# Jussi Meriluoto

List of Publications by Year
in descending order



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|---|---|---|---|
| 161 papers | 9,162 citations | 28190 55 h-index | 51492 86 g-index |
| 226 all docs | 226 docs citations | 226 times ranked | 6425 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Adhesion and aggregation properties of probiotic and pathogen strains. European Food Research and Technology, 2008, 226, 1065-1073. | 1.6 | 400 |
| 2 | Hepatocyte deformation induced by cyanobacterial toxins reflects inhibition of protein phosphatases. Biochemical and Biophysical Research Communications, 1990, 173, 1347-1353. | 1.0 | 331 |
| 3 | Role of commercial probiotic strains against human pathogen adhesion to intestinal mucus. Letters in Applied Microbiology, 2007, 45, 454-460. | 1.0 | 245 |
| 4 | Global geographical and historical overview of cyanotoxin distribution and cyanobacterial poisonings. Archives of Toxicology, 2019, 93, 2429-2481. | 1.9 | 230 |
| 5 | Screening for cyanobacterial hepatotoxins, microcystins and nodularin in environmental water samples by reversed-phase liquid chromatographyâ€“electrospray ionisation mass spectrometry. Journal of Chromatography A, 2003, 1020, 105-119. | 1.8 | 194 |
| 6 | Hepatocellular uptake of 3H-dihydromicrocystin-LR, a cyclic peptide toxin. Biochimica Et Biophysica Acta - Biomembranes, 1990, 1025, 60-66. | 1.4 | 183 |
| 7 | Toxicology of microcystins with reference to cases of human intoxications and epidemiological investigations of exposures to cyanobacteria and cyanotoxins. Archives of Toxicology, 2017, 91, 621-650. | 1.9 | 180 |
| 8 | Oxidation of microcystins by permanganate: Reaction kinetics and implications for water treatment. Water Research, 2007, 41, 102-110. | 5.3 | 164 |
| 9 | Chromatography of microcystins. Analytica Chimica Acta, 1997, 352, 277-298. | 2.6 | 159 |
| 10 | First observation of cylindrospermopsin inAnabaena lapponica isolated from the boreal environment (Finland). Environmental Toxicology, 2006, 21, 552-560. | 2.1 | 153 |
| 11 | Selective Oxidation of Key Functional Groups in Cyanotoxins during Drinking Water Ozonation. Environmental Science & Technology, 2007, 41, 4397-4404. | 4.6 | 152 |
| 12 | Structure and toxicity of a peptide hepatotoxin from the cyanobacterium Oscillatoria agardhii. Toxicon, 1989, 27, 1021-1034. | 0.8 | 149 |
| 13 | Kinetics of reactions between chlorine and the cyanobacterial toxins microcystins. Water Research, 2005, 39, 1628-1638. | 5.3 | 144 |
| 14 | Rapid microfilament reorganization induced in isolated rat hepatocytes by microcystin-LR, a cyclic peptide toxin. Experimental Cell Research, 1989, 185, 86-100. | 1.2 | 139 |
| 15 | Combining strains of lactic acid bacteria may reduce their toxin and heavy metal removal efficiency from aqueous solution. Letters in Applied Microbiology, 2008, 46, 160-165. | 1.0 | 135 |
| 16 | Interaction of probiotics and pathogensâ€"benefits to human health?. Current Opinion in Biotechnology, 2010, 21, 157-167. | 3.3 | 126 |
| 17 | Microbial Degradation of Microcystins. Chemical Research in Toxicology, 2013, 26, 841-852. | 1.7 | 114 |
| 18 | Accumulation of a peptide toxin from the cyanobacterium Oscillatoria agardhii in the freshwater mussel Anadonta cygnea. Hydrobiologia, 1989, 183, 211-216. | 1.0 | 112 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Measurement of aggregation properties between probiotics and pathogens: In vitro evaluation of different methods. Journal of Microbiological Methods, 2007, 71, 71-74. | 0.7 | 108 |
