

Edith Nicol

List of Publications by Year in descending order

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papers

549
citations

687363

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times ranked

858
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Improved Infrared Spectra Prediction by DFT from a New Experimental Database. <i>Chemistry - A European Journal</i> , 2017, 23, 8414-8423.	3.3	50
3	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
4	Gas phase structure of micro-hydrated $[Mn(CIO_4)]^+$ and $[Mn_2(CIO_4)_3]^+$ ions probed by infrared spectroscopy. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 758-772.	2.8	37
5	Globule to Helix Transition in Sodiated Polyalanines. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3320-3324.	4.6	33
6	Structural Influences on Preferential Oxazolone versus Diketopiperazine Ion Formation for Histidine Analogue-Containing Peptides. <i>Journal of Physical Chemistry A</i> , 2012, 116, 4296-4304.	2.5	33
7	Colorimetric quantification of amino groups in linear and dendritic structures. <i>Polymer International</i> , 2009, 58, 511-518.	3.1	26
8	Structure of Sodiated Polyglycines. <i>Chemistry - A European Journal</i> , 2012, 18, 4583-4592.	3.3	22
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	Vibrational Signatures of <i>S</i> -Nitrosogluthathione as Gaseous, Protonated Species. <i>Journal of Physical Chemistry B</i> , 2014, 118, 12371-12382.	2.6	20
11	Ultraviolet-visible 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
12	Photodegradation of benzisothiazolinone: Identification and biological activity of degradation products. <i>Chemosphere</i> , 2020, 240, 124862.	8.2	19
13	UV-visible degradation of α -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
14	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
15	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
16	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
17	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
18	Isomerization of fenbuconazole under UV-visible irradiation - chemical and toxicological approaches. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1335-1342.	1.5	8

#	ARTICLE	IF	CITATIONS
19	Fourier transform ion cyclotron resonance mass spectrometry at the true cyclotron frequency. <i>Mass Spectrometry Reviews</i> , 2022, 41, 314-337.	5.4	8
20	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
21	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
22	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
23	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
24	Infrared Spectra of Deprotonated Dicarboxylic Acids: IRMPD Spectroscopy and Empirical Valence Bond Modeling. <i>ChemPhysChem</i> , 2019, 20, 803-814.	2.1	5
25	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
26	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
27	Vibrational spectroscopy of deprotonated peptides containing an acidic side chain. <i>International Journal of Mass Spectrometry</i> , 2019, 435, 42-50.	1.5	2
28	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
29	Spectroscopy and Photodissociation of the Perfluorooctanoate Anion. <i>Chemistry - A European Journal</i> , 2018, 24, 15572-15576.	3.3	1