

Yi You

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

336
citations

1162367

8
h-index

996533

15
g-index

18
all docs

18
docs citations

18
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric amines and ammonia measured with a chemical ionization mass spectrometer (CIMS). <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 12181-12194.	1.9	121
2	New Particle Formation and Growth in an Isoprene-Dominated Ozark Forest: From Sub-5Ånm to CCN-Active Sizes. <i>Aerosol Science and Technology</i> , 2014, 48, 1285-1298.	1.5	41
3	Tunable Ionization Modes of a Flowing Atmospheric-Pressure Afterglow (FAPA) Ambient Ionization Source. <i>Analytical Chemistry</i> , 2016, 88, 3494-3503.	3.2	39
4	Assessing the protective effects of different surface coatings on NaYF ₄ :Yb ³⁺ , Er ³⁺ upconverting nanoparticles in buffer and DMEM. <i>Scientific Reports</i> , 2020, 10, 19318.	1.6	27
5	Sub-30nm particles observed at the coastal and continental sites in the United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 860-879.	1.2	26
6	Inexpensive Ultrasonic Nebulization Coupled with Direct Current Corona Discharge Ionization Mass Spectrometry for Liquid Samples and Its Fundamental Investigations. <i>Analytical Chemistry</i> , 2020, 92, 11072-11079.	3.2	18
7	Formation of Pyrylium from Aromatic Systems with a Helium:Oxygen Flowing Atmospheric Pressure Afterglow (FAPA) Plasma Source. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1013-1020.	1.2	13
8	Surface Acoustic Wave Nebulization with Atmospheric-Pressure Chemical Ionization for Enhanced Ion Signal. <i>Analytical Chemistry</i> , 2019, 91, 912-918.	3.2	13
9	Laser-Induced Microplasma as an Ambient Ionization Approach for the Mass-Spectrometric Analysis of Liquid Samples. <i>Analytical Chemistry</i> , 2019, 91, 5922-5928.	3.2	9
10	Quantitative Analysis of Pharmaceutical Drugs Using a Combination of Acoustic Levitation and High Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 6019-6024.	3.2	9
11	Automatic Analyte-Ion Recognition and Background Removal for Ambient Mass-Spectrometric Data Based on Cross-Correlation. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1720-1732.	1.2	6
12	Spatial, temporal, and spectral characterization and kinetic investigations of a high repetition-rate laser-induced micro-plasma in air. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1618-1629.	1.6	5
13	High-throughput underwater elemental analysis by ¹⁹⁴ J-laser-induced breakdown spectroscopy at a kHz repetition rate: part II, understanding the high repetition-rate from a fundamental perspective. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2912-2919.	1.6	3
14	Stimulated Raman scattering by intracavity mixing of nanosecond laser excitation and fluorescence in acoustically levitated droplets. <i>Analytical Methods</i> , 2020, 12, 5046-5054.	1.3	2
15	Unsupervised Reconstruction of Analyte-Specific Mass Spectra Based on Time-Domain Morphology with a Modified Cross-Correlation Approach. <i>Analytical Chemistry</i> , 2021, 93, 5009-5014.	3.2	2
16	Sub-3 nm particle observations in the atmosphere of two sites in Eastern United States. , 2013, , .		1
17	High-throughput underwater elemental analysis by ¹⁹⁴ J-laser-induced breakdown spectroscopy at kHz repetition rates: part I, ultrasound-enhanced optical emission spectroscopy towards application perspectives. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2901-2911.	1.6	1
18	Approaching phase-imaging through defocusing shadowgraphy for acoustic resonator diagnosis and the capability of direct index-of-refraction measurements. <i>Review of Scientific Instruments</i> , 2021, 92, 103703.	0.6	0