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Microcystin-producing blooms--a serious global public health issue

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414	Production of microcystins in calcareous Mediterranean streams: The Alharabe River, Segura River basin in south-east Spain. 2005 , 17, 231-243		51
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412	Protein phosphorylation on Ser, Thr and Tyr residues in cyanobacteria. 2005 , 9, 154-66		42
411	Acid and alkaline phosphatase activities and pathological changes induced in Tilapia fish (<i>Oreochromis sp.</i>) exposed subchronically to microcystins from toxic cyanobacterial blooms under laboratory conditions. 2005 , 46, 725-35		108
410	On the way to cyanobacterial blooms: impact of the herbicide metribuzin on the competition between a green alga (<i>Scenedesmus</i>) and a cyanobacterium (<i>Microcystis</i>). 2006 , 65, 618-26		62
409	Use of electrospray tandem mass spectrometry for identification of microcystins during a cyanobacterial bloom event. 2006 , 344, 741-6		33
408	Optimization of an effective extraction procedure for the analysis of microcystins in soils and lake sediments. 2006 , 143, 241-6		63
407	Detection of harmful cyanobacteria and their toxins by both PCR amplification and LC-MS during a bloom event. 2006 , 48, 239-45		40
406	Microcystins cause embryonic toxicity in mice. 2006 , 48, 966-72		20
405	Toxic effects of <i>Microcystis</i> cell extracts on the reproductive system of male mice. 2006 , 48, 973-9		88
404	Simplified enrichment and identification of environmental peptide toxins using antibody-capture surfaces with subsequent mass spectrometry detection. 2006 , 1123, 233-8		5
403	Cyanobacterial lipopolysaccharides and human health - a review. 2006 , 5, 7		122
402	The effect of environmental parameters and cyanobacterial blooms on phytoplankton dynamics of a Portuguese temperate Lake. 2006 , 568, 145-157		72
401	Toxic effects produced by microcystins from a natural cyanobacterial bloom and a <i>Microcystis aeruginosa</i> isolated strain on the fish cell lines RTG-2 and PLHC-1. 2006 , 51, 86-96		11
400	Evaluation of extraction approaches linked to ELISA and HPLC for analyses of microcystin-LR, -RR and -YR in freshwater sediments with different organic material contents. 2006 , 385, 1545-51		84
399	Total and specific fluid consumption as determinants of bladder cancer risk. 2006 , 118, 2040-7		67
398	An enhanced LC-MS/MS method for microcystin-LR in lake water. 2006 , 41, 169-74		18

397	Growth of <i>Daphnia magna</i> males and females fed with the cyanobacterium <i>Microcystis aeruginosa</i> and the green alga <i>Scenedesmus obliquus</i> in different proportions. 2006 , 34, 375-382		17
396	An indoor air quality study of an alligator (<i>Alligator mississippiensis</i>) holding facility. 2006 , 37, 108-15		1
395	Determination of cyanobacterial diversity during algal blooms in Daechung Reservoir, Korea, on the basis of <i>cpcBA</i> intergenic spacer region analysis. 2006 , 72, 3252-8		35
394	Chapter 16 Amperometric enzyme sensors for the detection of cyanobacterial toxins in environmental samples. 2007 , 331-355		5
393	Acute and subacute toxic effects produced by microcystin-YR on the fish cell lines RTG-2 and PLHC-1. 2007 , 21, 1460-7		42
392	In situ study on the control of toxic <i>Microcystis</i> blooms using phytoplanktivorous fish in the subtropical Lake Taihu of China: A large fish pen experiment. 2007 , 265, 127-138		60
391	Toxicity of microcystins in the isolated hepatocytes of common carp (<i>Cyprinus carpio</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2007 , 67, 447-51	7	17
390	Protective effects of green tea polyphenols against subacute hepatotoxicity induced by microcystin-LR in mice. 2007 , 24, 140-8		45
389	Serologic evaluation of human microcystin exposure. 2007 , 22, 459-63		43
388	Bacterial community composition over a dry winter in meso- and eutrophic Portuguese water bodies. 2007 , 59, 638-50		37
387	Community patterning and identification of predominant factors in algal bloom in Daechung Reservoir (Korea) using artificial neural networks. 2007 , 203, 109-118		41
386	Microcystin-RR induces apoptosis in fish lymphocytes by generating reactive oxygen species and causing mitochondrial damage. 2008 , 34, 307-12		29
385	Detoxification and oxidative stress responses along with microcystins accumulation in Japanese quail exposed to cyanobacterial biomass. 2008 , 398, 34-47		35
384	Cyanobacterial toxin elimination via bioaccumulation of MC-LR in aquatic macrophytes: an application of the "Green Liver Concept". 2008 , 42, 8552-7		44
383	Dose-dependent antioxidant responses and pathological changes in tenca (<i>Tinca tinca</i>) after acute oral exposure to <i>Microcystis</i> under laboratory conditions. 2008 , 52, 1-12		91
382	Acute effects of microcystins MC-LR and MC-RR on acid and alkaline phosphatase activities and pathological changes in intraperitoneally exposed tilapia fish (<i>Oreochromis</i> sp.). 2008 , 36, 449-58		46
381	Electrochemical Degradation of Cyanobacterial Toxin Microcystin-LR Using Ti/RuO ₂ Electrodes in a Continuous Tubular Reactor. 2008 , 25, 635-642		15
380	Cyanobacterial toxins and liver disease. 2009 , 87, 773-88		13

379	Protective efficacy of the antioxidants vitamin E and Trolox against <i>Microcystis aeruginosa</i> and microcystin-LR in <i>Artemia franciscana</i> nauplii. 2009 , 72, 1567-75	24
378	Transcriptional analysis of the jamaicamide gene cluster from the marine cyanobacterium <i>Lyngbya majuscula</i> and identification of possible regulatory proteins. 2009 , 9, 247	18
377	Hepatosplenomegaly and phytotoxicity of a planktonic cyanobacterium <i>Nostoc</i> sp. BHU001 isolated from agricultural pond. 2009 , 25, 1995-2003	3
376	Determination of microcystin-LR in water from Lake Tai, China. 2009 , 82, 230-3	17
375	Necessity of screening water chestnuts for microcystins after cyanobacterial blooms break out. 2009 , 57, 256-63	11
374	Identification of microcystins in waters used for daily life by people who live on Tai Lake during a serious cyanobacteria dominated bloom with risk analysis to human health. 2009 , 24, 82-6	30
373	Plasma biochemical responses of the planktivorous filter-feeding silver carp (<i>Hypophthalmichthys molitrix</i>) and bighead carp (<i>Aristichthys nobilis</i>) to prolonged toxic cyanobacterial blooms in natural waters. 2009 , 27, 350-6	23
372	Intraperitoneal injection of extracted microcystins results in hypovolemia and hypotension in crucian carp (<i>Carassius auratus</i>). 2009 , 53, 638-44	9
371	Effects of dietary cyanobacteria of two different sources on growth and recovery of hybrid tilapia (<i>Oreochromis niloticus</i> x <i>O. aureus</i>). 2009 , 54, 208-16	18
370	Hepatic histopathological characteristics and antioxidant response of phytoplanktivorous silver carp intraperitoneally injected with extracted microcystins. 2009 , 22, 297-302	15
369	Microcystin-LR in Brazilian aquaculture production systems. 2010 , 82, 240-8	4
368	Cyanobacterial cyclopeptides as lead compounds to novel targeted cancer drugs. 2010 , 8, 629-57	61
367	An SPR biosensor for the detection of microcystins in drinking water. 2010 , 398, 2625-34	62
366	Relationship between cyanobacterial biomass and total microcystin-LR levels in drinking and recreational water. 2010 , 85, 457-62	10
365	Anti-cyanobacterial activity of <i>Moringa oleifera</i> seeds. 2010 , 22, 503-510	47
364	Effect of Lake Management Efforts on the Trophic State of a Subtropical Shallow Lake in Lakeland, Florida, USA. 2010 , 207, 333-347	12
363	Seasonal modulation of bacterioplankton community at a temperate eutrophic shallow lake. 2010 , 26, 1067-1077	14
362	<i>Microcystis</i> toxigenic strains in urban lakes: a case of study in Mexico City. 2010 , 19, 1157-65	13

