

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92 papers	2,579 citations	29 h-index	48 g-index
92 ext. papers	2,949 ext. citations	6 avg, IF	5.37 L-index

#	Paper	IF	Citations
92	Detection of melamine in milk products by surface desorption atmospheric pressure chemical ionization mass spectrometry. <i>Analytical Chemistry</i> , 2009 , 81, 2426-36	7.8	246
91	Electrospray ionization using wooden tips. <i>Analytical Chemistry</i> , 2011 , 83, 8201-7	7.8	166
90	Tiotropium in Early-Stage Chronic Obstructive Pulmonary Disease. <i>New England Journal of Medicine</i> , 2017 , 377, 923-935	59.2	122
89	Chromium(III)-imprinted silica gel for speciation analysis of chromium in environmental water samples with ICP-MS detection. <i>Talanta</i> , 2008 , 75, 536-43	6.2	122
88	A highly selective ferrocene-based planar chiral PIP (Fc-PIP) acyl transfer catalyst for the kinetic resolution of alcohols. <i>Journal of the American Chemical Society</i> , 2010 , 132, 17041-4	16.4	92
87	On the mechanism of extractive electrospray ionization. <i>Analytical Chemistry</i> , 2010 , 82, 4494-500	7.8	81
86	Neutral desorption using a sealed enclosure to sample explosives on human skin for rapid detection by EESI-MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2009 , 20, 719-22	3.5	80
85	Recent developments in stir bar sorptive extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 2001-26	4.4	77
84	Sensitive detection of native proteins using extractive electrospray ionization mass spectrometry. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3053-6	16.4	74
83	Direct ionization of biological tissue for mass spectrometric analysis. <i>Analyst, The</i> , 2012 , 137, 3613-9	5	70
82	Analytical properties of solid-substrate electrospray ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2013 , 24, 57-65	3.5	61
81	Rapid detection and quantitation of ketamine and norketamine in urine and oral fluid by wooden-tip electrospray ionization mass spectrometry. <i>Analyst, The</i> , 2013 , 138, 2239-43	5	58
80	Principle and Application of Ambient Mass Spectrometry for Direct Analysis of Complex Samples. <i>Chinese Journal of Analytical Chemistry</i> , 2010 , 38, 1069-1088	1.6	58
79	Rapid characterization of complex viscous samples at molecular levels by neutral desorption extractive electrospray ionization mass spectrometry. <i>Nature Protocols</i> , 2011 , 6, 1010-25	18.8	57
78	Extractive electrospray ionization mass spectrometry for sensitive detection of uranyl species in natural water samples. <i>Analytical Chemistry</i> , 2010 , 82, 282-9	7.8	56
77	Electrospray ionization with aluminum foil: A versatile mass spectrometric technique. <i>Analytica Chimica Acta</i> , 2014 , 817, 1-8	6.6	48
76	Surface-Modified Wooden-Tip Electrospray Ionization Mass Spectrometry for Enhanced Detection of Analytes in Complex Samples. <i>Analytical Chemistry</i> , 2018 , 90, 1759-1766	7.8	47

