# Audrey Roy-Lachapelle

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4739810/publications.pdf

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| 18 | 631 | 567144 15 | 839398 18 |
|---|---|---|---|
| papers | citations | h-index | g-index |

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

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Analysis of multiclass cyanotoxins (microcystins, anabaenopeptins, cylindrospermopsin and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 T spectrometry. Analytical Methods, 2019, 11, 5289-5300. | 1.3 | 46 |
| 7 | 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 |
| 8 | 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 |
| 9 | Detection of Cyanotoxins in Algae Dietary Supplements. Toxins, 2017, 9, 76. | 1.5 | 96 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |