Yi You

List of Publications by Year
in descending order

18	336	1162367 8	996533 15
papers	citations	h-index	g-index

18	18	18	683
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unsupervised Reconstruction of Analyte-Specific Mass Spectra Based on Time-Domain Morphology with a Modified Cross-Correlation Approach. Analytical Chemistry, 2021, 93, 5009-5014.	3.2	2
2	Quantitative Analysis of Pharmaceutical Drugs Using a Combination of Acoustic Levitation and High Resolution Mass Spectrometry. Analytical Chemistry, 2021, 93, 6019-6024.	3.2	9
3	Approaching phase-imaging through defocusing shadowgraphy for acoustic resonator diagnosis and the capability of direct index-of-refraction measurements. Review of Scientific Instruments, 2021, 92, 103703.	0.6	0
4	Stimulated Raman scattering by intracavity mixing of nanosecond laser excitation and fluorescence in acoustically levitated droplets. Analytical Methods, 2020, 12, 5046-5054.	1.3	2
5	Inexpensive Ultrasonic Nebulization Coupled with Direct Current Corona Discharge Ionization Mass Spectrometry for Liquid Samples and Its Fundamental Investigations. Analytical Chemistry, 2020, 92, 11072-11079.	3.2	18
6	Assessing the protective effects of different surface coatings on NaYF4:Yb3+, Er3+ upconverting nanoparticles in buffer and DMEM. Scientific Reports, 2020, 10, 19318.	1.6	27
7	High-throughput underwater elemental analysis by Î¼J-laser-induced breakdown spectroscopy at a kHz repetition rate: part II, understanding the high repetition-rate from a fundamental perspective. Journal of Analytical Atomic Spectrometry, 2020, 35, 2912-2919.	1.6	3
8	High-throughput underwater elemental analysis by Î¼J-laser-induced breakdown spectroscopy at kHz repetition rates: part I, ultrasound-enhanced optical emission spectroscopy towards application perspectives. Journal of Analytical Atomic Spectrometry, 2020, 35, 2901-2911.	1.6	1
9	Spatial, temporal, and spectral characterization and kinetic investigations of a high repetition-rate laser-induced micro-plasma in air. Journal of Analytical Atomic Spectrometry, 2019, 34, 1618-1629.	1.6	5
10	Automatic Analyte-Ion Recognition and Background Removal for Ambient Mass-Spectrometric Data Based on Cross-Correlation. Journal of the American Society for Mass Spectrometry, 2019, 30, 1720-1732.	1.2	6
11	Laser-Induced Microplasma as an Ambient Ionization Approach for the Mass-Spectrometric Analysis of Liquid Samples. Analytical Chemistry, 2019, 91, 5922-5928.	3.2	9
12	Surface Acoustic Wave Nebulization with Atmospheric-Pressure Chemical Ionization for Enhanced Ion Signal. Analytical Chemistry, 2019, 91, 912-918.	3.2	13
13	Formation of Pyrylium from Aromatic Systems with a Helium:Oxygen Flowing Atmospheric Pressure Afterglow (FAPA) Plasma Source. Journal of the American Society for Mass Spectrometry, 2017, 28, 1013-1020.	1.2	13
14	Tunable Ionization Modes of a Flowing Atmospheric-Pressure Afterglow (FAPA) Ambient Ionization Source. Analytical Chemistry, 2016, 88, 3494-3503.	3.2	39
15	New Particle Formation and Growth in an Isoprene-Dominated Ozark Forest: From Sub-5Ânm to CCN-Active Sizes. Aerosol Science and Technology, 2014, 48, 1285-1298.	1.5	41
16	Subâ€ƀâ€‰nm particles observed at the coastal and continental sites in the United States. Journal of Geophysical Research D: Atmospheres, 2014, 119, 860-879.	1.2	26
17	Atmospheric amines and ammonia measured with a chemical ionization mass spectrometer (CIMS). Atmospheric Chemistry and Physics, 2014, 14, 12181-12194.	1.9	121
18	Sub-3 nm particle observations in the atmosphere of two sites in Eastern United States. , 2013, , .		1