75	Extractive electrospray ionization mass spectrometry toward in situ analysis without sample pretreatment. <i>Analytical Chemistry</i> , 2009 , 81, 7724-31	7.8	45
74	Rapid identification of plant materials by wooden-tip electrospray ionization mass spectrometry and a strategy to differentiate the bulbs of <i>Fritillaria</i> . <i>Analytica Chimica Acta</i> , 2014 , 820, 84-91	6.6	40
73	Imaging Melamine in Egg Samples by Surface Desorption Atmospheric Pressure Chemical Ionization Mass Spectrometry. <i>Chinese Journal of Analytical Chemistry</i> , 2009 , 37, 315-318	1.6	39
72	In vivo and real-time monitoring of secondary metabolites of living organisms by mass spectrometry. <i>Scientific Reports</i> , 2013 , 3, 2104	4.9	38
71	Preparation and characterization of magnetic nanoparticles for the on-line determination of gold, palladium, and platinum in mine samples based on flow injection micro-column preconcentration coupled with graphite furnace atomic absorption spectrometry. <i>Talanta</i> , 2014 , 118, 231-7	6.2	36
70	Tracing origins of complex pharmaceutical preparations using surface desorption atmospheric pressure chemical ionization mass spectrometry. <i>Analytical Chemistry</i> , 2010 , 82, 8060-70	7.8	34
69	SNX10 mediates alcohol-induced liver injury and steatosis by regulating the activation of chaperone-mediated autophagy. <i>Journal of Hepatology</i> , 2018 , 69, 129-141	13.4	33
68	Thin layer chromatography coupled with electrospray ionization mass spectrometry for direct analysis of raw samples. <i>Journal of Chromatography A</i> , 2015 , 1415, 155-60	4.5	32
67	Solid-Phase Microextraction Fiber in Face Mask for Sampling and Direct Mass Spectrometry Analysis of Exhaled Breath Aerosol. <i>Analytical Chemistry</i> , 2020 , 92, 11543-11547	7.8	32
66	Rapid analysis of aerosol drugs using nano extractive electrospray ionization tandem mass spectrometry. <i>Analyst, The</i> , 2010 , 135, 1259-67	5	31
65	Mass spectrometry: towards in vivo analysis of biological systems. <i>Molecular BioSystems</i> , 2013 , 9, 915-29		30
64	Geometry-independent neutral desorption device for the sensitive EESI-MS detection of explosives on various surfaces. <i>Analyst, The</i> , 2010 , 135, 779-88	5	30
63	Fast quantitative detection of cocaine in beverages using nanoextractive electrospray ionization tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2010 , 21, 290-3	3.5	27
62	Direct coupling of solid phase microextraction with electrospray ionization mass spectrometry: A Case study for detection of ketamine in urine. <i>Analytica Chimica Acta</i> , 2019 , 1075, 112-119	6.6	26
61	Sorting nexin 10 acting as a novel regulator of macrophage polarization mediates inflammatory response in experimental mouse colitis. <i>Scientific Reports</i> , 2016 , 6, 20630	4.9	26
60	Detection of native proteins using solid-substrate electrospray ionization mass spectrometry with nonpolar solvents. <i>Analytica Chimica Acta</i> , 2018 , 1004, 51-57	6.6	26
59	Sorting nexin 10 acts as a tumor suppressor in tumorigenesis and progression of colorectal cancer through regulating chaperone mediated autophagy degradation of p21. <i>Cancer Letters</i> , 2018 , 419, 116-127	9.9	23
58	Schirmer Paper Noninvasive Microsampling for Direct Mass Spectrometry Analysis of Human Tears. <i>Analytical Chemistry</i> , 2020 , 92, 6207-6212	7.8	22

57	Simple Fabrication of Solid-Phase Microextraction with Surface-Coated Aluminum Foil for Enhanced Detection of Analytes in Biological and Clinical Samples by Mass Spectrometry. <i>Analytical Chemistry</i> , 2019 , 91, 9430-9434	7.8	22
56	Mobility of Proteins in Porous Substrates under Electrospray Ionization Conditions. <i>Analytical Chemistry</i> , 2016 , 88, 5585-9	7.8	22
55	Rapid detection and quantitation of drugs-of-abuse by wooden-tip electrospray ionization mass spectrometry. <i>Journal of Food and Drug Analysis</i> , 2019 , 27, 428-438	7	20
54	Differentiation of human kidney stones induced by melamine and uric acid using surface desorption atmospheric pressure chemical ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2011 , 46, 313-9	2.2	18
53	Rapid detection of adulterated drugs in herbal dietary supplements by wooden-tip electrospray ionization mass spectrometry. <i>Analytical Methods</i> , 2016 , 8, 6840-6846	3.2	18
52	Determination of uranium isotopic ratio (²³⁵ U/ ²³⁸ U) using extractive electrospray ionization tandem mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2011 , 26, 2045	3.7	17
51	Cystathionine γ -lyase deficiency aggravates obesity-related insulin resistance via FoxO1-dependent hepatic gluconeogenesis. <i>FASEB Journal</i> , 2019 , 33, 4212-4224	0.9	17
50	Detection and Seasonal Variations of Huanglongbing Disease in Navel Orange Trees Using Direct Ionization Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 2265-2271	5.7	16
49	In vivo solid-phase microextraction swab sampling of environmental pollutants and drugs in human body for nano-electrospray ionization mass spectrometry analysis. <i>Analytica Chimica Acta</i> , 2020 , 1124, 71-77	6.6	16
48	Rapid authentication of Gastrodiae rhizoma by direct ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2016 , 938, 90-7	6.6	15
47	Electrospray Ionization on Solid Substrates. <i>Mass Spectrometry</i> , 2014 , 3, S0028	1.7	15
46	SNX10 (sorting nexin 10) inhibits colorectal cancer initiation and progression by controlling autophagic degradation of SRC. <i>Autophagy</i> , 2020 , 16, 735-749	10.2	15
45	Mass Spectrometry-Based Human Breath Analysis: Towards COVID-19 Diagnosis and Research. <i>Journal of Analysis and Testing</i> , 2021 , 1-11	3.2	15
44	Nanotechnology-Mediated Drug Delivery for the Treatment of Obesity and Its Related Comorbidities. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1801184	10.1	14
43	A rare bond between a soft metal (FeI) and a relatively hard base (RO π R = phenolic moiety). <i>Inorganic Chemistry Communication</i> , 2010 , 13, 1089-1092	3.1	14
42	Coupling corona discharge for ambient extractive ionization mass spectrometry. <i>Analyst, The</i> , 2011 , 136, 4977-85	5	13
41	Analyte-substrate interactions at functionalized tip electrospray ionization mass spectrometry: Molecular mechanisms and applications. <i>Journal of Mass Spectrometry</i> , 2018 , 53, 1222-1229	2.2	13
40	Fast screening of authentic ginseng products by surface desorption atmospheric pressure chemical ionization mass spectrometry. <i>Planta Medica</i> , 2013 , 79, 169-74	3.1	12