361	Identification and quantification of cyanobacterial toxins (microcystins) in two Moroccan drinking-water reservoirs (Mansour Eddahbi, Almassira). 2010 , 160, 439-50		30
360	Antioxidant response in liver of the phytoplanktivorous bighead carp (<i>Aristichthys nobilis</i>) intraperitoneally-injected with extracted microcystins. 2010 , 36, 165-72		27
359	Chromatographic and capillary electrophoretic determination of microcystins. 2010 , 33, 359-71		12
358	Effects of the microcystin profile of a cyanobacterial bloom on growth and toxin accumulation in common carp <i>Cyprinus carpio</i> larvae. 2010 , 76, 1415-30		10
357	Cyanobacterial bloom and animal mass mortality in a reservoir from Central Argentina. 2010 , 70, 841-5		16
356	Molecular characterization of bloom-forming <i>Aphanizomenon</i> strains isolated from Vela Lake (Western Central Portugal). 2010 , 32, 239-252		17
355	Extraction and Detection of Microcystin-LR from <i>Microcystic Aeruginosa</i> . 2010 ,		
354	More and more toxins around-analysis of cyanobacterial strains isolated from Lake Chao (Anhui Province, China). 2010 , 56, 1520-4		25
353	Mitochondrial toxicity of microcystin-LR on cultured cells: application to the analysis of contaminated water samples. 2010 , 44, 2535-41		22
352	Effect of different microcystin profiles on toxin bioaccumulation in common carp (<i>Cyprinus carpio</i>) larvae via <i>Artemia nauplii</i> . <i>Ecotoxicology and Environmental Safety</i> , 2010 , 73, 762-70	7	24
351	Oxidative stress generation by microcystins in aquatic animals: why and how. 2010 , 36, 226-35		223
350	State of the art on cyanotoxins in water and their behaviour towards chlorine. 2010 , 55, 677-91		92
349	Bead-based competitive fluorescence immunoassay for sensitive and rapid diagnosis of cyanotoxin risk in drinking water. 2011 , 45, 7804-11		39
348	Evaluating microcystin exposure risk through fish consumption. 2011 , 45, 5806-11		119
347	Planktonic and benthic cyanobacteria of European brackish waters: a perspective on estuaries and brackish seas. 2011 , 46, 292-304		18
346	A single microcystin in a toxic <i>Microcystis</i> bloom from the river R� de la Plata (Argentina). 2011 , 91, 525-536		3
345	Biomarkers of Oxidative Stress: Benefits and Drawbacks for their Application in Biomonitoring of Aquatic Environments. 2011 , 317-326		4
344	Effects of thermal treatments during cooking, microwave oven and boiling, on the unconjugated microcystin concentration in muscle of fish (<i>Oreochromis niloticus</i>). 2011 , 49, 2060-7		21

343	Toxicity and glutathione implication in the effects observed by exposure of the liver fish cell line PLHC-1 to pure cylindrospermopsin. <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 1567-72	7	57
342	Combined exposure of Japanese quails to cyanotoxins, Newcastle virus and lead: oxidative stress responses. <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 2082-90	7	16
341	Development of a colorimetric inhibition assay for microcystin-LR detection: comparison of the sensitivity of different protein phosphatases. 2011 , 85, 2498-503		48
340	Microcystin-LR induced DNA damage in human peripheral blood lymphocytes. 2011 , 726, 116-22		34
339	Contribution à l'évaluation des traces de microcystine dissoute et intracellulaire dans les eaux marocaines brutes et traitées. 2011 , 24, 355-368		
338	Highly sensitive detection of the hepatotoxin microcystin-LR by surface modification and bio-nanotechnology. 2011 , 391, 184-189		9
337	Enhanced coagulation for treating slightly polluted algae-containing surface water combining polyaluminum chloride (PAC) with diatomite. 2011 , 279, 140-145		75
336	A mathematical model of algal blooms based on the characteristics of complex networks theory. 2011 , 222, 3727-3733		9
335	Effect of purified microcystin on oxidative stress of silver carp <i>Hypophthalmichthys molitrix</i> larvae under different ammonia concentrations. 2011 , 39, 536-543		31
334	Microcystin-LR: How it affects the cardio-respiratory responses to hypoxia in Nile tilapia, <i>Oreochromis niloticus</i> . 2011 , 84, 154-9		21
333	Time-dependent oxidative stress and histopathological changes in <i>Cyprinus carpio</i> L. exposed to microcystin-LR. 2011 , 20, 1000-9		48
332	Molecular characterization of cyanobacterial diversity in Lake Gregory, Sri Lanka. 2011 , 29, 898-904		6
331	Green tea: protective action against oxidative damage induced by xenobiotics. 2011 , 4, 11-31		13
330	Response and recovery of hybrid sturgeon from subchronic oral administration of cyanobacteria. 2011 , 26, 161-70		10
329	Study of the antioxidant response of several bean variants to irrigation with water containing MC-LR and cyanobacterial crude extract. 2011 , 26, 300-6		25
328	Mechanistic studies of <i>Microcystis aeruginosa</i> inactivation and degradation by UV-C irradiation and chlorination with poly-synchronous analyses. 2011 , 272, 107-119		53
327	The interactive effects of microcystin and nitrite on life-history parameters of the cladoceran <i>Daphnia obtusa</i> . 2011 , 190, 113-8		50
326	Solar Photocatalytic Degradation of MCRR by Ag-Doped TiO ₂ Films. 2011 , 287-290, 1811-1814		

325	Notice of Retraction: Microcystin-LR Induced Histopathological Alterations in Livers and Gills of <i>Cyprinus carpio</i> L.. 2011 ,	
324	Differential inter- and intra-specific responses of <i>Aphanizomenon</i> strains to nutrient limitation and algal growth inhibition. 2011 , 33, 1606-1616	11
323	Reexamination of total fluid intake and bladder cancer in the Health Professionals Follow-up Study Cohort. 2012 , 175, 696-705	20
322	Detection of total microcystin in fish tissues based on lemieux oxidation, and recovery of 2-methyl-3-methoxy-4-phenylbutanoic acid (MMPB) by solid-phase microextraction gas chromatography-mass spectrometry (SPME-GC/MS). 2012 , 92, 1443-1456	21
321	The Effects of Turbulence on the Polysaccharides Content and Colony Formation of <i>Microcystis</i> under Different Nutrition Conditions. 2012 , 610-613, 25-30	
320	Modified Macroporous Polystyrene Matrices as Highly Efficient Adsorption Material for <i>Cyanobacteria</i> Control. 2012 , 51, 1451-1459	6
319	Investigation of Vertical Migration of Blue-Green Algae in Stratified Dam Reservoir. 2012 , 35, 151-157	1
318	Bacterioplankton community composition in Portuguese water bodies under a severe summer drought. 2012 , 13, 185-193	4
317	CHAPTER CIRCADIAN RHYTHMS. 2012 , 313-345	
316	<i>Cyanobacteria</i> and Cyanotoxins in Reservoirs of South China. 2012 , 109-122	1
315	Highly sensitive detection and discrimination of LR and YR microcystins based on protein phosphatases and an artificial neural network. 2012 , 404, 711-20	14
314	The antagonistic relationship between chlorophyll a concentrations and the growth areas of <i>Trapa</i> during summer in a shallow eutrophic lake. 2012 , 13, 289-299	9
313	A series of experiments aimed at clarifying the mode of action of barley straw in cyanobacterial growth control. 2012 , 46, 6095-103	26
312	Effects of arsenic on growth and photosystem II (PSII) activity of <i>Microcystis aeruginosa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2012 , 84, 104-11	7 52
311	Controlling toxic cyanobacteria: effects of dredging and phosphorus-binding clay on cyanobacteria and microcystins. 2012 , 46, 1447-59	98
310	Immediate and long-term impacts of UV-C irradiation on photosynthetic capacity, survival and microcystin-LR release risk of <i>Microcystis aeruginosa</i> . 2012 , 46, 1241-50	69
309	Investigation of a <i>Microcystis aeruginosa</i> cyanobacterial freshwater harmful algal bloom associated with acute microcystin toxicosis in a dog. 2012 , 24, 679-87	40
308	Bioaccumulation, oxidative stress and HSP70 expression in <i>Cyprinus carpio</i> L. exposed to microcystin-LR under laboratory conditions. 2012 , 155, 483-90	22