| 20 | Assimilation and depuration of microcystinâ€"LR by the zebra mussel, Dreissena polymorpha. Aquatic Toxicology, 2004, 69, 385-396. | 1.9 | 106 |
| 21 | Rapid analysis of peptide toxins in cyanobacteria. Journal of Chromatography A, 1988, 438, 93-99. | 1.8 | 100 |
| 22 | Time-dependent accumulation of cyanobacterial hepatotoxins in flounders (Platichthys flesus) and Mussels (Mytilus edulis) from the Northern Baltic Sea. Environmental Toxicology, 2001, 16, 330-336. | 2.1 | 98 |
| 23 | Challenges of using blooms of Microcystis spp. in animal feeds: A comprehensive review of nutritional, toxicological and microbial health evaluation. Science of the Total Environment, 2021, 764, 142319. | 3.9 | 97 |
| 24 | In vitro analysis of probiotic strain combinations to inhibit pathogen adhesion to human intestinal mucus. Food Research International, 2007, 40, 629-636. | 2.9 | 96 |
| 25 | Preliminary characterization of a toxin isolated from the cyanobacterium Nodularia spumigena. Toxicon, 1988, 26, 161-166. | 0.8 | 95 |
| 26 | Identification of ATP-synthase as a novel intracellular target for microcystin-LR. Chemico-Biological Interactions, 2003, 142, 223-237. | 1.7 | 94 |
| 27 | Indigenous Dadih Lactic Acid Bacteria: Cell-Surface Properties and Interactions with Pathogens. Journal of Food Science, 2007, 72, M89-M93. | 1.5 | 93 |
| 28 | Elimination of microcystins by water treatment processesâ€"examples from Sulejow Reservoir, Poland. Water Research, 2005, 39, 2394-2406. | 5.3 | 92 |
| 29 | Toxic cyanobacteria and water quality problemsâ€"Examples from a eutrophic lake on Ã…land, South West Finland. Water Research, 1989, 23, 481-486. | 5.3 | 91 |
| 30 | Oxidation of the Cyanobacterial Hepatotoxin Microcystin-LR by Chlorine Dioxide:Â Reaction Kinetics, Characterization, and Toxicity of Reaction Products. Environmental Science & Technology, 2004, 38, 6025-6031. | 4.6 | 89 |
| 31 | Microcystin uptake inhibits growth and protein phosphatase activity in mustard (Sinapis alba L.) seedlings. Toxicon, 1998, 36, 1921-1926. | 0.8 | 82 |
| 32 | Effects of microcystins on broccoli and mustard, and analysis of accumulated toxin by liquid chromatographyâ€"mass spectrometry. Toxicon, 2007, 49, 865-874. | 0.8 | 80 |
| 33 | Comparative Cellular Toxicity of Hydrophilic and Hydrophobic Microcystins on Caco-2 Cells. Toxins, 2012, 4, 1008-1023. | 1.5 | 80 |
| 34 | Cyanobacteria and cyanotoxins in fishponds and their effects on fish tissue. Harmful Algae, 2016, 55, 66-76. | 2.2 | 80 |
| 35 | Synthesis, organotropism and hepatocellular uptake of two tritium-labeled epimers of dihydromicrocystin-LR, a cyanobacterial peptide toxin analog. Toxicon, 1990, 28, 1439-1446. | 0.8 | 78 |
| 36 | Oxidation of MC-LR and -RR with chlorine and potassium permanganate: Toxicity of the reaction products. Water Research, 2008, 42, 1744-1752. | 5.3 | 77 |

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| 37 | Development of New Probiotics by Strain Combinations: Is It Possible to Improve the Adhesion to Intestinal Mucus?. Journal of Dairy Science, 2007, 90, 2710-2716. | 1.4 | 76 |
| 38 | Toxic algae and fish mortality in a brackish-water lake in Ã…land, SW Finland. Hydrobiologia, 1999, 397, 109-120. | 1.0 | 75 |
