Triantafyllos S Kaloudis

List of Publications by Citations

54 papers	1,430 citations	18 h-index	37 g-index
58 ext. papers	1,650 ext. citations	6.1 avg, IF	4.28 L-index

#	Paper	IF	Citations
54	Efficient removal of microcystin-LR by UV-C/H□□ in synthetic and natural water samples. *Water Research*, **2012**, 46, 1501-10	12.5	178
53	Destruction of microcystins by conventional and advanced oxidation processes: A review. *Separation and Purification Technology*, **2012**, 91, 3-17	8.3	156
52	Assessment of the roles of reactive oxygen species in the UV and visible light photocatalytic degradation of cyanotoxins and water taste and odor compounds using C-TiO2. *Water Research*, **2016**, 90, 52-61	12.5	131
51	A review on cylindrospermopsin: the global occurrence, detection, toxicity and degradation of a potent cyanotoxin. *Environmental Sciences: Processes and Impacts*, **2013**, 15, 1979-2003	4.3	128
50	Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. *Toxins*, **2018**, 10,	4.9	109
49	New SPE-LC-MS/MS method for simultaneous determination of multi-class cyanobacterial and algal toxins. *Journal of Hazardous Materials*, **2017**, 323, 56-66	12.8	87
48	Destruction of microcystins (cyanotoxins) by UV-254 nm-based direct photolysis and advanced oxidation processes (AOPs): influence of variable amino acids on the degradation kinetics and reaction mechanisms. *Water Research*, **2015**, 74, 227-38	12.5	70
47	Determination of microcystins and nodularin (cyanobacterial toxins) in water by LC-MS/MS. Monitoring of Lake Marathonas, a water reservoir of Athens, Greece. *Journal of Hazardous Materials*, **2013**, 263 Pt 1, 105-15	12.8	57
46	Photocatalytic Degradation of Microcystin-LR and Off-Odor Compounds in Water under UV-A and Solar Light with a Nanostructured Photocatalyst Based on Reduced Graphene Oxide□TiO2 Composite. Identification of Intermediate Products.. *Industrial & Engineering Chemistry Research*, **2013**, 52, 13991-14000	3.9	57
45	Photocatalytic degradation of cylindrospermopsin under UV-A, solar and visible light using TiO2. Mineralization and intermediate products. *Chemosphere*, **2015**, 119 Suppl, S89-94	8.4	45
44	Occurrence and diversity of cyanotoxins in Greek lakes. *Scientific Reports*, **2018**, 8, 17877	4.9	42
43	Toxic cyanobacteria and cyanotoxins in European waters □recent progress achieved through the CYANOCOST Action and challenges for further research. *Advances in Oceanography and Limnology*, **2017**, 8,	1.3	39
42	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,	6	39
41	Development of an integrated laboratory system for the monitoring of cyanotoxins in surface and drinking waters. *Toxicon*, **2010**, 55, 979-89	2.8	37
40	Development of a fast and selective method for the sensitive determination of anatoxin-a in lake waters using liquid chromatography-tandem mass spectrometry and phenylalanine-d5 as internal standard. *Analytical and Bioanalytical Chemistry*, **2010**, 397, 2245-52	4.4	33
39	Photocatalytic degradation of water taste and odour compounds in the presence of polyoxometalates and TiO2: Intermediates and degradation pathways. *Journal of Photochemistry and Photobiology A: Chemistry*, **2014**, 286, 1-9	4.7	30
38	Validation of a FT-IR method for the determination of oils and grease in water using tetrachloroethylene as the extraction solvent. *Desalination*, **2007**, 210, 52-60	10.3	21