307	Cloning and expression of the first gene for biodegrading microcystin LR by <i>Sphingopyxis</i> sp. USTB-05. 2012 , 24, 1816-22	30
306	Do macrophytes support harmful cyanobacteria? Interactions with a green alga reverse the inhibiting effects of macrophyte allelochemicals on <i>Microcystis aeruginosa</i> . 2012 , 19, 76-84	53
305	The interactive effects of ammonia and microcystin on life-history traits of the cladoceran <i>Daphnia magna</i> : synergistic or antagonistic?. 2012 , 7, e32285	29
304	Protective role of dietary N-acetylcysteine on the oxidative stress induced by cylindrospermopsin in tilapia (<i>Oreochromis niloticus</i>). 2012 , 31, 1548-55	13
303	Lab on a chip technologies for algae detection: a review. 2012 , 5, 661-72	34
302	Assessment of microcystin distribution and biomagnification in tissues of aquatic food web compartments from a shallow lake and evaluation of potential risks to public health. 2012 , 21, 1155-66	71
301	Ammonia may play an important role in the succession of cyanobacterial blooms and the distribution of common algal species in shallow freshwater lakes. 2012 , 18, 1571-1581	42
300	Quantification of microcystin-producing and non-microcystin producing <i>Microcystis</i> populations during the 2009 and 2010 blooms in Lake Taihu using quantitative real-time PCR. 2012 , 24, 284-90	28
299	Human and rat hepatocyte toxicity and protein phosphatase 1 and 2A inhibitory activity of naturally occurring desmethyl-microcystins and nodularins. 2012 , 293, 59-67	68
298	Immediate and long-term impacts of potassium permanganate on photosynthetic activity, survival and microcystin-LR release risk of <i>Microcystis aeruginosa</i> . 2012 , 219-220, 267-75	37
297	Microbial degradation of microcystin in Florida's freshwaters. 2012 , 23, 35-45	47
296	Heterogeneity of buoyancy in response to light between two buoyant types of cyanobacterium <i>Microcystis</i> . 2012 , 679, 297-311	26
295	Impact of water quality on bacterioplankton assemblage along Cifima River Basin (central western Portugal) assessed by PCR-DGGE and multivariate analysis. 2012 , 184, 471-85	15
294	Occurrence of toxic cyanobacterial blooms for the first time in Lake Karaoun, Lebanon. 2013 , 27, 42-49	20
293	The use of hydrogen peroxide to remove cyanobacteria and microcystins from waste stabilization ponds and hypereutrophic systems. 2013 , 50, 86-94	76
292	Rapid and efficient removal of microcystins by ordered mesoporous silica. 2013 , 47, 8633-41	85
291	Toxicological evaluation of microcystins in aquatic fish species: current knowledge and future directions. 2013 , 142-143, 1-16	54
290	Effects of allelochemical extracted from water lettuce (<i>Pistia stratiotes</i> Linn.) on the growth, microcystin production and release of <i>Microcystis aeruginosa</i> . 2013 , 20, 8192-201	28

289	Toxic effects of microcystin-LR on the reproductive system of male <i>Rana nigromaculata</i> in vitro. 2013 , 126, 283-90	13
288	Microcystins: measuring human exposure and the impact on human health. 2013 , 18, 639-49	32
287	Renal accumulation and effects of intraperitoneal injection of extracted microcystins in omnivorous crucian carp (<i>Carassius auratus</i>). 2013 , 70, 62-9	31
286	Temporal shifts in cyanobacterial communities at different sites on the Nakdong River in Korea. 2013 , 47, 6973-82	24
285	Physiological evidence indicates microcystin-LR to be a part of quantitative chemical defense system. 2013 , 25, 1575-1585	4
284	Effect of cyanobacteria on immune function of crucian carp (<i>Carassius auratus</i>) via chronic exposure in diet. 2013 , 90, 1167-76	28
283	A new pentaplex-nested PCR to detect five pathogenic bacteria in free living amoebae. 2013 , 47, 493-502	17
282	Predictability of plankton communities in an unpredictable world. 2013 , 58, 455-462	10
281	Cyanobacteria can allelopathically inhibit submerged macrophytes: Effects of <i>Microcystis aeruginosa</i> extracts and exudates on <i>Potamogeton malaianus</i> . 2013 , 109, 1-7	39
280	Molluscicidal activity of <i>Moringa oleifera</i> on <i>Biomphalaria glabrata</i> : integrated dynamics to the control of the snail host of <i>Schistosoma mansoni</i> . 2013 , 23, 848-850	10
279	Algicidal activity of <i>Salvia miltiorrhiza</i> Bung on <i>Microcystis aeruginosa</i> --towards identification of algicidal substance and determination of inhibition mechanism. 2013 , 93, 997-1004	54
278	Female zebrafish (<i>Danio rerio</i>) are more vulnerable than males to microcystin-LR exposure, without exhibiting estrogenic effects. 2013 , 142-143, 272-82	46
277	Control of the harmful alga <i>Microcystis aeruginosa</i> and absorption of nitrogen and phosphorus by <i>Candida utilis</i> . 2013 , 169, 88-99	9
276	Comparison of cyanobacterial and green algal growth rates at different temperatures. 2013 , 58, 552-559	249
275	A simple approach for the efficient production of hydrogen from Taihu Lake <i>Microcystis</i> spp. blooms. 2013 , 139, 136-40	14
274	Oxidation by-products formation of microcystin-LR exposed to UV/H ₂ O ₂ : toward the generative mechanism and biological toxicity. 2013 , 47, 3211-9	48
273	Evaluation on the generative mechanism and biological toxicity of microcystin-LR disinfection by-products formed by chlorination. 2013 , 252-253, 293-9	26
272	Dog poisonings associated with a <i>Microcystis aeruginosa</i> bloom in the Netherlands. 2013 , 5, 556-67	50

271	Variations in the microcystin content of different fish species collected from a eutrophic lake. 2013 , 5, 992-1009		45
270	Cyanobacterial and microcystins dynamics following the application of hydrogen peroxide to waste stabilisation ponds. 2013 , 17, 2097-2105		13
269	Microcystin-LR induced reactive oxygen species mediate cytoskeletal disruption and apoptosis of hepatocytes in <i>Cyprinus carpio</i> L. 2013 , 8, e84768		25
268	Introduction of aromatic ring-containing substituents in cyclic nucleotides is associated with inhibition of toxin uptake by the hepatocyte transporters OATP 1B1 and 1B3. 2014 , 9, e94926		7
267	Effect of Selected Plant Extracts and D- and L-Lysine on the Cyanobacterium <i>Microcystis aeruginosa</i> . <i>Water (Switzerland)</i> , 2014 , 6, 1807-1825	3	6
266	Freshwater cyanotoxins. 2014 , 539-548		3
265	The viability assessment of <i>Microcystis aeruginosa</i> cells after co-culturing with <i>Bacillus mycoides</i> B16 using flow cytometry. 2014 , 72-75, 24-33		19
264	Steroid hormone concentrations and physiological toxicity of water from selected dams in Namibia. 2014 , 39, 189-198		5
263	Growth and microcystin production of a Brazilian <i>Microcystis aeruginosa</i> strain (LTPNA 02) under different nutrient conditions. 2014 , 24, 389-398		25
262	Algicidal effects of four Chinese herb extracts on bloom-forming <i>Microcystis aeruginosa</i> and <i>Chlorella pyrenoidosa</i> . 2014 , 35, 1150-6		11
261	Oxidation of microcystin-LR by ferrate(VI): kinetics, degradation pathways, and toxicity assessments. 2014 , 48, 12164-72		81
260	Integrated Principal Component Analysis of <i>Microcystis aeruginosa</i> Dissolved Organic Matter and Assessment of UV-C Pre-Treatment on Cyanobacteria-Containing Water. 2014 , 42, 442-448		5
259	The Laurentian Great Lakes in transition: A chronicle of research at the base of the foodweb. 2014 , 17, 404-423		3
258	Effects of hydrogen peroxide and ultrasound on biomass reduction and toxin release in the cyanobacterium, <i>Microcystis aeruginosa</i> . 2014 , 6, 3260-80		42
257	The fate of microcystins in the environment and challenges for monitoring. 2014 , 6, 3354-87		105
256	Regulatory effect of quercetin on hazardous microcystin-LR-induced apoptosis of <i>Carassius auratus</i> lymphocytes <i>in vitro</i> . 2014 , 37, 278-85		21
255	Modeling the role of wind and warming on <i>Microcystis aeruginosa</i> blooms in shallow lakes with different trophic status. 2014 , 7, 35-52		20
254	Occurrence and dominance of <i>Cylindrospermopsis raciborskii</i> and dissolved cylindrospermopsin in urban reservoirs used for drinking water supply, South China. 2014 , 186, 3079-90		59

