

Triantafyllos S Kaloudis

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,890
citations

331259

21
h-index

377514

34
g-index

58
all docs

58
docs citations

58
times ranked

2355
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient removal of microcystin-LR by UV-C/H ₂ O ₂ in synthetic and natural water samples. <i>Water Research</i> , 2012, 46, 1501-1510.	5.3	206
2	Destruction of microcystins by conventional and advanced oxidation processes: A review. <i>Separation and Purification Technology</i> , 2012, 91, 3-17.	3.9	180
3	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 ⁺ TiO ₂ . <i>Water Research</i> , 2016, 90, 52-61.	5.3	165
4	Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. <i>Toxins</i> , 2018, 10, 156.	1.5	159
5	A review on cylindrospermopsin: the global occurrence, detection, toxicity and degradation of a potent cyanotoxin. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1979.	1.7	147
6	New SPE-LC-MS/MS method for simultaneous determination of multi-class cyanobacterial and algal toxins. <i>Journal of Hazardous Materials</i> , 2017, 323, 56-66.	6.5	108
7	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. <i>Water Research</i> , 2015, 74, 227-238.	5.3	88
8	Determination of microcystins and nodularin (cyanobacterial toxins) in water by LC-MS/MS. Monitoring of Lake Marathonas, a water reservoir of Athens, Greece. <i>Journal of Hazardous Materials</i> , 2013, 263, 105-115.	6.5	71
9	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-TiO ₂ Composite. Identification of Intermediate Products.. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 13991-14000.	1.8	64
10	Toxic cyanobacteria and cyanotoxins in European waters – recent progress achieved through the CYANOCOST Action and challenges for further research. <i>Advances in Oceanography and Limnology</i> , 2017, 8, .	0.2	64
11	Occurrence and diversity of cyanotoxins in Greek lakes. <i>Scientific Reports</i> , 2018, 8, 17877.	1.6	59
12	Photocatalytic degradation of cylindrospermopsin under UV-A, solar and visible light using TiO ₂ . Mineralization and intermediate products. <i>Chemosphere</i> , 2015, 119, S89-S94.	4.2	53
13	Development of an integrated laboratory system for the monitoring of cyanotoxins in surface and drinking waters. <i>Toxicon</i> , 2010, 55, 979-989.	0.8	50
14	A Collaborative Evaluation of LC-MS/MS Based Methods for BMAA Analysis: Soluble Bound BMAA Found to Be an Important Fraction. <i>Marine Drugs</i> , 2016, 14, 45.	2.2	47
15	Photocatalytic degradation of water taste and odour compounds in the presence of polyoxometalates and TiO ₂ : Intermediates and degradation pathways. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 286, 1-9.	2.0	44
16	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-d 5 as internal standard. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2245-2252.	1.9	40
17	A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins. <i>Scientific Data</i> , 2018, 5, 180226.	2.4	30
18	New microginins from cyanobacteria of Greek freshwaters. <i>Chemosphere</i> , 2020, 248, 125961.	4.2	29

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19	Diversity, Cyanotoxin Production, and Bioactivities of Cyanobacteria Isolated from Freshwaters of Greece. <i>Toxins</i> , 2019, 11, 436.	1.5	27
20	Neurotoxin BMAA and its isomeric amino acids in cyanobacteria and cyanobacteria-based food supplements. <i>Journal of Hazardous Materials</i> , 2019, 365, 346-365.	6.5	25
21	Validation of a FT-IR method for the determination of oils and grease in water using tetrachloroethylene as the extraction solvent. <i>Desalination</i> , 2007, 210, 52-60.	4.0	24
22	A Greek <i>Cylindrospermopsis raciborskii</i> strain: Missing link in tropic invader's phylogeography tale. <i>Harmful Algae</i> , 2018, 80, 96-106.	2.2	22
23	First report of <i>Aphanizomenon favaloroi</i> occurrence in Europe associated with saxitoxins and a massive fish kill in Lake Vistonis, Greece. <i>Marine and Freshwater Research</i> , 2017, 68, 793.	0.7	21
24	Monitoring a newly re-born patient: water quality and cyanotoxin occurrence in a reconstructed shallow Mediterranean lake. <i>Advances in Oceanography and Limnology</i> , 2017, 8, .	0.2	19
25	Stratification strength and light climate explain variation in chlorophyll <i>a</i> at the continental scale in a European multilake survey in a heatwave summer. <i>Limnology and Oceanography</i> , 2021, 66, 4314-4333.	1.6	19
26	Cyanobacterial Toxins and Peptides in Lake Vegoritis, Greece. <i>Toxins</i> , 2021, 13, 394.	1.5	18
27	Sources and Occurrence of Cyanotoxins Worldwide. <i>Environmental Pollution</i> , 2010, , 101-127.	0.4	17
28	Kinetic and mechanistic investigation of water taste and odor compound 2-isopropyl-3-methoxy pyrazine degradation using UV-A/Chlorine process. <i>Science of the Total Environment</i> , 2020, 732, 138404.	3.9	15
29	Anabaenopeptins from Cyanobacteria in Freshwater Bodies of Greece. <i>Toxins</i> , 2022, 14, 4.	1.5	12
30	Diversity of cyanobacteria and the presence of cyanotoxins in the epilimnion of Lake Yerevan (Armenia). <i>Toxicon</i> , 2018, 150, 28-38.	0.8	11
31	Cyanotoxins in Bloom: Ever-Increasing Occurrence and Global Distribution of Freshwater Cyanotoxins from Planktic and Benthic Cyanobacteria. <i>Toxins</i> , 2022, 14, 264.	1.5	6
32	Investigation of the Occurrence of Cyanotoxins in Lake Karaoun (Lebanon) by Mass Spectrometry, Bioassays and Molecular Methods. <i>Toxins</i> , 2021, 13, 716.	1.5	4
33	Fragmentation mass spectra dataset of linear cyanopeptides - microginins. <i>Data in Brief</i> , 2020, 31, 105825.	0.5	2
34	Radiolytic degradation of 2-methylisoborneol and geosmin in water: Reactive radical species and transformation pathways. <i>Chemical Engineering Journal Advances</i> , 2021, 8, 100196.	2.4	2
35	Foreword to the Themed Issue "Cyanobacteria". <i>Advances in Oceanography and Limnology</i> , 2017, 8, .	0.2	0