

Michel HÃ©ninger

List of Publications by Year in descending order

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14
papers

257
citations

1040056

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h-index

1058476

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14
docs citations

14
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasensitive spectroscopy of ionic reactive intermediates in the gas phase performed with the first coupling of an IR FEL with an FTICR-MS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 507, 541-546.	1.6	84
2	Detailed Characterization of 2-Heptanone Conversion by Dielectric Barrier Discharge in N ₂ and N ₂ /O ₂ Mixtures. Journal of Physical Chemistry A, 2010, 114, 397-407.	2.5	28
3	Characterization of a membrane inlet interfaced with a compact chemical ionization FT-ICR for real-time and quantitative VOC analysis in water. International Journal of Mass Spectrometry, 2013, 353, 26-35.	1.5	23
4	Chemical ionization using CF ₃ ⁺ : Efficient detection of small alkanes and fluorocarbons. International Journal of Mass Spectrometry, 2011, 299, 113-119.	1.5	21
5	Real Time Analysis of Volatile Organic Compounds from Polypropylene Thermal Oxidation Using Chemical Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. Analytical Chemistry, 2009, 81, 6013-6020.	6.5	19
6	Compact FTICR Mass Spectrometry for Real Time Monitoring of Volatile Organic Compounds. Sensors, 2018, 18, 1415.	3.8	15
7	Quantitative analysis of a complex mixture using proton transfer reaction in an FTICR mass spectrometer. International Journal of Mass Spectrometry, 2008, 272, 29-37.	1.5	14
8	Gas Analysis by Electron Ionization Combined with Chemical Ionization in a Compact FTICR Mass Spectrometer. Analytical Chemistry, 2018, 90, 7517-7525.	6.5	14
9	Protonated 1,4-difluorobenzene C ₆ H ₅ F ₂ ⁺ : A promising precursor for proton-transfer chemical ionization. International Journal of Mass Spectrometry, 2016, 405, 13-23.	1.5	12
10	Sharing a Pair of Electrodes between Excitation and Detection in a Fourier Transform Ion Cyclotron Resonance Mass Spectrometer. Rapid Communications in Mass Spectrometry, 1996, 10, 591-593.	1.5	8
11	Oxygen anion (O ⁻) and hydroxide anion (HO ⁻) reactivity with a series of old and new refrigerants. Journal of Mass Spectrometry, 2018, 53, 336-352.	1.6	8
12	Evidence of Reactivity in the Membrane for the Unstable Monochloramine during MIMS Analysis. Sensors, 2018, 18, 4252.	3.8	4
13	Direct and Real-Time Analysis in a Plasma Reactor Using a Compact FT-ICR MS: Degradation of Acetone in Nitrogen and Byproduct Formation. Journal of the American Society for Mass Spectrometry, 2020, 31, 1579-1586.	2.8	4
14	Real-time analysis of toluene removal in dry air by a dielectric barrier discharge using proton transfer reaction mass spectrometry. Journal Physics D: Applied Physics, 2018, 51, 425201.	2.8	3