39	Direct detection of native proteins in biological matrices using extractive electrospray ionization mass spectrometry. <i>Analyst, The</i> , 2011 , 136, 3599-601	5	12
38	Analytical properties of electrospray ionization mass spectrometry with solid substrates and nonpolar solvents. <i>Analytica Chimica Acta</i> , 2019 , 1050, 105-112	6.6	12
37	Fc-PIP Catalyzed Asymmetric Synthesis of cis-2,3-Dihydrobenzofurans. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 694-698	4.9	11
36	Hydrogen Sulfide Up-Regulates the Expression of ATP-Binding Cassette Transporter A1 via Promoting Nuclear Translocation of PPAR α <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	11
35	In situ solid phase microextraction sampling of analytes from living human objects for mass spectrometry analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 143, 116368	14.6	11
34	Comprehensive comparison of ambient mass spectrometry with desorption electrospray ionization and direct analysis in real time for direct sample analysis. <i>Talanta</i> , 2019 , 203, 140-146	6.2	10
33	Neutral desorption extractive electrospray ionization mass spectrometry for fast screening sunscreen agents in cream cosmetic products. <i>Talanta</i> , 2011 , 85, 1665-71	6.2	10
32	Sensitive Detection of Native Proteins Using Extractive Electrospray Ionization Mass Spectrometry. <i>Angewandte Chemie</i> , 2010 , 122, 3117-3120	3.6	10
31	Global detection and semi-quantification of Fritillaria alkaloids in Fritillariae Ussuriensis Bulbus by a non-targeted multiple reaction monitoring approach. <i>Journal of Separation Science</i> , 2016 , 39, 287-95	3.4	10
30	A direct ionization mass spectrometry-based approach for differentiation of medicinal Ephedra species. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 117, 492-8	3.5	9
29	Electrostatic field-induced tip-electrospray ionization mass spectrometry for direct analysis of raw food materials. <i>Journal of Mass Spectrometry</i> , 2019 , 54, 73-80	2.2	9
28	In vivo solid-phase microextraction swab-mass spectrometry for multidimensional analysis of human saliva. <i>Analytica Chimica Acta</i> , 2021 , 1164, 338510	6.6	8
27	Rapid detection of pesticides in honey by solid-phase micro-extraction coupled with electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2020 , 55, e4380	2.2	8
26	Investigating distributions and changes of alkaloids in living Catharanthus roseus under low-phosphorus stress using wooden-tip electrospray ionisation mass spectrometry. <i>Phytochemical Analysis</i> , 2020 , 31, 739-746	3.4	7
25	TOF-SIMS analysis of kidney stones possibly induced by the ingestion of melamine- containing milk products. <i>Surface and Interface Analysis</i> , 2011 , 43, 313-316	1.5	6
24	Rapid differentiation of Ganoderma species by direct ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2018 , 999, 99-106	6.6	6
23	Fast-switching high-voltage porous-tip electrospray ionization mass spectrometry for rapid detection of antirheumatic drugs in adulterated herbal dietary supplements. <i>Rapid Communications in Mass Spectrometry</i> , 2019 , 33, 1877-1883	2.2	5
22	Development of tip-desorption electrospray ionization coupled with ion mobility-mass spectrometry for fast screening of carbapenemase-producing bacteria. <i>Talanta</i> , 2019 , 201, 237-244	6.2	5

