

# Yulin Qi

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,304  
citations

279798

23  
h-index

377865

34  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1267  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of natural organic matter via fourier transform ion cyclotron resonance mass spectrometry: an overview of recent non-petroleum applications. <i>Mass Spectrometry Reviews</i> , 2022, 41, 647-661.	5.4	36
2	Source and formation process impact the chemodiversity of rainwater dissolved organic matter along the Yangtze River Basin in summer. <i>Water Research</i> , 2022, 211, 118024.	11.3	37
3	Fluorescence and molecular signatures of dissolved organic matter to monitor and assess its multiple sources from a polluted river in the farming-pastoral ecotone of northern China. <i>Science of the Total Environment</i> , 2022, 837, 154575.	8.0	17
4	Deciphering dissolved organic matter by Fourier transform ion cyclotron resonance mass spectrometry (FT-ICR MS): from bulk to fractions and individuals. , 2022, 1, .		49
5	Quadrupole detection FT-ICR mass spectrometry offers deep profiling of residue oil: A systematic comparison of 7 Tesla versus 15 Tesla instruments. <i>Analytical Science Advances</i> , 2021, 2, 272-278.	2.8	4
6	High Molecular Diversity of Organic Nitrogen in Urban Snow in North China. <i>Environmental Science &amp; Technology</i> , 2021, 55, 4344-4356.	10.0	32
7	Characterization of Lignin Compounds at the Molecular Level: Mass Spectrometry Analysis and Raw Data Processing. <i>Molecules</i> , 2021, 26, 178.	3.8	16
8	Seasonal variation of nitrogen biogeochemical processes constrained by nitrate dual isotopes in cascade reservoirs, Southwestern China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 26617-26627.	5.3	14
9	Photochemical Degradation of Organic Matter in the Atmosphere. <i>Advanced Sustainable Systems</i> , 2021, 5, 2100027.	5.3	18
10	Online Liquid Chromatography and FT-ICR MS Enable Advanced Separation and Profiling of Organosulfates in Dissolved Organic Matter. <i>ACS ES&amp;T Water</i> , 2021, 1, 1975-1982.	4.6	15
11	Assessment of molecular diversity of lignin products by various ionization techniques and high-resolution mass spectrometry. <i>Science of the Total Environment</i> , 2020, 713, 136573.	8.0	42
12	Rapid mass spectral fingerprinting of complex mixtures of decomposed lignin: Data-processing methods for high-resolution full-scan mass spectra. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 2-10.	1.5	14
13	Chemical diversity of lignin degradation products revealed by matrix-optimized MALDI mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6031-6037.	3.7	26
14	Rapid Quantification of 25-Hydroxyvitamin D <sub>3</sub> in Human Serum by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1456-1462.	2.8	17
15	Determination of Urinary Metabolites of the Emerging UV Filter Octocrylene by Online-SPE-LC-MS/MS. <i>Analytical Chemistry</i> , 2018, 90, 944-951.	6.5	36
16	Electron-based fragmentation methods in mass spectrometry: An overview. <i>Mass Spectrometry Reviews</i> , 2017, 36, 4-15.	5.4	44
17	Structural characterization of pyoverdines produced by <i>Pseudomonas putida</i> KT2440 and <i>Pseudomonas taiwanensis</i> VLB120. <i>BioMetals</i> , 2017, 30, 589-597.	4.1	14
18	Activation of Reactive MALDI Adduct Ions Enables Differentiation of Dihydroxylated Vitamin D Isomers. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2532-2537.	2.8	8