| 39 | Detection of free and covalently bound microcystins in animal tissues by liquid chromatographyâ€"tandem mass spectrometry. Environmental Pollution, 2010, 158, 948-952. | 3.7 | 74 |
| 40 | Detection of nodularin in flounders and cod from the Baltic Sea. Environmental Toxicology, 2001, 16, 121-126. | 2.1 | 73 |
| 41 | Distribution of Hepatotoxic Cyanobacterial Blooms in Belgium and Luxembourg. Hydrobiologia, 2005, 551, 99-117. | 1.0 | 71 |
| 42 | Aphanizomenon gracile (Nostocales), a cylindrospermopsin-producing cyanobacterium in Polish lakes. Environmental Science and Pollution Research, 2013, 20, 5243-5264. | 2.7 | 70 |
| 43 | First report of the cyanobacterial toxin cylindrospermopsin in the shallow, eutrophic lakes of western Poland. Chemosphere, 2009, 74, 669-675. | 4.2 | 66 |
| 44 | Structures and Activity of New Anabaenopeptins Produced by Baltic Sea Cyanobacteria. Marine Drugs, 2016, 14, 8. | 2.2 | 65 |
| 45 | Toxic cyanobacteria and cyanotoxins in European waters â€" recent progress achieved through the CYANOCOST Action and challenges for further research. Advances in Oceanography and Limnology, 2017, 8, . | 0.2 | 64 |
| 46 | Characterization of nodularin variants inNodularia spumigena from the Baltic Sea using liquid chromatography/mass spectrometry/mass spectrometry. Rapid Communications in Mass Spectrometry, 2006, 20, 2023-2032. | 0.7 | 63 |
| 47 | Comparison of product ion spectra obtained by liquid chromatography/triple-quadrupole mass spectrometry for library search. Rapid Communications in Mass Spectrometry, 2004, 18, 1039-1046. | 0.7 | 61 |
| 48 | Quantitative LC-ESI-MS analyses of microcystins and nodularin-R in animal tissueâ€"Matrix effects and method validation. Environmental Toxicology, 2005, 20, 381-389. | 2.1 | 61 |
| 49 | Accumulation and depuration of cyanobacterial toxin nodularin and biomarker responses in the mussel Mytilus edulis. Chemosphere, 2007, 68, 1210-1217. | 4.2 | 61 |
| 50 | High-performance liquid chromatographic separation of microcystins and nodularin, cyanobacterial peptide toxins, on C18 and amide C16 sorbents. Journal of Chromatography A, 2001, 909, 225-236. | 1.8 | 60 |
| 51 | Diversity of Peptides Produced by Nodularia spumigena from Various Geographical Regions. Marine Drugs, 2013, 11, 1-19. | 2.2 | 58 |
| 52 | Rapid separation of microcystins and nodularin using a monolithic silica C18 column. Journal of Chromatography A, 2002, 947, 237-245. | 1.8 | 57 |
| 53 | Interaction between microcystins of different hydrophobicities and lipid monolayers. Toxicon, 2003, 41, 349-355. | 0.8 | 57 |
| 54 | Effects of dissolved cyanobacterial toxins on the survival and egg hatching of estuarine calanoid copepods. Marine Biology, 2002, 140, 577-583. | 0.7 | 56 |

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| 55 | Oxidation of the Cyanobacterial Hepatotoxin Microcystin-LR by Chlorine Dioxide:Â Influence of Natural Organic Matter. Environmental Science & Technology, 2006, 40, 1504-1510. | 4.6 | 56 |
| 56 | Removal of microcystin-LR by strains of metabolically active probiotic bacteria. FEMS Microbiology Letters, 2007, 270, 27-33. | 0.7 | 56 |
| 57 | Accumulation of free and covalently bound microcystins in tissues of Lymnaea stagnalis (Gastropoda) following toxic cyanobacteria or dissolved microcystin-LR exposure. Environmental Pollution, 2010, 158, 674-680. | 3.7 | 55 |
