StÃ©phane Bouchonnet

List of Publications by Year
in descending order

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36 papers	555 citations	687363 13 h-index	677142 22 g-index
36 all docs	36 docs citations	36 times ranked	703 citing authors

#	Article	IF	Citations
1	Bioanalytical characterisation of multiple endocrine- and dioxin-like activities in sediments from reference and impacted small rivers. Environmental Pollution, 2010, 158, 74-83.	7.5	106
2	Analysis of inorganic chloramines in water. TrAC - Trends in Analytical Chemistry, 2012, 33, 55-67.	11.4	39
3	Formation and determination of organohalogen by-products in water â€“ Part I. Discussing the parameters influencing the formation of organohalogen by-products and the relevance of estimating their concentration using the AOX (adsorbable organic halide) method. TrAC - Trends in Analytical Chemistry, 2016, 85, 273-280.	11.4	27
4	Ultraviolet degradation of procymidone â€“ structural characterization by gas chromatography coupled with mass spectrometry and potential toxicity of photoproducts using in silico tests. Rapid Communications in Mass Spectrometry, 2013, 27, 1505-1516.	1.5	21
5	Laboratory scale UVâ€“visible degradation of acetamiprid in aqueous marketed mixtures - Structural elucidation of photoproducts and toxicological consequences. Chemosphere, 2020, 248, 126040.	8.2	21
6	Ultravioletâ€“vis degradation of iprodione and estimation of the acute toxicity of its photodegradation products. Journal of Chromatography A, 2014, 1371, 146-153.	3.7	19
7	Photodegradation of benzisothiazolinone: Identification and biological activity of degradation products. Chemosphere, 2020, 240, 124862.	8.2	19
8	UVâ€“vis degradation of Î±-tocopherol in a model system and in a cosmetic emulsionâ€”Structural elucidation of photoproducts and toxicological consequences. Journal of Chromatography A, 2017, 1517, 126-133.	3.7	18
9	Extraction and purification procedures for simultaneous quantification of phenolic xenoestrogens and steroid estrogens in river sediment by gas chromatography/ion trap mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 3651-3661.	1.5	17
10	Determination of adsorbable organic halogens in surface water samples by combustionâ€“microcoulometry versus combustionâ€“ion chromatography titration. Journal of Chromatography A, 2018, 1539, 41-52.	3.7	17
11	Estrone direct photolysis: By-product identification using LC-Q-TOF. Chemosphere, 2012, 87, 185-193.	8.2	16
12	Formation and determination of organohalogen by-products in water â€“ Part II. Sample preparation techniques for analytical approaches. TrAC - Trends in Analytical Chemistry, 2016, 85, 281-294.	11.4	16
13	Selective and trace determination of monochloramine in river water by chemical derivatization and liquid chromatography/tandem mass spectrometry analysis. Talanta, 2015, 140, 189-197.	5.5	15
14	Characterization of the photodegradation products of metolachlor: structural elucidation, potential toxicity and persistence. Journal of Mass Spectrometry, 2012, 47, 1582-1593.	1.6	14
15	UV-visible degradation of boscalid - structural characterization of photoproducts and potential toxicity usingin silicotests. Rapid Communications in Mass Spectrometry, 2014, 28, 1153-1163.	1.5	13
16	Characterization of the ultravioletâ€“visible photoproducts of thiophanate-methyl using high performance liquid chromatography coupled with high resolution tandem mass spectrometryâ€”Detection in grapes and tomatoes. Journal of Chromatography A, 2016, 1441, 75-82.	3.7	13
17	A sensitive and specific solid-phase extractionâ€“gas chromatographyâ€“tandem mass spectrometry method for the determination of 11 haloacetic acids in aqueous samples. European Journal of Mass Spectrometry, 2018, 24, 375-383.	1.0	13
18	Development and validation of a multiclass method for the determination of organohalogen disinfectant by-products in water samples using solid phase extraction and gas chromatography-tandem mass spectrometry. Journal of Chromatography A, 2018, 1579, 89-98.	3.7	12

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19	How to select relevant metabolites based on available data for parent molecules: Case of neonicotinoids, carbamates, phenylpyrazoles and organophosphorus compounds in French water resources. Environmental Pollution, 2020, 265, 114992.	7.5	12
20	Structural elucidation and estimation of the acute toxicity of the major UVâ€“visible photoproduct of fludioxonil â€“ detection in both skin and flesh samples of grape. Journal of Mass Spectrometry, 2015, 50, 864-869.	1.6	11
21	Formation and determination of organohalogen by-products in water. Part III. Characterization and quantitative approaches. TrAC - Trends in Analytical Chemistry, 2016, 85, 295-305.	11.4	11
22	Structural characterization of photoproducts of pyrimethanil. Journal of Mass Spectrometry, 2013, 48, 983-987.	1.6	10
23	Photodegradation of fluorene in aqueous solution: Identification and biological activity testing of degradation products. Journal of Chromatography A, 2016, 1442, 118-128.	3.7	10
24	UV-visible photodegradation of naproxen in water â€“ Structural elucidation of photoproducts and potential toxicity. European Journal of Mass Spectrometry, 2020, 26, 400-408.	1.0	10
25	Tracking Monochloramine Decomposition in MIMS Analysis. Sensors, 2020, 20, 247.	3.8	9
26	Introduction to GC-MS Coupling. , 0, , .		9
27	Isomerization of fenbuconazole under UVâ€visible irradiation â€“ chemical and toxicological approaches. Rapid Communications in Mass Spectrometry, 2015, 29, 1335-1342.	1.5	8
28	Determination of monochloramine dissipation kinetics in various surface water qualities under relevant environmental conditions - Consequences regarding environmental risk assessment. Science of the Total Environment, 2019, 685, 542-554.	8.0	8
29	Challenges and opportunities for on-line monitoring of chlorine-produced oxidants in seawater using portable membrane-introduction Fourier transform-ion cyclotron resonance mass spectrometry. Analytical and Bioanalytical Chemistry, 2021, 413, 885-900.	3.7	8
30	Ultravioletâ€“visible phototransformation of dehydroacetic acid â€“ Structural characterization of photoproducts and global ecotoxicity. Rapid Communications in Mass Spectrometry, 2018, 32, 862-870.	1.5	7
31	Study of the photoinduced transformations of maprotiline in river water using liquid chromatography high-resolution mass spectrometry. Science of the Total Environment, 2021, 755, 143556.	8.0	7
32	Photolysis of estrone generates estrogenic photoproducts with higher activity than the parent compound. Environmental Science and Pollution Research, 2014, 21, 7818-7827.	5.3	6
33	Photodegradation of cyprodinil under UVâ€“visible irradiation â€“ chemical and toxicological approaches. Rapid Communications in Mass Spectrometry, 2016, 30, 2201-2211.	1.5	5
34	Characterization of photoproducts and global ecotoxicity of chlorphenesin: A preservative used in skin care products. International Journal of Cosmetic Science, 2022, 44, 10-19.	2.6	4
35	Is It Possible to Measure Monobromamine Using Colorimetric Methods Based on the Berthelot Reaction, Like for Monochloramine?. Analyticaâ€”A Journal of Analytical Chemistry and Chemical Analysis, 2020, 1, 1-11.	1.7	2
36	SPIX: A new software package to reveal chemical reactions at trace amounts in very complex mixtures from highâ€resolution mass spectra dataset. Rapid Communications in Mass Spectrometry, 2021, 35, e9015.	1.5	2