253	Development of a new risk-based framework to guide investment in water quality monitoring. 2014 , 186, 2455-64	7
252	Microcystins in potable surface waters: toxic effects and removal strategies. 2014 , 34, 441-57	75
251	Cyanotoxin management and human health risk mitigation in recreational waters. 2014 , 186, 4443-59	33
250	Seasonal dynamics of water bloom-forming <i>Microcystis</i> morphospecies and the associated extracellular microcystin concentrations in large, shallow, eutrophic Dianchi Lake. 2014 , 26, 1921-9	55
249	Beating the blues: is there any music in fighting cyanobacteria with ultrasound?. 2014 , 66, 361-373	29
248	Could phosphorus concentrations increase with the development of cage culture in Lake Kariba, Zimbabwe?. 2014 , 39, 123-125	
247	DETERMINATION OF MICROCYSTIN-LR IN CYANOBACTERIAL BLOOMS FROM THE MOGI GUADU RIVER (BRAZIL) BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. 2014 , 37, 1310-1319	5
246	Detection of persistent microcystin toxins at the land-sea interface in Monterey Bay, California. 2014 , 39, 146-153	52
245	Exposure to the cyanotoxin microcystin arising from interspecific differences in feeding habits among fish and shellfish in the James River Estuary, Virginia. 2014 , 48, 5194-202	20
244	Rapid quantitative analysis of microcystins in raw surface waters with MALDI MS utilizing easily synthesized internal standards. 2014 , 78, 94-102	12
243	Chemiluminescence microarrays in analytical chemistry: a critical review. 2014 , 406, 5589-612	48
242	Inhibition equivalency factors for microcystin variants in recombinant and wild-type protein phosphatase 1 and 2A assays. 2014 , 21, 10652-60	14
241	In vitro biodegradation of cyanotoxins in the rumen fluid of cattle. 2014 , 10, 110	11
240	Fluctuations in microcystin concentrations, potentially toxic <i>Microcystis</i> and genotype diversity in a cyanobacterial community from a tropical reservoir. 2014 , 39, 303-309	19
239	Microcystins and two new micropeptin cyanopeptides produced by unprecedented <i>Microcystis aeruginosa</i> blooms in North Carolina's Cape Fear River. 2014 , 31, 82-86	25
238	Are fish fed with cyanobacteria safe, nutritious and delicious? A laboratory study. 2015 , 5, 15166	10
237	7. Global warming, climate patterns and toxic cyanobacteria. 2015 , 195-238	2
236	10. Control and management of Harmful Algal Blooms. 2015 , 313-358	2

235	Responses of phytoplankton functional groups to simulated winter warming. 2015 , 51, 199-210	6
234	Microcystins in Two Low Nutrient Lakes in the Epirus Region of North-West Greece. 2015 , 43, 1307-1315	3
233	Proteasome as a Molecular Target of Microcystin-LR. 2015 , 7, 2221-31	6
232	Spatiotemporal Dynamics of Microcystin Variants and Relationships with Environmental Parameters in Lake Taihu, China. 2015 , 7, 3224-44	41
231	Calibration of a passive, in situ, integrative sampler for monitoring of microbial biotoxins in aquatic environments. 2015 , 15, 1353-1367	2
230	Mechanisms of microcystin-LR-induced cytoskeletal disruption in animal cells. 2015 , 101, 92-100	57
229	Cyanobacterial (Blue-Green Algae) Toxins. 2015 , 421-429	12
228	Bibliometric analysis of research on microcystins in China and worldwide from 1991 to 2011. 2015 , 53, 272-283	5
227	Potential role of engineered nanoparticles as contaminant carriers in aquatic ecosystems: Estimating sorption processes of the cyanobacterial toxin microcystin-LR by TiO ₂ nanoparticles. 2015 , 481, 460-467	14
226	Microcystins and anatoxin-a in Arctic bio crust cyanobacterial communities. 2015 , 101, 35-40	20
225	Transcriptional responses of glutathione transferase genes in <i>Ruditapes philippinarum</i> exposed to microcystin-LR. 2015 , 16, 8397-414	7
224	Subacute microcystin-LR exposure alters the metabolism of thyroid hormones in juvenile zebrafish (<i>Danio Rerio</i>). 2015 , 7, 337-52	22
223	Differences in vertical distribution of <i>Microcystis</i> morphospecies composition in a shallow hypertrophic lake (Lake Taihu, China). 2015 , 73, 5721-5730	16
222	Harmful algal bloom characterization at ultra-high spatial and temporal resolution using small unmanned aircraft systems. 2015 , 7, 1065-78	27
221	Evaluation of the potential of anoxic biodegradation of intracellular and dissolved microcystins in lake sediments. 2015 , 286, 395-401	16
220	Effects of linear alkylbenzene sulfonate on the growth and toxin production of <i>Microcystis aeruginosa</i> isolated from Lake Dianchi. 2015 , 22, 5491-9	7
219	Oxidative stress and histopathological alterations in liver of <i>Cyprinus carpio</i> L. induced by intraperitoneal injection of microcystin-LR. 2015 , 24, 511-9	18
218	Cellular N:P ratio of <i>Microcystis</i> as an indicator of nutrient limitation: Implications and applications. 2015 , 74, 4023-4030	7

217	NanodiamondTiO2 composites for photocatalytic degradation of microcystin-LA in aqueous solutions under simulated solar light. 2015 , 5, 58363-58370	36
216	Response surface modeling and optimization of microcystin-LR removal from aqueous phase by polyacrylamide/sodium alginate-chitosan-montmorillonite superabsorbent nanocomposite. 2015 , 56, 1121-1139	5
215	The influence of the ecohydrological rehabilitation in the cascade of Arturów reservoirs in Łódź (Central Poland) on the cyanobacterial and algae blooming. 2015 , 44, 236-244	5
214	New insights towards the establishment of phycocyanin concentration thresholds considering species-specific variability of bloom-forming cyanobacteria. 2015 , 757, 155-165	17
213	Separation of Microcystin-LR by Cyclodextrin-Functionalized Magnetic Composite of Colloidal Graphene and Porous Silica. 2015 , 7, 9911-9	29
212	Bioaccumulation of microcystins in invasive bivalves: A case study from the boreal lagoon ecosystem. 2015 , 57, 93-101	21
211	Competition between toxic and non-toxic <i>Microcystis aeruginosa</i> and its ecological implication. 2015 , 24, 1411-8	29
210	Retinoid compounds associated with water blooms dominated by <i>Microcystis</i> species. 2015 , 47, 116-125	20
209	Effects of artemisinin sustained-release granules on mixed alga growth and microcystins production and release. 2015 , 22, 18637-44	13
208	Preliminary Assessment of Cyanobacteria Diversity and Toxic Potential in Ten Freshwater Lakes in Selangor, Malaysia. 2015 , 95, 542-7	16
207	Water quality, agriculture and food safety in China: Current situation, trends, interdependencies, and management. 2015 , 14, 2365-2379	50
206	Effect of linoleic acid sustained-release microspheres on <i>Microcystis aeruginosa</i> antioxidant enzymes activity and microcystins production and release. 2015 , 121, 110-6	47
205	Using a laser particle analyzer to demonstrate relationships between wind strength and <i>Microcystis</i> colony size distribution in Lake Taihu, China. 2015 , 30, 425-433	9
204	A Systematic Investigation into the Environmental Fate of Microcystins and The Potential Risk: Study in Lake Taihu. 2016 , 8,	21
203	Development of Toxicological Risk Assessment Models for Acute and Chronic Exposure to Pollutants. 2016 , 8,	6
202	miR-541 Contributes to Microcystin-LR-Induced Reproductive Toxicity through Regulating the Expression of p15 in Mice. 2016 , 8,	10
201	Microcystin-LR Biodegradation by <i>Bacillus</i> sp.: Reaction Rates and Possible Genes Involved in the Degradation. <i>Water (Switzerland)</i> , 2016 , 8, 508	3 23
200	Dominant genera of cyanobacteria in Lake Taihu and their relationships with environmental factors. 2016 , 54, 468-76	11