| 58 | Internal surface reversed-phase high-performance liquid chromatographic separation of the cyanobacterial peptide toxins microcystin-LA, -LR, -YR, -RR and nodularin. Journal of Chromatography A, 1990, 509, 390-395. | 1.8 | 54 |
| 59 | Mass spectrometric detection of nodularin and desmethylnodularin in mussels and flounders. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 784, 243-253. | 1.2 | 53 |
| 60 | Heterologous expression and characterisation of microcystinase. Toxicon, 2012, 59, 578-586. | 0.8 | 51 |
| 61 | Potential Probiotic Characteristics of Lactobacillus and Enterococcus Strains Isolated from Traditional Dadih Fermented Milk against Pathogen Intestinal Colonization. Journal of Food Protection, 2007, 70, 700-705. | 0.8 | 50 |
| 62 | Rapid LCâ€“MS detection of cyanobacterial hepatotoxins microcystins and nodularinsâ€"Comparison of columns. Analytica Chimica Acta, 2009, 653, 234-241. | 2.6 | 50 |
| 63 | First observation of microcystin-LR in pelagic cyanobacterial blooms in the northern Baltic Sea. Harmful Algae, 2005, 4, 163-166. | 2.2 | 49 |
| 64 | Microcystin accumulation and potential effects on antioxidant capacity of leaves and fruits of<i>Capsicum annuum</i>. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 145-154. | 1.1 | 49 |
| 65 | Conformational Studies of Microcystin-LR Using NMR Spectroscopy and Molecular Dynamics Calculationsâ€,â€¡. Biochemistry, 1996, 35, 3197-3205. | 1.2 | 48 |
| 66 | A Collaborative Evaluation of LC-MS/MS Based Methods for BMAA Analysis: Soluble Bound BMAA Found to Be an Important Fraction. Marine Drugs, 2016, 14, 45. | 2.2 | 47 |
| 67 | Recurrent Depth Maxima of the Hepatotoxic Cyanobacterium Oscillatoria agardhii. Canadian Journal of Fisheries and Aquatic Sciences, 1991, 48, 1629-1634. | 0.7 | 46 |
| 68 | Trophic transfer of cyanobacterial toxins from zooplankton to planktivores: Consequences for pike larvae and mysid shrimps. Environmental Toxicology, 2005, 20, 354-362. | 2.1 | 46 |
| 69 | Specific strains of probiotic bacteria are efficient in removal of several different cyanobacterial toxins from solution. Toxicon, 2008, 52, 214-220. | 0.8 | 46 |
| 70 | Electrochemical detection of microcystins, cyanobacterial peptide hepatotoxins, following high-performance liquid chromatography. Journal of Chromatography A, 1998, 810, 226-230. | 1.8 | 45 |
| 71 | Cyanotoxins: sampling, sample processing and toxin uptake. Advances in Experimental Medicine and Biology, 2008, 619, 483-499. | 0.8 | 45 |
| 72 | Characterization and Diversity of Cyano- bacterial Hepatotoxins (Microcystins) in Blooms from Polish Freshwaters Identified by Liquid Chromatography-Electrospray Ionisation Mass Spectrometry. Chromatographia, 2004, 59, . | 0.7 | 44 |

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| 73 | Cyanotoxin production in seven Ethiopian Rift Valley Lakes. Inland Waters, 2011, 1, 81-91. | 1.1 | 44 |
| 74 | Epidemiology of Cancers in Serbia and Possible Connection with Cyanobacterial Blooms. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2014, 32, 319-337. | 2.9 | 44 |
| 75 | Uptake and accumulation of dissolved, radiolabeled nodularin in Baltic Sea zooplankton. Environmental Toxicology, 2003, 18, 52-60. | 2.1 | 42 |
| 76 | Fast separation of microcystins and nodularins on narrow-bore reversed-phase columns coupled to a conventional HPLC system. Toxicon, 2010, 55, 954-964. | 0.8 | 42 |
