Samples 2017 , 313-330		3

58	Analysis of Picocyanobacteria Abundance in Epifluorescence Microscopy 2017 , 339-342		3
57	Cyanobacterial Potential for Restoration of Loess Surfaces through Artificially Induced Biocrusts. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 66	2.6	3
56	Molecular Tools for the Detection of Toxigenic Cyanobacteria in Natural Ecosystems 2017 , 280-283		2
55	Estimation of Cyanobacteria Biomass by Marker Pigment Analysis 2017 , 343-349		2
54	Solid-Phase Extraction of Microcystins and Nodularin from Drinking Water 2017 , 354-357		2
53	Determination of Microcystins and Nodularin in Filtered and Drinking Water by LC-MS/MS 2017 , 372-378		2
52	Extraction and LC-MS/MS Analysis of Underivatised BMAA 2017 , 439-446		2
51	New Tools for the Monitoring of Cyanobacteria in Freshwater Ecosystems 2017 , 84-88		2
50	Potential of cyanobacterial secondary metabolites as biomarkers for paleoclimate reconstruction. <i>Catena</i> , 2020 , 185, 104283	5.8	2
49	Does the Kis-Balaton Water Protection System (KBWPS) Effectively Safeguard Lake Balaton from Toxic Cyanobacterial Blooms?. <i>Microorganisms</i> , 2021 , 9,	4.9	2
48	Anatoxin-a(S) 2017 , 155-159		1
47	EN-Methylamino-l-Alanine and (S)-2,4-Diaminobutyric Acid 2017 , 160-164		1
46	Lipopolysaccharide Endotoxins 2017 , 165-172		1
45	Cyanobacterial Retinoids 2017 , 173-178		1
44	Other Cyanobacterial Bioactive Substances 2017 , 179-195		1
43	Ecology of Cyanobacteria 2017 , 9-18		1
42	Taste and Odour Compounds Produced by Cyanobacteria 2017 , 196-201		1
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38	Phycocyanin Extraction and Determination 2017 , 335-338		1
37	Extraction of Microcystins from Animal Tissues 2017 , 358-361		1
36	Analysis of Microcystins by Online Solid Phase Extraction–Liquid Chromatography Tandem Mass Spectrometry 2017 , 362-371		1
35	Determination of Anatoxin-a in Filtered and Drinking Water by LC-MS/MS 2017 , 408-412		1
34	Extraction and Chemical Analysis of Saxitoxin and Analogues in Water 2017 , 418-431		1
33	Extraction, Purification, and Testing of LPS from Cyanobacterial Samples 2017 , 447-451		1
32	Rapid Analysis of Geosmin and 2-Methylisoborneol from Aqueous Samples Using Solid-Phase Extraction and GC-MS 2017 , 475-480		1
31	Basic Validation Protocol for the Analysis of Cyanotoxins in Environmental Samples 2017 , 481-485		1
30	Case Studies of Environmental Sampling, Detection, and Monitoring of Potentially Toxic Cyanobacteria 2017 , 70-83		1
29	Glycosylphosphatidylinositol (GPI)-anchoring of mamba toxins enables cell-restricted receptor silencing. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 417, 93-7	3.4	1
28	Chapter 11B Toxins of freshwater cyanobacteria (blue-green algae). <i>Handbook of Analytical Separations</i> , 2000 , 359-390	0.7	1
27	Chlorophyll a Extraction and Determination 2017 , 331-334		0
26	Determination of Geosmin and 2-Methylisoborneol in Water by HS-SPME-GC/MS 2017 , 469-474		0
25	Exposure of mallards (<i>Anas platyrhynchos</i>) to the hepatotoxic cyanobacterium <i>Nodularia spumigena</i> . <i>Toxicological and Environmental Chemistry</i> , 2008 , 90, 437-444	1.4	0
24	Cyanobacteria, cyanotoxins, and their histopathological effects on fish tissues in Fehérvári reservoir, Hungary. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 554	3.1	0
23	Plankton hitch-hikers on naturalists' instruments as silent intruders of aquatic ecosystems: current risks and possible prevention. <i>NeoBiota</i> , 73 , 193-219	4.2	0

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