21	Paper-in-Facemask Device for Direct Mass Spectrometry Analysis of Human Respiratory Aerosols and Environmental Exposures via Wearable Continuous-Flow Adsorptive Sampling: A Proof-of-Concept Study. <i>Analytical Chemistry</i> , 2021 , 93, 13743-13748	7.8	5
20	High-throughput polymer tip-electrospray ionization mass spectrometry for enhanced detection of neopterin and biopterin in clinical urine samples. <i>Journal of Mass Spectrometry</i> , 2019 , 54, 189-194	2.2	5
19	Vibrating tip spray ionization mass spectrometry for direct sample analysis. <i>Journal of Mass Spectrometry</i> , 2019 , 54, 772-779	2.2	4
18	Direct Detection of Lysozyme in Viscous Raw Hen Egg White Binding to Sodium Dodecyl Sulfonate by Reactive Wooden-tip Electrospray Ionization Mass Spectrometry. <i>Analytical Sciences</i> , 2020 , 36, 341-346	1.7	4
17	Facile Synthesis of Tetrahydroimidazolpyridinones via an MCR Involving 6-Cl-PMNI, Aldehydes, and Meldrum's Acid. <i>Synthetic Communications</i> , 2011 , 41, 1112-1118	1.7	3
16	Electrospray ionization mass spectrometry with wooden tips: A review.. <i>Analytica Chimica Acta</i> , 2022 , 1209, 339136	6.6	3
15	Development of Thermal Dissociation Atmospheric Chemical Ionization Source for Rapid Mass Spectrometry Analysis of Ambient Samples. <i>Chinese Journal of Analytical Chemistry</i> , 2011 , 39, 288-292	1.6	2
14	Inside Cover: Sensitive Detection of Native Proteins Using Extractive Electrospray Ionization Mass Spectrometry (Angew. Chem. Int. Ed. 17/2010). <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 2950-2950 ²	16.4	2
13	Development of a Sonic Spray Ionization Source for the Mass Spectrometric Analysis of Proteins. <i>Chinese Journal of Analytical Chemistry</i> , 2008 , 36, 266-272	1.6	2
12	Principles and applications of solid-substrate electrospray ionization mass spectrometry. <i>Scientia Sinica Chimica</i> , 2017 , 47, 1365-1378	1.6	2
11	Contactless electrospray ionization mass spectrometry for direct detection of analytes in living organisms. <i>Journal of Mass Spectrometry</i> , 2021 , 56, e4539	2.2	2
10	Schirmer paper tear sampling of human eye diseases for paper spray mass spectrometry analysis. <i>International Journal of Mass Spectrometry</i> , 2021 , 469, 116689	1.9	2
9	Recent Advances in Facemask Devices for In Vivo Sampling of Human Exhaled Breath Aerosols and Inhalable Environmental Exposures.. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 116600	14.6	2
8	Solid Phase Microextraction for Human Breath Analysis of Environmental and Occupational Exposures: A Review. <i>Advances in Sample Preparation</i> , 2022 , 100023		2
7	Comparative Research of Chemical Profiling in Different Parts of by Ultra-High-Performance Liquid Chromatography Coupled with Hybrid Quadrupole-Orbitrap Mass Spectrometry. <i>Molecules</i> , 2021 , 26,	4.8	1
6	Molecular signatures between citrus and <i>Candidatus Liberibacter asiaticus</i> . <i>PLoS Pathogens</i> , 2021 , 17, e1010071	7.6	1
5	Comparative study on a kilowatt-MPT-MS-based method with two ion polarity modes for the inert palladium metal. <i>Analyst, The</i> , 2021 , 146, 1760-1771	5	0
4	Three new flavonoid glycosides from the aerial parts of L. and their anti-platelet aggregation assessment.. <i>Natural Product Research</i> , 2022 , 1-10	2.3	0

- 3 Innentitelbild: Sensitive Detection of Native Proteins Using Extractive Electrospray Ionization Mass Spectrometry (Angew. Chem. 17/2010). *Angewandte Chemie*, **2010**, 122, 3012-3012 3.6
- 2 A Sensitive and Accurate Assay for 7-Ethoxycoumarin Deethylase Activity Determination Using Column-Switching High-Performance Liquid Chromatography **1991**, 1, 199-209
- 1 Probing the formation of anhydrovinblastine in *Catharanthus roseus* by single-cell mass spectrometry. *International Journal of Mass Spectrometry*, **2022**, 473, 116793 1.9