| 77 | Removal of the cyanobacterial toxin microcystin-LR by human probiotics. Toxicon, 2005, 46, 111-114. | 0.8 | 41 |
| 78 | The biodegradation of microcystins in temperate freshwater bodies with previous cyanobacterial history. Ecotoxicology and Environmental Safety, 2017, 145, 420-430. | 2.9 | 41 |
| 79 | Characterization of microcystin-LR removal process in the presence of probiotic bacteria. Toxicon, 2012, 59, 171-181. | 0.8 | 40 |
| 80 | Production and sedimentation of peptide toxins nodularin-R and microcystin-LR in the northern Baltic Sea. Environmental Pollution, 2009, 157, 1301-1309. | 3.7 | 39 |
| 81 | Structure of a hepatotoxic pentapeptide from the cyanobacterium Nodularia spumigena. Toxicon, 1990, 28, 535-540. | 0.8 | 37 |
| 82 | Computer modelling of the 3-dimensional structures of the cyanobacterial hepatotoxins microcystin-LR and nodularin. Toxicon, 1991, 29, 901-906. | 0.8 | 37 |
| 83 | EIDERS (SOMATERIA MOLLISSIMA) OBTAIN NODULARIN, A CYANOBACTERIAL HEPATOTOXIN, IN BALTIC SEA FOOD WEB. Environmental Toxicology and Chemistry, 2004, 23, 1256. | 2.2 | 37 |
| 84 | Broad-Spectrum Noncompetitive Immunocomplex Immunoassay for Cyanobacterial Peptide Hepatotoxins (Microcystins and Nodularins). Analytical Chemistry, 2016, 88, 10080-10087. | 3.2 | 37 |
| 85 | The structure and toxicity of winter cyanobacterial bloom in a eutrophic lake of the temperate zone. Ecotoxicology, 2018, 27, 752-760. | 1.1 | 37 |
| 86 | Effect of glucose and incubation temperature on metabolically active Lactobacillus plantarum from dadih in removing microcystin-LR. Food and Chemical Toxicology, 2008, 46, 502-507. | 1.8 | 36 |
| 87 | Characterization of Enzymatic Activity of MlrB and MlrC Proteins Involved in Bacterial Degradation of Cyanotoxins Microcystins. Toxins, 2016, 8, 76. | 1.5 | 36 |
| 88 | ANALYSIS OF NODULARIN-R IN EIDER (SOMATERIA MOLLISSIMA), ROACH (RUTILUS RUTILUS L.), AND FLOUNDER (PLATICHTHYS FLESUS L.) LIVER AND MUSCLE SAMPLES FROM THE WESTERN GULF OF FINLAND, NORTHERN BALTIC SEA. Environmental Toxicology and Chemistry, 2006, 25, 2834. | 2.2 | 35 |
| 89 | Transfer of nodularin to three-spined stickleback (Gasterosteus aculeatus L.), herring (Clupea) Tj ETQq1 1 0.784314 rgBT /Overlock 10 [illegible] Environmental Safety, 2007, 66, 421-425. | 2.9 | 35 |
| 90 | First Report of Cylindrospermopsin Production by Two Cyanobacteria (Dolichospermum mendotae and) Tj ETQq0 0 0 rgBT /Overlock 10 | 1.5 | 35 |

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| 91 | The toxicities of a polyunsaturated fatty acid and a microcystin toDaphnia magna. Environmental Toxicology, 2001, 16, 444-448. | 2.1 | 34 |
| 92 | Nodularin-induced genotoxicity following oxidative DNA damage and aneuploidy in HepG2 cells. Toxicology Letters, 2006, 164, 239-248. | 0.4 | 34 |
| 93 | Production of antibodies against microcystin-RR for the assessment of purified microcystins and cyanobacterial environmental samples. Toxicon, 2006, 48, 295-306. | 0.8 | 33 |
| 94 | Heterogeneity of nodularin bioaccumulation in northern Baltic Sea flounders in 2002. Chemosphere, 2005, 59, 1091-1097. | 4.2 | 32 |
| 95 | Detection of cyanobacterial sxt genes and paralytic shellfish toxins in freshwater lakes and brackish waters on Ã…land Islands, Finland. Harmful Algae, 2015, 46, 1-10. | 2.2 | 30 |
