

Edith Nicol

List of Publications by Year in descending order

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29
papers

549
citations

687363

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h-index

642732

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29
all docs

29
docs citations

29
times ranked

858
citing authors

#	ARTICLE	IF	CITATIONS
1	Fourier transform ion cyclotron resonance mass spectrometry at the true cyclotron frequency. <i>Mass Spectrometry Reviews</i> , 2022, 41, 314-337.	5.4	8
2	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
3	Comparison of Advanced Oxidation Processes for the Degradation of Maprotiline in Water Kinetics, Degradation Products and Potential Ecotoxicity. <i>Catalysts</i> , 2021, 11, 240.	3.5	8
4	Photodegradation of benzisothiazolinone: Identification and biological activity of degradation products. <i>Chemosphere</i> , 2020, 240, 124862.	8.2	19
5	Narrow Aperture Detection Electrodes ICR Cell with Quadrupolar Ion Detection for FT-ICR MS at the Cyclotron Frequency. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 2258-2269.	2.8	4
6	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
7	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
8	Infrared Spectra of Deprotonated Dicarboxylic Acids: IRMPD Spectroscopy and Empirical Valence Bond Modeling. <i>ChemPhysChem</i> , 2019, 20, 803-814.	2.1	5
9	Vibrational spectroscopy of deprotonated peptides containing an acidic side chain. <i>International Journal of Mass Spectrometry</i> , 2019, 435, 42-50.	1.5	2
10	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
11	Spectroscopy and Photodissociation of the Perfluorooctanoate Anion. <i>Chemistry - A European Journal</i> , 2018, 24, 15572-15576.	3.3	1
12	Molecular Characterization of Cloud Water Samples Collected at the Puy de Dôme (France) by Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Environmental Science & Technology</i> , 2018, 52, 10275-10285.	10.0	100
13	Improved Infrared Spectra Prediction by DFT from a New Experimental Database. <i>Chemistry - A European Journal</i> , 2017, 23, 8414-8423.	3.3	50
14	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
15	Photodegradation of cyprodinil under UV-visible irradiation chemical and toxicological approaches. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 2201-2211.	1.5	5
16	Characterization of the ultraviolet-visible photoproducts of thiophanate-methyl using high performance liquid chromatography coupled with high resolution tandem mass spectrometry Detection in grapes and tomatoes. <i>Journal of Chromatography A</i> , 2016, 1441, 75-82.	3.7	13
17	Structural elucidation and estimation of the acute toxicity of the major UV-visible photoproduct of fludioxonil detection in both skin and flesh samples of grape. <i>Journal of Mass Spectrometry</i> , 2015, 50, 864-869.	1.6	11
18	Structural elucidation of metolachlor photoproducts by liquid chromatography/high-resolution tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 2279-2286.	1.5	7

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19	Combining gas phase electron capture and IRMPD action spectroscopy to probe the electronic structure of a metastable reduced organometallic complex containing a non-innocent ligand. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25689-25692.	2.8	11
20	Isomerization of fenbuconazole under UVâ€‘visible irradiation â€‘ chemical and toxicological approaches. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1335-1342.	1.5	8
21	Ion source parameters and hydrogen scrambling in the ECD of selectively deuterated peptides. <i>International Journal of Mass Spectrometry</i> , 2014, 367, 21-27.	1.5	2
22	Ultravioletâ€‘vis degradation of iprodione and estimation of the acute toxicity of its photodegradation products. <i>Journal of Chromatography A</i> , 2014, 1371, 146-153.	3.7	19
23	Vibrational Signatures of <i>S</i> -Nitrosoglutathione as Gaseous, Protonated Species. <i>Journal of Physical Chemistry B</i> , 2014, 118, 12371-12382.	2.6	20
24	Globule to Helix Transition in Sodiated Polyalanines. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3320-3324.	4.6	33
25	Structural Influences on Preferential Oxazolone versus Diketopiperazine b ₂ ⁺ Ion Formation for Histidine Analogue-Containing Peptides. <i>Journal of Physical Chemistry A</i> , 2012, 116, 4296-4304.	2.5	33
26	Assigning Structures to Gas-Phase Peptide Cations and Cation-Radicals. An Infrared Multiphoton Dissociation, Ion Mobility, Electron Transfer, and Computational Study of a Histidine Peptide Ion. <i>Journal of Physical Chemistry B</i> , 2012, 116, 3445-3456.	2.6	47
27	Structure of Sodiated Polyglycines. <i>Chemistry - A European Journal</i> , 2012, 18, 4583-4592.	3.3	22
28	Gas phase structure of micro-hydrated [Mn(ClO ₄) ⁺ and [Mn ₂ (ClO ₄) ₃] ⁺ ions probed by infrared spectroscopy. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 758-772.	2.8	37
29	Colorimetric quantification of amino groups in linear and dendritic structures. <i>Polymer International</i> , 2009, 58, 511-518.	3.1	26