199	Chlorine/UV Process for Decomposition and Detoxification of Microcystin-LR. 2016 , 50, 7671-8	29
198	The impact of environmental parameters on microcystin production in dialysis bag experiments. 2016 , 6, 38722	10
197	Polysaccharide biosynthesis-related genes explain phenotype-genotype correlation of <i>Microcystis</i> colonies in Meiliang Bay of Lake Taihu, China. 2016 , 6, 35551	6
196	Facile synthesis of Cu(2+)-modified mesoporous silica-coated magnetic graphene composite for enrichment of microcystin-LR followed by mass spectrometry analysis. 2016 , 154, 183-9	11
195	Bioaccumulation and Quantitative Variations of Microcystins in the Swartspruit River, South Africa. 2016 , 71, 286-96	2
194	Bacteriological control by <i>Raoultella</i> sp. R11 on growth and toxins production of <i>Microcystis aeruginosa</i> . 2016 , 293, 139-150	20
193	Intrinsic Mechanism of UV-C-Induced Inactivation of <i>Microcystis aeruginosa</i> : Impairment on Photosynthetic System. 2016 , 227, 1	3
192	Effects of <i>Dracontomelon duperreanum</i> defoliation extract on <i>Microcystis aeruginosa</i> : physiological and morphological aspects. 2016 , 23, 8731-40	11
191	Environmental factors related to the dominance of <i>Microcystis wesenbergii</i> and <i>Microcystis aeruginosa</i> in a eutrophic lake. 2016 , 75, 1	2
190	Education and notification approaches for harmful algal blooms (HABs), Washington State, USA. 2016 , 60, 70-80	6
189	To increase size or decrease density? Different <i>Microcystis</i> species has different choice to form blooms. 2016 , 6, 37056	19
188	Halogen Radicals Promote the Photodegradation of Microcystins in Estuarine Systems. 2016 , 50, 8505-13	42
187	Effects of linear alkylbenzene sulfonate (LAS) on the interspecific competition between <i>Microcystis</i> and <i>Scenedesmus</i> . 2016 , 23, 16194-200	9
186	Ferric Uptake Regulator (FUR) protein: properties and implications in cyanobacteria. 2016 , 66, 61-75	12
185	Identifying the factors determining blooms of cyanobacteria in a set of shallow lakes. 2016 , 34, 129-138	27
184	Accumulation and detoxication responses of the gastropod <i>Lymnaea stagnalis</i> to single and combined exposures to natural (cyanobacteria) and anthropogenic (the herbicide RoundUp(®) Flash) stressors. 2016 , 177, 116-24	11
183	Life-cycle exposure to microcystin-LR interferes with the reproductive endocrine system of male zebrafish. 2016 , 175, 205-12	29
182	A proteomic study on liver impairment in rat pups induced by maternal microcystin-LR exposure. 2016 , 212, 197-207	30

181	Growth phase-dependent allelopathic effects of cyanobacterial exudates on <i>Potamogeton crispus</i> L. seedlings. 2016 , 767, 137-149	21
180	Use of hydrodynamic cavitation in (waste)water treatment. 2016 , 29, 577-88	154
179	A review of solar and visible light active TiO ₂ photocatalysis for treating bacteria, cyanotoxins and contaminants of emerging concern. 2016 , 42, 2-14	428
178	Chlorination of <i>Microcystis aeruginosa</i> : cell lyses and incomplete degradation of bioorganic substance. 2016 , 57, 16129-16137	3
177	Effects of light and short-term temperature elevation on the 48-h hatching success of cold-stored <i>Acartia tonsa</i> Dana eggs. 2016 , 24, 57-68	8
176	Advanced oxidation processes to remove cyanotoxins in water. 2017 , 406, 83-87	20
175	Comparison of Three Antihapten VHH Selection Strategies for the Development of Highly Sensitive Immunoassays for Microcystins. 2017 , 89, 6800-6806	27
174	Magnetic porous Cyclodextrin polymer for magnetic solid-phase extraction of microcystins from environmental water samples. 2017 , 1503, 1-11	35
173	Rethinking Wastewater Treatment Plant Effluent Standards: Nutrient Reduction or Nutrient Control?. 2017 , 51, 4735-4737	36
172	Modulatory role of L-carnitine against microcystin-LR-induced immunotoxicity and oxidative stress in common carp. 2017 , 43, 1081-1093	14
171	Protective effects of green tea and its main constituents against natural and chemical toxins: A comprehensive review. 2017 , 100, 115-137	49
170	Comparison of different algicides on growth of <i>Microcystis aeruginosa</i> and microcystin release, as well as its removal pathway in riverways. 2017 , 11, 1	5
169	Application of Carbon-Based Nanomaterials for Removal of Biologically Toxic Materials. 2017 , 43-86	0
168	Effects of microcystin-producing and microcystin-free <i>Microcystis aeruginosa</i> on enzyme activity and nutrient content in the rotifer <i>Brachionus calyciflorus</i> . 2017 , 24, 10430-10442	6
167	The first detection of potentially toxic <i>Microcystis</i> strains in two Middle Atlas Mountains natural lakes (Morocco). 2017 , 189, 39	11
166	Allelopathic effects of <i>Microcystis aeruginosa</i> on green algae and a diatom: Evidence from exudates addition and co-culturing. 2017 , 61, 56-62	50
165	Microcystin-LR leads to oxidative damage and alterations in antioxidant defense system in liver and gills of <i>Brycon amazonicus</i> (SPIX & AGASSIZ, 1829). 2017 , 139, 109-116	20
164	Species-dependent variation in sensitivity of <i>Microcystis</i> species to copper sulfate: implication in algal toxicity of copper and controls of blooms. 2017 , 7, 40393	15