37	Diversity, Cyanotoxin Production, and Bioactivities of Cyanobacteria Isolated from Freshwaters of Greece. *Toxins*, **2019**, 11,	4.9	19
36	First report of Aphanizomenon favaloroi occurrence in Europe associated with saxitoxins and a massive fish kill in Lake Vistonis, Greece. *Marine and Freshwater Research*, **2017**, 68, 793	2.2	18
35	Neurotoxin BMAA and its isomeric amino acids in cyanobacteria and cyanobacteria-based food supplements. *Journal of Hazardous Materials*, **2019**, 365, 346-365	12.8	18
34	Monitoring a newly re-born patient: water quality and cyanotoxin occurrence in a reconstructed shallow Mediterranean lake. *Advances in Oceanography and Limnology*, **2017**, 8,	1.3	15
33	A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins. *Scientific Data*, **2018**, 5, 180226	8.2	15
32	A Greek Cylindrospermopsis raciborskii strain: Missing link in tropic invaders phylogeography tale. *Harmful Algae*, **2018**, 80, 96-106	5.3	15
31	New microginins from cyanobacteria of Greek freshwaters. *Chemosphere*, **2020**, 248, 125961	8.4	14
30	Sources and Occurrence of Cyanotoxins Worldwide. *Environmental Pollution*, **2010**, 101-127	0	13
29	Diversity of cyanobacteria and the presence of cyanotoxins in the epilimnion of Lake Yerevan (Armenia). *Toxicon*, **2018**, 150, 28-38	2.8	9
28	Lessons from the Uīte Case **2017**, 298-308		6
27	Kinetic and mechanistic investigation of water taste and odor compound 2-isopropyl-3-methoxy pyrazine degradation using UV-A/Chlorine process. *Science of the Total Environment*, **2020**, 732, 138404	10.2	5
26	Determination of Cyanotoxins by High-Performance Liquid Chromatography with Photodiode Array **2017**, 203-211		3
25	Introduction to Cyanobacteria and Cyanotoxins **2020**, 1-35		3
24	Solid-Phase Extraction of Microcystins and Nodularin from Drinking Water **2017**, 354-357		2
23	Determination of Microcystins and Nodularin in Filtered and Drinking Water by LC-MS/MS **2017**, 372-378		2
22	Stratification strength and light climate explain variation in chlorophyll a at the continental scale in a European multilake survey in a heatwave summer. *Limnology and Oceanography*, **2021**, 66, 4314	4.8	2
21	Biological Treatment for the Destruction of Cyanotoxins **2020**, 117-153		2
20	Cyanobacterial Toxins and Peptides in Lake Vegoritis, Greece. *Toxins*, **2021**, 13,	4.9	2

19	Taste and Odour Compounds Produced by Cyanobacteria **2017**, 196-201	1
18	Protein Phosphatase Inhibition Assays **2017**, 267-271	1
17	Determination of Anatoxin-a in Filtered and Drinking Water by LC-MS/MS **2017**, 408-412	1
16	Basic Validation Protocol for the Analysis of Cyanotoxins in Environmental Samples **2017**, 481-485	1
15	Fragmentation mass spectra dataset of linear cyanopeptides - microginins. *Data in Brief*, **2020**, 31, 105825	1
14	Transformation Products of Hazardous Cyanobacterial Metabolites in Water **2014**, 675-708	1
13	Removal and/or Destruction of Cyanobacterial Taste and Odour Compounds by Conventional and Advanced Oxidation Processes **2020**, 207-230	1
12	Transformation Products (TPs) of Cyanobacterial Metabolites During Treatment **2020**, 231-305	1
11	Determination of Geosmin and 2-Methylisoborneol in Water by HS-SPME-GC/MS **2017**, 469-474	0
10	Liquid Chromatography Mass Spectrometry **2017**, 218-257	
9	Method Validation Guidelines for the Analysis of Cyanotoxins **2017**, 285-291	
8	Extraction of Cyanotoxins from Cyanobacterial Biomass **2017**, 350-353	
7	Quantitative Screening of Microcystins and Nodularin in Water Samples with Commercially Available ELISA Kits **2017**, 390-392	
6	Quantitative Screening of Microcystins and Nodularin in Water Samples with Commercially Available PPIA Kits **2017**, 393-395	
5	Solid-Phase Extraction of Cylindrospermopsin from Filtered and Drinking Water **2017**, 396-398	
4	Determination of Cylindrospermopsin in Filtered and Drinking Water by LC-MS/MS **2017**, 399-404	
3	Solid-Phase Extraction of Anatoxin-a from Filtered and Drinking Water **2017**, 405-407	
2	Radiolytic degradation of 2-methylisoborneol and geosmin in water: Reactive radical species and transformation pathways. *Chemical Engineering Journal Advances*, **2021**, 8, 100196	3.6

List of Publications

1 Advanced Oxidation Processes **2020**, 173-206