| 96 | Toxicopathology Induced by Microcystins and Nodularin: AÂHistopathological Review. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2015, 33, 125-167. | 2.9 | 30 |
| 97 | Massive fish mortality and Cylindrospermopsis raciborskii bloom in Aleksandrovac Lake. Ecotoxicology, 2016, 25, 1353-1363. | 1.1 | 30 |
| 98 | Transcriptomic Complexity of Aspergillus terreus Velvet Gene Family under the Influence of Butyrolactone I. Microorganisms, 2017, 5, 12. | 1.6 | 30 |
| 99 | Cyanobacteria and microcystins in Koka reservoir (Ethiopia). Environmental Science and Pollution Research, 2018, 25, 26861-26873. | 2.7 | 30 |
| 100 | Elimination of cyanobacteria and microcystins in irrigation waterâ€"effects of hydrogen peroxide treatment. Environmental Science and Pollution Research, 2020, 27, 8638-8652. | 2.7 | 30 |
| 101 | Quantitative PCR detection and improved sample preparation of microcystin-producing Anabaena, Microcystis and Planktothrix. Ecotoxicology and Environmental Safety, 2013, 87, 49-56. | 2.9 | 29 |
| 102 | Production and specificity of mono and polyclonal antibodies against microcystins conjugated through N-methyldehydroalanine. Toxicon, 2001, 39, 477-483. | 0.8 | 27 |
| 103 | Screening for cyanobacterial hepatotoxins in herring and salmon from the Baltic Sea. Aquatic Ecosystem Health and Management, 2002, 5, 451-456. | 0.3 | 27 |
| 104 | Cyanobacterial hepatotoxins, microcystins and nodularins, in fresh and brackish waters of the Pomeranian Province, northern Poland. Oceanological and Hydrobiological Studies, 2008, 37, 3-21. | 0.3 | 27 |
| 105 | Effect of Glucose in Removal of Microcystin-LR by Viable Commercial Probiotic Strains and Strains Isolated from Dadih Fermented Milk. Journal of Agricultural and Food Chemistry, 2008, 56, 3714-3720. | 2.4 | 26 |
| 106 | Oxidation of microcystin-LR with chlorine and permanganate during drinking water treatment. Journal of Water Supply: Research and Technology - AQUA, 2008, 57, 371-380. | 0.6 | 26 |
| 107 | Accumulation and Effects of Nodularin from a Single and Repeated Oral Doses of Cyanobacterium Nodularia spumigena on Flounder (Platichthys flesus L.). Archives of Environmental Contamination and Toxicology, 2009, 57, 164-173. | 2.1 | 25 |
| 108 | Quantity of the dinoflagellate sxtA4 gene and cell density correlates with paralytic shellfish toxin production in Alexandrium ostenfeldii blooms. Harmful Algae, 2016, 52, 1-10. | 2.2 | 25 |

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| 109 | A time-resolved fluoroimmunometric assay for the detection of microcystins, cyanobacterial peptide hepatotoxins. Toxicon, 2001, 39, 831-836. | 0.8 | 24 |
| 110 | The degradation of the cyanobacterial hepatotoxin nodularin (NOD) by UV radiation. Chemosphere, 2006, 65, 1388-1395. | 4.2 | 24 |
| 111 | Cyanobacterial diversity and toxicity of biocrusts from the Caspian Lowland loess deposits, North Iran. Quaternary International, 2017, 429, 74-85. | 0.7 | 24 |
| 112 | Nodularin in feathers and liver of eiders (Somateria mollissima) caught from the western Gulf of Finland in Juneâ€"September 2005. Harmful Algae, 2008, 7, 99-105. | 2.2 | 22 |
| 113 | Separation of microcystins and nodularins by ultra performance liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 3822-3830. | 1.2 | 22 |
| 114 | Effects of ship traffic on archipelago waters off the LÃ¥ngnÃs harbour in Ã...land, SW Finland. Hydrobiologia, 2001, 444, 217-225. | 1.0 | 21 |