163	The profound effect of harmful cyanobacterial blooms: From food-web and management perspectives. 2017 , 609, 1443-1450	19
162	Stepwise strategy for monitoring toxic cyanobacterial blooms in lentic water bodies. 2017 , 189, 620	3
161	Effects of filter-feeding planktivorous fish and cyanobacteria on structuring the zooplankton community in the eastern plain lakes of China. 2017 , 99, 238-245	16
160	Analysis of the use of microcystin-contaminated water in the growth and nutritional quality of the root-vegetable, <i>Daucus carota</i> . 2017 , 24, 752-764	24
159	Vitamin C modulates <i>Microcystis aeruginosa</i> death and toxin release by induced Fenton reaction. 2017 , 321, 888-895	17
158	Microcystin Prevalence throughout Lentic Waterbodies in Coastal Southern California. 2017 , 9,	21
157	In Vitro Toxicological Assessment of Cylindrospermopsin: A Review. 2017 , 9,	54
156	Satellite Remote Sensing of Drinking Water Intakes in Lake Erie for Cyanobacteria Population Using Two MODIS-Based Indicators as a Potential Tool for Toxin Tracking. 2017 , 4,	13
155	Microcystins Presence in Mussels and Water of Two Productive Mediterranean's Lagoons (Sardinia, Italy). 2017 , 2017, 3769245	7
154	Molecular Mechanism for the Regulation of Microcystin Toxicity to Protein Phosphatase 1 by Glutathione Conjugation Pathway. 2017 , 2017, 9676504	10
153	Eutrophication and Warming Boost Cyanobacterial Biomass and Microcystins. 2017 , 9,	68
152	Accumulation of Microcystin (LR, RR and YR) in Three Freshwater Bivalves in <i>Microcystis aeruginosa</i> Bloom Using Dual Isotope Tracer. 2017 , 15,	13
151	Pyrosequencing reveals benthic bacteria changes responding to heavy deposition of <i>Microcystis</i> in lab searching bacteria for bloom control. 2017 , 64, 012116	
150	Using Synergy between Water Limnology and Satellite Imagery to Identify Algal Blooms Extent in a Brazilian Amazonian Reservoir. 2017 , 9, 2194	4
149	Effects of dietary toxic cyanobacteria and ammonia exposure on immune function of blunt snout bream (<i>Megalabrama amblycephala</i>). 2018 , 78, 383-391	15
148	Oxidative imbalance in mice intoxicated by microcystin-LR can be minimized. 2018 , 144, 75-82	3
147	Transcriptomic responses of the freshwater snail (<i>Parafossarulus striatulus</i>) following dietary exposure to cyanobacteria. 2018 , 624, 153-161	13
146	Solar photo-Fenton treatment of microcystin-LR in aqueous environment: Transformation products and toxicity in different water matrices. 2018 , 349, 282-292	24

145	Distinct Bloom Dynamics of Toxic and Non-toxic Microcystis (Cyanobacteria) Subpopulations in Hoedong Reservoir (Korea). 2018 , 75, 163-173	17
144	Effects of nitrogen forms and supply modes on colony formation in <i>Microcystis aeruginosa</i> . 2018 , 30, 831-837	5
143	Microcystins: Synthesis and structure-activity relationship studies toward PP1 and PP2A. 2018 , 26, 1118-1126	33
142	Comparative Toxicokinetics and Antioxidant Response in the Microcystin-LR-Exposed Gill of Two Marine Bivalves, <i>Crassostrea gigas</i> and <i>Mytilus edulis</i> . 2018 , 37, 497-506	3
141	Removal of <i>Microcystis aeruginosa</i> by UV/chlorine process: Inactivation mechanism and microcystins degradation. 2018 , 349, 408-415	50
140	The production and release of microcystin related to phytoplankton biodiversity and water salinity in two cyanobacteria blooming lakes. 2018 , 37, 2312-2322	1
139	Regulation on the toxicity of microcystin-LR target to protein phosphatase 1 by biotransformation pathway: effectiveness and mechanism. 2018 , 25, 26020-26029	5
138	Response of Natural Cyanobacteria and Algae Assemblages to a Nutrient Pulse and Elevated Temperature. 2018 , 9, 1851	41
137	A Novel and Convenient Method for Early Warning of Algal Cell Density by Chlorophyll Fluorescence Parameters and Its Application in a Highland Lake. 2018 , 9, 869	15
136	Warming Affects Growth Rates and Microcystin Production in Tropical Bloom-Forming <i>Microcystis</i> Strains. 2018 , 10,	21
135	Solid Phase Adsorption Toxin Tracking (SPATT) Technology for the Monitoring of Aquatic Toxins: A Review. 2018 , 10,	16
134	In situ fluorometry reveals a persistent, perennial hypolimnetic cyanobacterial bloom in a seasonally anoxic reservoir. 2018 , 37, 483-495	10
133	Single and combined exposure of microcystin-LR and nitrite results in reproductive endocrine disruption via hypothalamic-pituitary-gonadal-liver axis. 2018 , 211, 1137-1146	14
132	Food Web and Ecosystem Impacts of Harmful Algae. 2018 , 243-336	9
131	Molecular characterization and toxin quantification of <i>Microcystis panniformis</i> : A microcystin producer in Lake Taihu, China. 2019 , 76, 359-367	3
130	Cyanobacterial removal by a red soil-based flocculant and its effect on zooplankton: an experiment with deep enclosures in a tropical reservoir in China. 2019 , 26, 30663-30674	4
129	Development of a two-step immunochromatographic assay for microcystin-LR based on fluorescent microspheres. 2019 , 95, 34-40	21
128	Sub-Chronic Microcystin-LR Liver Toxicity in Preexisting Diet-Induced Nonalcoholic Steatohepatitis in Rats. 2019 , 11,	13

127	Effective aerial monitoring of cyanobacterial harmful algal blooms is dependent on understanding cellular migration. 2019 , 87, 101620	2
126	Oriented Functionalization of Magnetic Beads with Biotinylated Nanobodies for Rapid MALDI-TOF MS Ultrasensitive Quantitation of Microcystins in Biological Samples. 2019 , 91, 9925-9931	5
125	Temporal dynamics of intra-and extra-cellular microcystins concentrations in Koka reservoir (Ethiopia): Implications for public health risk. 2019 , 168, 83-92	13
124	Molecular mechanism for the discrepant inhibition of microcystins on protein phosphatase 1. 2019 , 26, 21774-21783	2
123	Removal of <i>Microcystis aeruginosa</i> and control of algal organic matters by potassium ferrate(VI) pre-oxidation enhanced Fe(II) coagulation. 2019 , 36, 1587-1594	10
122	Multimedia distributions, bioaccumulation, and trophic transfer of microcystins in the Geum River Estuary, Korea: Application of compound-specific isotope analysis of amino acids. 2019 , 133, 105194	10
121	The small, the big, and the beautiful: Emerging challenges and opportunities for waste stabilization ponds in Australia. 2019 , 6, e1383	11
120	CFD modelling of cyclonic-DAF (dissolved air flotation) reactor for algae removal. 2019 , 22, 477-481	2
119	Pyridine-grafted Cr-based metal-organic frameworks for adsorption and removal of microcystin-LR from aqueous solution. 2019 , 5, 577-584	4
118	Evaluating putative ecological drivers of microcystin spatiotemporal dynamics using metabarcoding and environmental data. 2019 , 86, 84-95	4
117	Phycocyanin as a proxy for algal blooms in surface waters: case study of Ukerewe Island, Tanzania. 2019 , 14, 229-239	6
116	Biomagnification characteristics and health risk assessment of the neurotoxin BMAA in freshwater aquaculture products of Taihu Lake Basin, China. 2019 , 229, 332-340	10
115	<i>Spirulina platensis</i> , a super food?. 2019 , 5, 43-54	43
114	Ultrasensitive Detection of Hepatotoxic Microcystin Production from Cyanobacteria Using Surface-Enhanced Raman Scattering Immunosensor. 2019 , 4, 1203-1210	24
113	Comparing effects of berberine on the growth and photosynthetic activities of <i>Microcystis aeruginosa</i> and <i>Chlorella pyrenoidosa</i> . 2019 , 80, 1155-1162	4
112	High Diversity of Microcystin Chemotypes within a Summer Bloom of the Cyanobacterium. 2019 , 11,	3
111	Determination of microcystins in water samples by deep eutectic solvent-based vortex-assisted liquid-liquid microextraction coupled with ultrahigh-performance liquid chromatography-high resolution mass spectrometry.. 2019 , 9, 38669-38676	10
110	Hepatotoxicity and immunotoxicity of MC-LR on silver carp. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 169, 28-32	7 15

