

Ri Wu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

338
citations

933447

10
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

428
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid Ionization Source Combining Nanoelectrospray and Dielectric Barrier Discharge Ionization for the Simultaneous Detection of Polar and Nonpolar Compounds in Single Cells. <i>Analytical Chemistry</i> , 2022, 94, 2873-2881.	6.5	15
2	Dissociation of Mannose-Rich Glycans Using Collision-Based and Electron-Based Ion Activation Methods. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 803-812.	2.8	7
3	A Matrix Sublimation Device with an Integrated Solvent Nebulizer for MALDI-MSI. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 11-16.	2.8	5
4	Development of a Matrix Sublimation Device with Controllable Crystallization Temperature for MALDI Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2021, 93, 6342-6347.	6.5	17
5	Transition Metal Ion FRET in the Gas Phase: A 10 ⁴ –40 Å... Range Molecular Ruler for Mass-Selected Biomolecular Ions. <i>Journal of the American Chemical Society</i> , 2021, 143, 11291-11295.	13.7	13
6	Adapting a Fourier Transform Ion Cyclotron Resonance Mass Spectrometer for Gas-Phase Fluorescence Spectroscopy Measurement of Trapped Biomolecular Ions. <i>Analytical Chemistry</i> , 2021, 93, 15626-15632.	6.5	3
7	Magnetic solid-phase extraction of sulfonamide antibiotics in water and animal-derived food samples using core-shell magnetite and molybdenum disulfide nanocomposite adsorbent. <i>Journal of Chromatography A</i> , 2020, 1610, 460543.	3.7	58
8	Development of an All-in-One Protein Digestion Platform Using Sorbent-Attached Membrane Funnel-Based Spray Ionization Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 2218-2225.	2.8	0
9	Fine adjustment of gas modifier loadings for separation of epimeric glycopeptides using differential ion mobility spectrometry mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8751.	1.5	8
10	Rapid Differentiation of Asian and American Ginseng by Differential Ion Mobility Spectrometry-Tandem Mass Spectrometry Using Stepwise Modulation of Gas Modifier Concentration. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2212-2221.	2.8	8
11	Water-dispersible pH/thermo dual-responsive microporous polymeric microspheres as adsorbent for dispersive solid-phase extraction of fluoroquinolones from environmental water samples and food samples. <i>Journal of Chromatography A</i> , 2019, 1601, 27-34.	3.7	25
12	Determination of fluoroquinolones in food samples by magnetic solid-phase extraction based on a magnetic molecular sieve nanocomposite prior to high-performance liquid chromatography and tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2817-2826.	3.7	29
13	Electron-ion reaction-based dissociation: A powerful ion activation method for the elucidation of natural product structures. <i>Mass Spectrometry Reviews</i> , 2018, 37, 793-810.	5.4	17
14	Tissue imaging with in situ solid-phase extraction micro-funnel based spray ionization mass spectrometry. <i>European Journal of Mass Spectrometry</i> , 2018, 24, 66-73.	1.0	4
15	Performance Enhancements in Differential Ion Mobility Spectrometry-Mass Spectrometry (DMS-MS) by Using a Modified CaptiveSpray Source. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 2199-2207.	2.8	4
16	Magnetic porous carbon derived from a bimetallic metal-organic framework for magnetic solid-phase extraction of organochlorine pesticides from drinking and environmental water samples. <i>Journal of Chromatography A</i> , 2017, 1479, 55-61.	3.7	89
17	Structural Characterization of Intact Glycoconjugates by Tandem Mass Spectrometry Using Electron-Induced Dissociation. <i>Analytical Chemistry</i> , 2017, 89, 10111-10117.	6.5	18
18	Generation and Characterization of Gas-Phase Doubly Charged Biradical Peptide Ions (M ²⁺). <i>Analytical Chemistry</i> , 2017, 89, 7773-7780.	6.5	2

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19	Differentiation of Isomeric Ginsenosides by Using Electron-Induced Dissociation Mass Spectrometry. Analytical Chemistry, 2016, 88, 5590-5594.	6.5	12