| 115 | Microcystin occurrence in lakes in Ã...land, SW Finland. Hydrobiologia, 2003, 505, 129-138. | 1.0 | 21 |
| 116 | Adrenoceptor activity of muscarinic toxins identified from mamba venoms. British Journal of Pharmacology, 2011, 164, 538-550. | 2.7 | 20 |
| 117 | Isolation and Detection of Microcystins and Nodularins, Cyanobacterial Peptide Hepatotoxins. , 2000, 145, 65-87. | | 19 |
| 118 | Chromatographic and spectral behaviour and detection of hepatotoxic nodularin in fish, clam, mussel and mouse tissues using HPLC analysis. Chromatographia, 2002, 55, 157-162. | 0.7 | 19 |
| 119 | Bioaccumulation of hepatotoxins â€" A considerable risk in the Latvian environment. Environmental Pollution, 2015, 196, 313-320. | 3.7 | 19 |
| 120 | Melanisation of Aspergillus terreusâ€"Is Butyrolactone I Involved in the Regulation of Both DOPA and DHN Types of Pigments in Submerged Culture?. Microorganisms, 2017, 5, 22. | 1.6 | 19 |
| 121 | Mass spectrometric detection and quantification of nodularin-R in flounder livers. Environmental Toxicology, 2003, 18, 284-288. | 2.1 | 18 |
| 122 | Butyrolactone I Quantification from Lovastatin Producing Aspergillus terreus Using Tandem Mass Spectrometryâ€"Evidence of Signalling Functions. Microorganisms, 2014, 2, 111-127. | 1.6 | 18 |
| 123 | Assessment of cyanoprokaryote blooms and of cyanotoxins in Bulgaria in a 15-years period (2000-2015). Advances in Oceanography and Limnology, 2017, 8, . | 0.2 | 18 |
| 124 | Retention mechanisms and selectivity in internal-surface reversed-phase liquid chromatography. Studies with cyanobacterial peptide toxins. Chromatographia, 1990, 30, 301-308. | 0.7 | 17 |
| 125 | The first observation of okadaic acid in flounder in the Baltic Sea. Sarsia, 2000, 85, 471-475. | 0.5 | 17 |
| 126 | Nucleotide excision repair impairment by nodularin in CHO cell lines due to ERCC1/XPF inactivation. Toxicology Letters, 2008, 179, 101-107. | 0.4 | 17 |

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| 127 | Cyanobacterial effects in Lake LudoÅ¡, Serbia - Is preservation of a degraded aquatic ecosystem justified?. Science of the Total Environment, 2018, 635, 1047-1062. | 3.9 | 17 |
| 128 | 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). European Journal of Phycology, 2018, 53, 280-289. | 0.9 | 16 |
| 129 | Cyanobacteria and loessâ€”an underestimated interaction. Plant and Soil, 2019, 439, 293-308. | 1.8 | 16 |
| 130 | The Effect of a Combined Hydrogen Peroxide-MlrA Treatment on the Phytoplankton Community and Microcystin Concentrations in a Mesocosm Experiment in Lake LudoÅ¡. Toxins, 2019, 11, 725. | 1.5 | 15 |
| 131 | Choosing analytical strategy for microcystins. Phycologia, 1996, 35, 125-132. | 0.6 | 14 |
| 132 | Screening of cyanobacterial cultures originating from different environments for cyanotoxicity and cyanotoxins. Toxicon, 2018, 154, 1-6. | 0.8 | 14 |
| 133 | Cellular effects of cyanobacterial peptide toxins. Toxicity Assessment, 1988, 3, 511-518. | 0.6 | 13 |
| 134 | A comparison of toxins isolated from the cyanobacteria Oscillatoria agardhii and Microcystis aeruginosa. Comparative Biochemistry and Physiology Part C: Comparative Pharmacology, 1988, 89, 207-210. | 0.2 | 13 |
| 135 | Rapid quantification of mcyB copy numbers on dry chemistry PCR chips and predictability of microcystin concentrations in freshwater environments. Harmful Algae, 2014, 39, 280-286. | 2.2 | 13 |