109	Transport of organic substances through the cytoplasmic membrane of cyanobacteria. 2019 , 157, 206-218	14
108	Cyanobacteria in Diverse Habitats. 2019 , 1-28	6
107	An examination of microcystin-LR accumulation and toxicity using tethered bilayer lipid membranes (tBLMs). 2019 , 158, 51-56	5
106	Milk thistle () as an antidote or a protective agent against natural or chemical toxicities: a review. 2020 , 43, 240-254	30
105	Impact of bloom events on dissolved organic matter fluorophore signatures in Ohio waters. 2020 , 699, 134003	6
104	Biochemical parameters in skin and muscle of Pelophylax kl. esculentus frogs: Influence of a cyanobacterial bloom in situ. 2020 , 220, 105399	5
103	Turbulence regulation of Microcystis surface scum formation and dispersion during a cyanobacteria bloom event. 2020 , 10, 51-70	10
102	A Review on the Study of Cyanotoxins in Paleolimnological Research: Current Knowledge and Future Needs. 2019 , 12,	13
101	Mapping Freshwater Chlorophyll-a Concentrations at a Regional Scale Integrating Multi-Sensor Satellite Observations with Google Earth Engine. 2020 , 12, 3278	4
100	Recent developments in the methods of quantitative analysis of microcystins. 2020 , 34, e22582	10
99	The water chemistry and microbiome of household wells in Medawachchiya, Sri Lanka, an area with high prevalence of chronic kidney disease of unknown origin (CKDu). 2020 , 10, 18295	7
98	Regulation Efficacy and Mechanism of the Toxicity of Microcystin-LR Targeting Protein Phosphatase 1 via the Biodegradation Pathway. 2020 , 12,	1
97	Water quality of the volcanic crater lake, Lake Barombi Kotto, in Cameroon. 2020 , 45, 401-411	1
96	Endocytosis in microcystis aeruginosa accelerates the synthesis of microcystins in the presence of lanthanum(III). 2020 , 93, 101791	7
95	Recovery of Microcystis surface scum following a mixing event: Insights from a tank experiment. 2020 , 728, 138727	7
94	Precursor-Directed Biosynthesis and Fluorescence Labeling of Clickable Microcystins. 2020 , 83, 1960-1970	4
93	Microcystin Incidence in the Drinking Water of Mozambique: Challenges for Public Health Protection. 2020 , 12,	11
92	Development of an impedimetric immunosensor to determine microcystin-LR. New approaches in the use of the electrochemical impedance spectroscopy was used in determining to determine kinetic parameters of immunoreactions. 2020 , 353, 136621	3

91	Allelopathic effect of rhubarb extracts on the growth of <i>Microcystis aeruginosa</i> . 2020 , 82, 1092-1101	2
90	The bad against the villain: Suitability of <i>Corbicula fluminea</i> as a bioremediation agent towards cyanobacterial blooms. 2020 , 152, 105881	0
89	Photosynthetic adaptation to light availability shapes the ecological success of bloom-forming cyanobacterium <i>Pseudanabaena</i> to iron limitation. 2020 , 56, 1457-1467	1
88	Patterns of cyanobacterial abundance in a major drinking water reservoir: what 3 years of comprehensive monitoring data reveals?. 2020 , 192, 113	2
87	Calcium promotes formation of large colonies of the cyanobacterium <i>Microcystis</i> by enhancing cell-adhesion. 2020 , 92, 101768	4
86	A Mini Review on Microcystins and Bacterial Degradation. 2020 , 12,	32
85	Application of a non-target workflow for the identification of specific contaminants using the example of the Nidda river basin. 2020 , 178, 115703	11
84	A Fluorescence and Surface-Enhanced Raman Spectroscopic Dual-Modal Aptasensor for Sensitive Detection of Cyanotoxins. 2020 , 5, 1419-1426	39
83	Application of Fe(VI) in abating contaminants in water: State of art and knowledge gaps. 2021 , 15, 1	19
82	Microcystin in source water: pollution characteristics and human health risk assessment.. 2021 , 11, 6415-6422	1
81	Interannual and Spatial Variability of Cyanotoxins in the Prespa Lake Area, Greece. <i>Water (Switzerland)</i> , 2021 , 13, 357	3 3
80	Interplay of Nutrients, Temperature, and Competition of Native and Alien Cyanobacteria Species Growth and Cyanotoxin Production in Temperate Lakes. 2021 , 13,	8
79	Microorganisms Photocatalytic Inactivation on Ag ₃ PO ₄ Sub-Microcrystals Under WLEDs Light Source. 2021 , 31, 2233-2241	2
78	Permeability of the Cyanotoxin Microcystin-RR across a Caco-2 Cells Monolayer. 2021 , 13,	2
77	Multiple co-occurring and persistently detected cyanotoxins and associated cyanobacteria in adjacent California lakes. 2021 , 192, 1-14	6
76	Feedback regulation of surface scum formation and persistence by self-shading of <i>Microcystis</i> colonies: Numerical simulations and laboratory experiments. 2021 , 194, 116908	4
75	Selective removal of common cyanotoxins: a review. 2021 , 28, 28865-28875	1
74	Research on the discrepant inhibition mechanism of microcystin-LR disinfectant by-products target to protein phosphatase 1. 2021 , 28, 45586-45595	0

73	Microcystin biosynthesis and toxic effects. 2021 , 55, 102277	4
72	The Bright Side of Cyanobacteria: Revising the Nuisance Potential and Prospecting Innovative Biotechnology-Based Solutions to Integrate Water Management Programs. 2021 , 9, 7182-7197	2
71	Influence of monoterpenoids on the growth of freshwater cyanobacteria. 2021 , 105, 5675-5687	2
70	Strategies for Targeting Serine/Threonine Protein Phosphatases with Small Molecules in Cancer. 2021 , 64, 8916-8938	4
69	Environmental Risk Factors Implicated in Liver Disease: A Mini-Review. 2021 , 9, 683719	3
68	Effects of Hydrogen Peroxide on Cyanobacterium <i>Microcystis aeruginosa</i> in the Presence of Nanoplastics. 2021 , 1, 1596-1607	3
67	Neither microcystin, nor nodularin, nor cylindrospermopsin directly interact with human toll-like receptors. 2021 , 274, 129623	1
66	Acute health effects associated with satellite-determined cyanobacterial blooms in a drinking water source in Massachusetts. 2021 , 20, 83	1
65	Microcystin Toxicokinetics, Molecular Toxicology, and Pathophysiology in Preclinical Rodent Models and Humans. 2021 , 13,	6
64	Picophytoplankton community dynamics in a tropical river estuary and adjacent semi-enclosed water body. 2021 , 83, 1	0
63	Hybrid Approach of Unmanned Aerial Vehicle and Unmanned Surface Vehicle for Assessment of Chlorophyll-a Imagery Using Spectral Indices in Stream, South Korea. <i>Water (Switzerland)</i> , 2021 , 13, 1930 ³	6
62	Changes in Growth, Photosynthesis Performance, Pigments, and Toxin Contents of Bloom-Forming Cyanobacteria after Exposure to Macroalgal Allelochemicals. 2021 , 13,	
61	Antibacterial activity of Fe O /TiO nanoparticles on toxic cyanobacteria from a lake in Southern Illinois. 2021 , 93, 2807-2818	1
60	Risk factors for endemic chronic kidney disease of unknown etiology in Sri Lanka: Retrospect of water security in the dry zone. 2021 , 795, 148839	2
59	Electrochemical Biosensing of Algal Toxins. 2021 , 227-252	
58	Drivers of cyanobacterial blooms in lakes and reservoirs in Jinan City, China. 2020 , 71, 626	3
57	The consequences of internal waves for phytoplankton focusing on the distribution and production of <i>Planktothrix rubescens</i> . 2014 , 9, e104359	13
56	The correlation between the variation of microcystin content and environment factors in Di-anchi Lake. 2006 , 18, 572-577	5

