Johann Far

List of Publications by Year
in descending order

26	692	759233 12	580821 25
papers	citations	h-index	g-index

26	26	26	904
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recommendations for reporting ion mobility Mass Spectrometry measurements. Mass Spectrometry Reviews, 2019, 38, 291-320.	5.4	315
2	Comprehensive Ion Mobility Calibration: Poly(ethylene oxide) Polymer Calibrants and General Strategies. Analytical Chemistry, 2017, 89, 12076-12086.	6.5	38
3	Interlaboratory study to evaluate the robustness of capillary electrophoresisâ€mass spectrometry for peptide mapping. Journal of Separation Science, 2015, 38, 3262-3270.	2.5	36
4	Towards the use of ion mobility mass spectrometry derived collision cross section as a screening approach for unambiguous identification of targeted pesticides in food. Rapid Communications in Mass Spectrometry, 2019, 33, 34-48.	1.5	33
5	Accurate Drift Time Determination by Traveling Wave Ion Mobility Spectrometry: The Concept of the Diffusion Calibration. Analytical Chemistry, 2016, 88, 11639-11646.	6.5	30
6	Evaluation of a new low sheath-flow interface for CE-MS. Electrophoresis, 2016, 37, 936-946.	2.4	29
7	Predicting Ion Mobility-Mass Spectrometry trends of polymers using the concept of apparent densities. Methods, 2018, 144, 125-133.	3.8	23
8	Comparison of Different Ion Mobility Setups Using Poly (Ethylene Oxide) PEO Polymers: Drift Tube, TIMS, and T-Wave. Journal of the American Society for Mass Spectrometry, 2018, 29, 114-120.	2.8	23
9	Multiple Gas-Phase Conformations of a Synthetic Linear Poly(acrylamide) Polymer Observed Using Ion Mobility-Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2017, 28, 2492-2499.	2.8	22
10	Imaging lipids in biological samples with surface-assisted laser desorption/ionization mass spectrometry: A concise review of the last decade. Progress in Lipid Research, 2021, 83, 101114.	11.6	19
11	Structural analysis of rutheniumâ€“arene complexes using ion mobility mass spectrometry, collision-induced dissociation, and DFT. Dalton Transactions, 2016, 45, 6361-6370.	3.3	16
12	Dual-polarity SALDI FT-ICR MS imaging and Kendrick mass defect data filtering for lipid analysis. Analytical and Bioanalytical Chemistry, 2021, 413, 2821-2830.	3.7	15
13	A Mechanistic Study of Protonated Aniline to Protonated Phenol Substitution Considering Tautomerization by Ion Mobility Mass Spectrometry and Tandem Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2019, 30, 2238-2249.	2.8	13
14	The Use of Ion Mobility Mass Spectrometry for Isomer Composition Determination Extracted from Se-Rich Yeast. Analytical Chemistry, 2014, 86, 11246-11254.	6.5	12
15	Combination of Capillary Zone Electrophoresis-Mass Spectrometry, Ion Mobility-Mass Spectrometry, and Theoretical Calculations for Cysteine Connectivity Identification in Peptides Bearing Two Intramolecular Disulfide Bonds. Analytical Chemistry, 2020, 92, 2425-2434.	6.5	10
16	FT-ICR Mass Spectrometry Imaging at Extreme Mass Resolving Power Using a Dynamically Harmonized ICR Cell with 1ï‰ or 2ï‰ Detection. Analytical Chemistry, 2022, 94, 9316-9326.	6.5	10
17	Effectiveness and Limitations of Computational Chemistry and Mass Spectrometry in the Rational Design of Targetâ€specific Shift Reagents for Ion Mobility Spectrometry. ChemPhysChem, 2018, 19, 2921-2930.	2.1	9
18	Bacillus licheniformis peptidoglycan characterization by CZEâ€“MS: Assessment with the benchmark RPâ€HPLCâ€MS method. Electrophoresis, 2019, 40, 2672-2682.	2.4	7

#	Article	IF	Citations
19	Fundamental Studies on Poly(2-oxazoline) Side Chain Isomers Using Tandem Mass Spectrometry and Ion Mobility-Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2019, 30, 1220-1228.	2.8	7
20	Mass shift in mass spectrometry imaging: comprehensive analysis and practical corrective workflow. Analytical and Bioanalytical Chemistry, 2021, 413, 2831-2844.	3.7	7
21	Can IM-MS Collision Cross Sections of Biomolecules Be Rationalized Using Collision Cross-Section Trends of Polydisperse Synthetic Homopolymers?. Journal of the American Society for Mass Spectrometry, 2020, 31, 990-995.	2.8	6
22	Sodium Coordination and Protonation of Poly(ethoxy phosphate) Chains in the Gas Phase Probed by Ion Mobility-Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2020, 31, 633-641.	2.8	4
23	Using Ion Mobilityâ€“Mass Spectrometry to Extract Physicochemical Enthalpic and Entropic Contributions from Synthetic Polymers. Journal of the American Society for Mass Spectrometry, 2021, 32, 330-339.	2.8	3
24	Geometric Analysis of Shapes in Ion Mobilityâ€“Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2022, 33, 273-283.	2.8	3
25	Cyclic Peptide Protomer Detection in the Gas Phase: Impact on CCS Measurement and Fragmentation Patterns. Journal of the American Society for Mass Spectrometry, 2022, 33, 851-858.	2.8	2
26	Label-Free Higher Order Structure and Dynamic Investigation Method of Proteins in Solution Using an Enzymatic Reactor Coupled to Electrospray High-Resolution Mass Spectrometry Detection. Journal of the American Society for Mass Spectrometry, 2022, 33, 284-295.	2.8	0