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19	Application of phase correction to improve the characterization of photooxidation products of lignin using 7ÅTesla Fourier-transform ion cyclotron resonance mass spectrometry. <i>Facets</i> , 2017, 2, 461-475.	2.4	12
20	Characterization of the iron-binding properties of pyoverdine using electron-capture dissociation-tandem mass spectrometry. <i>BioMetals</i> , 2016, 29, 53-60.	4.1	1
21	Two-dimensional mass defect matrix plots for mapping genealogical links in mixtures of lignin depolymerisation products. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4835-4843.	3.7	55
22	Shedding light on the structures of lignin compounds: photo-oxidation under artificial UV light and characterization by high resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8203-8210.	3.7	33
23	Structural analysis of small to medium-sized molecules by mass spectrometry after electron-ion fragmentation (ExD) reactions. <i>Analyst, The</i> , 2016, 141, 794-806.	3.5	23
24	Seven new microcystin variants discovered from a native <i>Microcystis aeruginosa</i> strain – unambiguous assignment of product ions by tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 220-224.	1.5	40
25	Letter: Î²-Cyclodextrin Affects the Formation of Isomerization Products during Peptide Deamidation. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 701-705.	1.0	5
26	Fragmentation patterns of boron–dipyrrromethene (BODIPY) dyes by electrospray ionization high–resolution tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 885-890.	1.5	4
27	Producing absorption mode Fourier transform ion cyclotron resonance mass spectra with non–quadratic phase correction functions. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1087-1093.	1.5	19
28	Electron-capture dissociation for investigating host/guest complexes of 18-crown-6-ether and peptides. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 2316-2318.	1.5	5
29	Differential distribution of probenecid as detected by on-tissue mass spectrometry. <i>Cell and Tissue Research</i> , 2015, 360, 427-429.	2.9	5
30	Determining the Binding Sites of Î²-Cyclodextrin and Peptides by Electron-Capture Dissociation High Resolution Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 1143-1149.	2.8	15
31	Aggression behaviour induced by oral administration of the Janus-kinase inhibitor tofacitinib, but not oclacitinib, under stressful conditions. <i>European Journal of Pharmacology</i> , 2015, 764, 278-282.	3.5	25
32	On the isobaric space of 25–hydroxyvitamin D in human serum: potential for interferences in liquid chromatography/tandem mass spectrometry, systematic errors and accuracy issues. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1-9.	1.5	43
33	Decay Mechanisms of Protonated 4-Quinolone Antibiotics After Electrospray Ionization and Ion Activation. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1974-1986.	2.8	23
34	Application of Phase Correction to Improve the Interpretation of Crude Oil Spectra Obtained Using 7ÅT Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 154-157.	2.8	25
35	Data processing in Fourier transform ion cyclotron resonance mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2014, 33, 333-352.	5.4	78
36	Detailed Study of Cyanobacterial Microcystins Using High Performance Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1253-1262.	2.8	16

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37	Absorption-Mode Fourier Transform Mass Spectrometry: The Effects of Apodization and Phasing on Modified Protein Spectra. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 828-834.	2.8	27
38	Autophaser: An Algorithm for Automated Generation of Absorption Mode Spectra for FT-ICR MS. <i>Analytical Chemistry</i> , 2013, 85, 3903-3911.	6.5	72
39	Mapping the protein-binding sites for novel iridium(III) anticancer complexes using electron capture dissociation. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2028-2032.	1.5	25
40	Pharmacokinetics and Bioequivalence of 2 Tablet Formulations of Olanzapine in Healthy Chinese Volunteers: a Randomized, Open-Label, Single-Dose Study. <i>Arzneimittelforschung</i> , 2012, 62, 508-512.	0.4	5
41	Absorption-Mode: The Next Generation of Fourier Transform Mass Spectra. <i>Analytical Chemistry</i> , 2012, 84, 2923-2929.	6.5	71
42	Absorption-mode spectra on the dynamically harmonized Fourier transform ion cyclotron resonance cell. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 2021-2026.	1.5	36
43	Variation of the Fourier Transform Mass Spectra Phase Function with Experimental Parameters. <i>Analytical Chemistry</i> , 2011, 83, 8477-8483.	6.5	33
44	Use of Top-Down and Bottom-Up Fourier Transform Ion Cyclotron Resonance Mass Spectrometry for Mapping Calmodulin Sites Modified by Platinum Anticancer Drugs. <i>Analytical Chemistry</i> , 2011, 83, 9507-9515.	6.5	47
45	Mass Spectrometry Evidence for Cisplatin As a Protein Cross-Linking Reagent. <i>Analytical Chemistry</i> , 2011, 83, 5369-5376.	6.5	53
46	Phase Correction of Fourier Transform Ion Cyclotron Resonance Mass Spectra Using MatLab. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 138-147.	2.8	55
47	Pharmacokinetics and bioequivalence evaluation of two losartan potassium 50-mg tablets: A single-dose, randomized-sequence, open-label, two-way crossover study in healthy Chinese male volunteers. <i>Clinical Therapeutics</i> , 2010, 32, 1387-1395.	2.5	14
48	CHAPTER 12. Mass Spectrometric Analysis of Cyclic Peptides. <i>Chemical Biology</i> , 0, , 255-279.	0.2	0