Audrey Roy-Lachapelle

List of Publications by Year
in descending order

18	631	566801 15	839053 18
papers	citations	h-index	g-index

18	18	18	845
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection of Cyanotoxins in Algae Dietary Supplements. Toxins, 2017, 9, 76.	1.5	96
2	Fractionation and analysis of veterinary antibiotics and their related degradation products in agricultural soils and drainage waters following swine manure amendment. Science of the Total Environment, 2016, 543, 524-535.	3.9	69
3	Quantitative performance of liquid chromatography coupled to Q-Exactive high resolution mass spectrometry (HRMS) for the analysis of tetracyclines in a complex matrix. Analytica Chimica Acta, 2015, 853, 415-424.	2.6	65
4	On-line solid-phase extraction coupled to liquid chromatography tandem mass spectrometry for the analysis of cyanotoxins in algal blooms. Toxicon, 2015, 108, 167-175.	0.8	50
5	Analysis of multiclass cyanotoxins (microcystins, anabaenopeptins, cylindrospermopsin and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf spectrometry. Analytical Methods, 2019, 11, 5289-5300.	1.3	46
6	Analysis of individual and total microcystins in surface water by on-line preconcentration and desalting coupled to liquid chromatography tandem mass spectrometry. Journal of Chromatography A, 2017, 1516, 9-20.	1.8	40
7	Determination of BMAA and three alkaloid cyanotoxins in lake water using dansyl chloride derivatization and high-resolution mass spectrometry. Analytical and Bioanalytical Chemistry, 2015, 407, 5487-5501.	1.9	38
8	Total microcystins analysis in water using laser diode thermal desorption-atmospheric pressure chemical ionization-tandem mass spectrometry. Analytica Chimica Acta, 2014, 820, 76-83.	2.6	32
9	Biodegradation of microcystin-LR using acclimatized bacteria isolated from different units of the drinking water treatment plant. Environmental Pollution, 2018, 242, 407-416.	3.7	31
10	Development of a suspect and nonâ€target screening approach to detect veterinary antibiotic residues in a complex biological matrix using liquid chromatography/highâ€resolution mass spectrometry. Rapid Communications in Mass Spectrometry, 2015, 29, 2361-2373.	0.7	27
11	High resolution/accurate mass (HRMS) detection of anatoxin-a in lake water using LDTDâ€“APCI coupled to a Q-Exactive mass spectrometer. Talanta, 2015, 132, 836-844.	2.9	25
12	Ultra-fast analysis of anatoxin-A using laser diode thermal desorption-atmospheric pressure chemical ionization-tandem mass spectrometry: Validation and resolution from phenylalanine. Toxicon, 2013, 61, 165-174.	0.8	23
13	Agro-industrial residues as a unique support in a sand filter to enhance the bioactivity to remove microcystin-Leucine aRginine and organics. Science of the Total Environment, 2019, 670, 971-981.	3.9	22
14	Total Analysis of Microcystins in Fish Tissue Using Laser Thermal Desorptionâ€“Atmospheric Pressure Chemical Ionizationâ€“High-Resolution Mass Spectrometry (LDTD-APCI-HRMS). Journal of Agricultural and Food Chemistry, 2015, 63, 7440-7449.	2.4	19
15	A Data-Independent Methodology for the Structural Characterization of Microcystins and Anabaenopeptins Leading to the Identification of Four New Congeners. Toxins, 2019, 11, 619.	1.5	19
16	Co-culturing of native bacteria from drinking water treatment plant with known degraders to accelerate microcystin-LR removal using biofilter. Chemical Engineering Journal, 2020, 383, 123090.	6.6	13
17	A data-independent acquisition approach based on HRMS to explore the biodegradation process of organic micropollutants involved in a biological ion-exchange drinking water filter. Chemosphere, 2021, 277, 130216.	4.2	11
18	Evaluation of ELISA-based method for total anabaenopeptins determination and comparative analysis with on-line SPE-UHPLC-HRMS in freshwater cyanobacterial blooms. Talanta, 2021, 223, 121802.	2.9	5