

Stéphane Bouchonnet

List of Publications by Year in descending order

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Version: 2024-02-01

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	Characterization of photoproducts and global ecotoxicity of chlorphenesin: A preservative used in skin care products. <i>International Journal of Cosmetic Science</i> , 2022, 44, 10-19.	2.6	4
2	Challenges and opportunities for on-line monitoring of chlorine-produced oxidants in seawater using portable membrane-introduction Fourier transform-ion cyclotron resonance mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 885-900.	3.7	8
3	Study of the photoinduced transformations of maprotiline in river water using liquid chromatography high-resolution mass spectrometry. <i>Science of the Total Environment</i> , 2021, 755, 143556.	8.0	7
4	SPIX: A new software package to reveal chemical reactions at trace amounts in very complex mixtures from high-resolution mass spectra dataset. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9015.	1.5	2
5	Photodegradation of benzisothiazolinone: Identification and biological activity of degradation products. <i>Chemosphere</i> , 2020, 240, 124862.	8.2	19
6	Tracking Monochloramine Decomposition in MIMS Analysis. <i>Sensors</i> , 2020, 20, 247.	3.8	9
7	UV-visible photodegradation of naproxen in water – Structural elucidation of photoproducts and potential toxicity. <i>European Journal of Mass Spectrometry</i> , 2020, 26, 400-408.	1.0	10
8	How to select relevant metabolites based on available data for parent molecules: Case of neonicotinoids, carbamates, phenylpyrazoles and organophosphorus compounds in French water resources. <i>Environmental Pollution</i> , 2020, 265, 114992.	7.5	12
9	Laboratory scale UV-visible degradation of acetamiprid in aqueous marketed mixtures - Structural elucidation of photoproducts and toxicological consequences. <i>Chemosphere</i> , 2020, 248, 126040.	8.2	21
10	Is It Possible to Measure Monobromamine Using Colorimetric Methods Based on the Berthelot Reaction, Like for Monochloramine?. <i>Analytica Chimica Acta: A Journal of Analytical Chemistry and Chemical Analysis</i> , 2020, 1, 1-11.	1.7	2
11	Determination of monochloramine dissipation kinetics in various surface water qualities under relevant environmental conditions - Consequences regarding environmental risk assessment. <i>Science of the Total Environment</i> , 2019, 685, 542-554.	8.0	8
12	Determination of adsorbable organic halogens in surface water samples by combustion-microcoulometry versus combustion-ion chromatography titration. <i>Journal of Chromatography A</i> , 2018, 1539, 41-52.	3.7	17
13	Ultraviolet-visible phototransformation of dehydroacetic acid – Structural characterization of photoproducts and global ecotoxicity. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 862-870.	1.5	7
14	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. <i>Journal of Chromatography A</i> , 2018, 1579, 89-98.	3.7	12
15	A sensitive and specific solid-phase extraction-gas chromatography-tandem mass spectrometry method for the determination of 11 haloacetic acids in aqueous samples. <i>European Journal of Mass Spectrometry</i> , 2018, 24, 375-383.	1.0	13
16	UV-vis degradation of Î±-tocopherol in a model system and in a cosmetic emulsion – Structural elucidation of photoproducts and toxicological consequences. <i>Journal of Chromatography A</i> , 2017, 1517, 126-133.	3.7	18
17	Formation and determination of organohalogen by-products in water. Part III. Characterization and quantitative approaches. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 295-305.	11.4	11
18	Formation and determination of organohalogen by-products in water – Part II. Sample preparation techniques for analytical approaches. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 281-294.	11.4	16

#	ARTICLE	IF	CITATIONS
19	Photodegradation of cyprodinil under UVâ€“visible irradiation â€“ chemical and toxicological approaches. Rapid Communications in Mass Spectrometry, 2016, 30, 2201-2211.	1.5	5
20	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
21	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
22	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
23	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
24	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
25	Isomerization of fenbuconazole under UVâ€“visible irradiation â€“ chemical and toxicological approaches. Rapid Communications in Mass Spectrometry, 2015, 29, 1335-1342.	1.5	8
26	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
27	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
28	UV-visible degradation of boscalid - structural characterization of photoproducts and potential toxicity using <i>in silico</i> tests. Rapid Communications in Mass Spectrometry, 2014, 28, 1153-1163.	1.5	13
29	Ultraviolet degradation of procymidone â€“ structural characterization by gas chromatography coupled with mass spectrometry and potential toxicity of photoproducts using <i>in silico</i> tests. Rapid Communications in Mass Spectrometry, 2013, 27, 1505-1516.	1.5	21
30	Structural characterization of photoproducts of pyrimethanil. Journal of Mass Spectrometry, 2013, 48, 983-987.	1.6	10
31	Characterization of the photodegradation products of metolachlor: structural elucidation, potential toxicity and persistence. Journal of Mass Spectrometry, 2012, 47, 1582-1593.	1.6	14
32	Estrone direct photolysis: By-product identification using LC-Q-TOF. Chemosphere, 2012, 87, 185-193.	8.2	16
33	Analysis of inorganic chloramines in water. TrAC - Trends in Analytical Chemistry, 2012, 33, 55-67.	11.4	39
34	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
35	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
36	Introduction to GC-MS Coupling. , 0, , .		9