| 136 | First report of cyanobacterial paralytic shellfish toxin biosynthesis genes and paralytic shellfish toxin production in Polish freshwater lakes. Advances in Oceanography and Limnology, 2017, 8, . | 0.2 | 13 |
| 137 | Ecological effects of hepatotoxic cyanobacteria. Environmental Toxicology and Water Quality, 1992, 7, 87-93. | 0.7 | 12 |
| 138 | Synthesis and organotropism of 3H-dihydro derivatives of the cyanobacterial peptide hepatotoxin nodularin. Toxicon, 2003, 41, 153-162. | 0.8 | 12 |
| 139 | Legal and security requirements for the air transportation of cyanotoxins and toxigenic cyanobacterial cells for legitimate research and analytical purposes. Toxicology Letters, 2006, 163, 85-90. | 0.4 | 12 |
| 140 | Removal of Cholera Toxin from Aqueous Solution by Probiotic Bacteria. Pharmaceuticals, 2012, 5, 665-673. | 1.7 | 12 |
| 141 | Morphologic, Phylogenetic and Chemical Characterization of a Brackish Colonial Picocyanobacterium (Coelosphaeriaceae) with Bioactive Properties. Toxins, 2016, 8, 108. | 1.5 | 11 |
| 142 | Non-competitive ELISA with broad specificity for microcystins and nodularins. Advances in Oceanography and Limnology, 2017, 8, . | 0.2 | 11 |
| 143 | LCâ€“ESI-Q-TOF-MS for faster and accurate determination of microcystins and nodularins in serum. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 2433-2441. | 1.2 | 10 |
| 144 | Oxygen produced by cyanobacteria in simulated Archaean conditions partly oxidizes ferrous iron but mostly escapesâ€”conclusions about early evolution. Photosynthesis Research, 2016, 130, 103-111. | 1.6 | 8 |

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| 145 | Protected Freshwater Ecosystem with Incessant Cyanobacterial Blooming Awaiting a Resolution. Water (Switzerland), 2020, 12, 129. | 1.2 | 8 |
| 146 | Cyanobacterial Potential for Restoration of Loess Surfaces through Artificially Induced Biocrusts. Applied Sciences (Switzerland), 2021, 11, 66. | 1.3 | 8 |
| 147 | Pink snapper (Pagrus auratus) as a bioindicator of aquatic environmental health in Western Australia. Environmental Toxicology, 2001, 16, 449-454. | 2.1 | 7 |
| 148 | Loess and life out of Earth?. Quaternary International, 2016, 399, 208-217. | 0.7 | 6 |
| 149 | In Vitro Toxicological Screening of Stable and Senescing Cultures of Aphanizomenon, Planktothrix, and Raphidiopsis. Toxins, 2020, 12, 400. | 1.5 | 6 |
| 150 | Cyanobacteria, cyanotoxins, and their histopathological effects on fish tissues in FehÃ©rvÃ¡rcsurgÃ³ reservoir, Hungary. Environmental Monitoring and Assessment, 2021, 193, 554. | 1.3 | 6 |
| 151 | ï»¿Plankton hitch-hikers on naturalistsâ€™ instruments as silent intruders of aquatic ecosystems: current risks and possible prevention. NeoBiota, 0, 73, 193-219. | 1.0 | 5 |
| 152 | Does the Kis-Balaton Water Protection System (KBWPS) Effectively Safeguard Lake Balaton from Toxic Cyanobacterial Blooms?. Microorganisms, 2021, 9, 960. | 1.6 | 4 |
| 153 | Assessment of Common Cyanotoxins in Cyanobacteria of Biological Loess Crusts. Toxins, 2022, 14, 215. | 1.5 | 4 |
| 154 | Chapter 11B Toxins of freshwater cyanobacteria (blue-green algae). Handbook of Analytical Separations, 2000, , 359-390. | 0.8 | 2 |
| 155 | Potential of cyanobacterial secondary metabolites as biomarkers for paleoclimate reconstruction. Catena, 2020, 185, 104283. | 2.2 | 2 |
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