55	Characteristic of microcystin distributions and its relationships with environmental factors in Lake Taihu. 2011 , 23, 513-519	3
54	Cyanotoxins: New health risk factor in Serbia. 2008 , 16, 55-58	3
53	Harmful Algae Bloom Occurrence in Urban Ponds: Relationship of Toxin Levels with Cell Density and Species Composition. 2017 , 25, 704-726	2
52	Toxic effects of potassium permanganate on photosystem II activity of cyanobacteria <i>Microcystis aeruginosa</i> . 2020 , 58, 54-60	3
51	PROTECTIVE EFFECTS OF SELENIUM NANOPARTICLES ON OXIDATIVE STRESS AND ANTIOXIDANT ENZYMES ACTIVITIES INDUCED BY MICROCYSTINS IN THE LIVER OF MICE. 2010 , 36, 679-683	4
50	Isolation and Characterization of Microcystins (Heptapeptides Hepatotoxins) from <i>Microcystis aeruginosa</i> Bloom in a Homestead Pond, Dhaka, Bangladesh. 2009 , 3, 245-250	2
49	Toxic Cyanobacteria in Four Brazilian Water Supply Reservoirs. 2012 , 03, 68-73	11
48	Seasonal Dynamics of Nutrient Loading and Chlorophyll A in a Northern Prairies Reservoir, Saskatchewan, Canada. 2012 , 04, 180-202	23
47	First record of red macroalgae bloom in Southern Atlantic Brazil. 2016 , 31, 33-39	4
46	Degradation of Microcystin-LR, Taste and Odor, and Natural Organic Matter by UV-LED Based Advanced Oxidation Processes in Synthetic and Natural Water Source. 2017 , 39, 246-254	2
45	Application of biosynthesized silver nanoparticles against a cancer promoter cyanobacterium, <i>Microcystis aeruginosa</i> . 2014 , 15, 6773-9	28
44	Filter Feeding and Carbon and Nitrogen Assimilation of a Freshwater Bivalve (<i>Unio douglasiae</i>) on a Toxic Cyanobacterium (<i>Microcystis aeruginosa</i>). 2021 , 11, 9294	1
43	The Effects of Ferric Sulfate (Fe(SO)) on the Removal of Cyanobacteria and Cyanotoxins: A Mesocosm Experiment. 2021 , 13,	0
42	TOXIC EFFECTS OF MICROCYSTIS CELL EXTRACTS CONTAINING MICROCYSTIN-LR ON THE BLOOD OF MICE. 2009 , 32, 811-817	
41	EFFECTS OF MICROCYSTIS ON THE GROWTH AND REPRODUCTION OF DAPHNIA MAGNA. 2010 , 33, 1198-1201	
40	Cyanobacterial and microcystins dynamics following the application of hydrogen peroxide to waste stabilisation ponds.	
39	Morphological and Biochemical Changes of <i>Microcystis aeruginosa</i> and <i>Anabaena flos-aquae</i> by Low Frequency Ultrasonic. 2013 , 12, 87-92	
38	Microphytoplankton variations during coral spawning at Los Roques, Southern Caribbean. 2016 , 4, e1747	

37	EFFECT OF IRON STRESS ON OXIDATIVE STRESS AND TOXIN PRODUCTION BY FRESHWATER CYANOBACTERIA. 2018 , 74, III_153-III_160	
36	Algal Contribution to the Occurrence of Refractory Organic Matter in Lake Paldang, South Korea: Inferred from Dual Stable Isotope (¹³ C and ¹⁵ N) Tracer Experiment.. 2019 , 52, 192-201	
35	Attenuation of Microcystins Using Electron Beams and Gamma Radiation: A Study with Environment-Bound Conditions. 2019 , 1, 30-44	
34	Cerium exposure in Lake Taihu water aggravates microcystin pollution via enhancing endocytosis of <i>Microcystis aeruginosa</i> . 2022 , 292, 118308	0
33	Comparaç�o entre LABicELISA e kit ELISA comercial para an�lise de microcistinas em �guas. 2020 , 223, 52-61	
32	Cyanotoxins and Food Contamination in Developing Countries: Review of Their Types, Toxicity, Analysis, Occurrence and Mitigation Strategies. 2021 , 13,	3
31	Investigation of microcystin conformation and binding towards PPP1 by molecular dynamics simulation. 2021 , 109766	0
30	In Vivo and In Vitro Toxicity Testing of Cyanobacterial Toxins: A Mini-Review. 2021 , 258, 109-150	1
29	Simultaneous electrochemical removal of <i>Microcystis aeruginosa</i> and sulfamethoxazole and its ecologic impacts on <i>Vallisneria spiralis</i> .. 2022 , 815, 152769	0
28	Hepatotoxic products of cyanobacteria and their toxicological effects. 2021 , 95, 54-72	
27	Arsenic Accumulation and Biotransformation Affected by Nutrients (N and P) in Common Blooming-Forming <i>Microcystis wesenbergii</i> (Kom�ek) Kom�ek ex Kom�ek (Cyanobacteria). <i>Water (Switzerland)</i> , 2022 , 14, 245	3
26	Cyanobacterial Blooms: Current Knowledge and New Perspectives. 2022 , 3, 127-135	2
25	The impact of micropollutants on native algae and cyanobacteria communities in ecological filters during drinking water treatment.. 2022 , 822, 153401	0
24	Detection and Monitoring of Cyanobacteria and Green Algae in River Water Using Derivative Spectrophotometry.	
23	The monthly variation tendency of microcystin-LR levels in the Huangpu River (China) by applications of ELISA and HPLC.. 2022 , 1	
22	Seasonal variation in the response to a toxin-producing cyanobacteria in <i>Daphnia</i> .	0
21	A review of plant-based coagulants for turbidity and cyanobacteria blooms removal.. 2022 , 1	2
20	Differential Effect of Hydroxyl Peroxide � Toxic Cyanobacteria of Hypertrophic Mediterranean Waterbodies. 2022 , 14, 123	2

19	Data_Sheet_1.DOCX. 2018,	
18	Microcystin Contamination and Toxicity: Implications for Agriculture and Public Health. 2022, 14, 350	2
17	Response of sediment phosphorus partitioning to lanthanum-modified clay amendment and porewater chemistry in a small eutrophic lake..	0
16	Insight into the Molecular Mechanism for the Discrepant Inhibition of Microcystins (MCLR, LA, LF, LW, LY) on Protein Phosphatase 2A. 2022, 14, 390	0
15	Subacute and sublethal ingestion of microcystin-LR impairs lung mitochondrial function by an oligomycin-like effect. 2022, 93, 103887	
14	Possibility for Water Quality Biocontrol: Observation of Microcystin Transfer in the Cyanobacteria-Ladhorn-Bish-Food Chain. <i>Water (Switzerland)</i> , 2022, 14, 1928	3
13	Adsorbents Used for Microcystin Removal from Water Sources: Current Knowledge and Future Prospects. <i>Processes</i> , 2022, 10, 1235	2.9
12	Spirulina- An Edible Cyanobacterium with Potential Therapeutic Health Benefits and Toxicological Consequences. 1-14	2
11	Removal of saxitoxin and anatoxin-a by PAC in the presence and absence of microcystin-LR and/or cyanobacterial cells. 2022,	0
10	Rapid horizontal accumulation and bloom formation of the cyanobacterium <i>Microcystis</i> under wind stress.	0
9	Microcystins in Water: Detection, Microbial Degradation Strategies, and Mechanisms. 2022, 19, 13175	1
8	The allelopathic algicides sanguinarine and berberine reduced the dominance of <i>Microcystis</i> in competition with <i>Chlorella</i> . 2022, 16, 100714	0
7	Combined effects of increased water temperature and cyanobacterial compounds exert heterogeneous effects on survival and ecological processes in key freshwater species.	0
6	Microcystin-LR-induced nuclear translocation of cGAS promotes mutagenesis in human hepatocytes by impeding homologous recombination repair. 2023, 373, 94-104	0
5	Bacterioplankton Community Shifts during a Spring Bloom of <i>Aphanizomenon gracile</i> and <i>Sphaerospermopsis aphanizomenoides</i> at a Temperate Shallow Lake. 2022, 1, 499-517	0
4	Metabolomic Analysis of <i>Microcystis aeruginosa</i> After Exposure to the Algicide L-Lysine. 2023, 110,	0
3	Regulation Effectiveness and Mechanism of Biotransformation Pathway on the Toxicity of Microcystin-LR Target to Protein Phosphatase 2A. 2023, 20, 964	0
2	Evaluating the use of chemically modified clinoptilolite zeolite for the simultaneous recovery of ammonium and phosphate from blackwater.	0

- 1 Using a novel coagulant as a practical and sustainable approach for cyanobacterial bloom control. **2023**, 30, 103057

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