

Huwei Liu

List of Publications by Year in descending order

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190
papers

5,814
citations

70961

41
h-index

118652

62
g-index

200
all docs

200
docs citations

200
times ranked

6236
citing authors

#	ARTICLE	IF	CITATIONS
1	Online Coupling of In-Tube Solid-Phase Microextraction with Direct Analysis in Real Time Mass Spectrometry for Rapid Determination of Triazine Herbicides in Water Using Carbon-Nanotubes-Incorporated Polymer Monolith. <i>Analytical Chemistry</i> , 2014, 86, 4739-4747.	3.2	172
2	Analytical Methods in Lipidomics and Their Applications. <i>Analytical Chemistry</i> , 2014, 86, 161-175.	3.2	170
3	A Combined Experimental and Theoretical Study on the Extraction of Uranium by Amino-Derived Metal-Organic Frameworks through Post-Synthetic Strategy. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31032-31041.	4.0	161
4	Rapid and specific luminescence sensing of Cu(II) ions with a porphyrinic metal-organic framework. <i>Chemical Communications</i> , 2017, 53, 9986-9989.	2.2	120
5	Recent advances in applications of nanomaterials for sample preparation. <i>Talanta</i> , 2016, 146, 714-726.	2.9	116
6	Cysteine-Functionalized Metal-Organic Framework: Facile Synthesis and High Efficient Enrichment of N-Linked Glycopeptides in Cell Lysate. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 19562-19568.	4.0	110
7	Sulfur-functionalized metal-organic frameworks: Synthesis and applications as advanced adsorbents. <i>Coordination Chemistry Reviews</i> , 2020, 408, 213191.	9.5	107
8	Analytical methods for tracing plant hormones. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 55-74.	1.9	90
9	Applications of nanomaterials in enantioseparation and related techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 39, 195-206.	5.8	88
10	Post-synthetic modification of an amino-functionalized metal-organic framework for highly efficient enrichment of N-linked glycopeptides. <i>Nanoscale</i> , 2016, 8, 10908-10912.	2.8	87
11	Ultrasensitive Ambient Mass Spectrometry Immunoassays: Multiplexed Detection of Proteins in Serum and on Cell Surfaces. <i>Journal of the American Chemical Society</i> , 2019, 141, 72-75.	6.6	81
12	Applications of nanomaterials in liquid chromatography: Opportunities for separation with high efficiency and selectivity. <i>Journal of Separation Science</i> , 2006, 29, 1872-1878.	1.3	79
13	Thin Layer Chromatography/Plasma Assisted Multiwavelength Laser Desorption Ionization Mass Spectrometry for Facile Separation and Selective Identification of Low Molecular Weight Compounds. <i>Analytical Chemistry</i> , 2012, 84, 1496-1503.	3.2	79
14	Metal-organic frameworks as advanced sorbents in sample preparation for small organic analytes. <i>Coordination Chemistry Reviews</i> , 2019, 397, 1-13.	9.5	79
15	Comprehensive lipid profiling of plasma in patients with benign breast tumor and breast cancer reveals novel biomarkers. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5065-5077.	1.9	78
16	Recent advances in lipidomics for disease research. <i>Journal of Separation Science</i> , 2016, 39, 38-50.	1.3	77
17	Applications of metal-organic frameworks as advanced sorbents in biomacromolecules sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 109, 154-162.	5.8	75
18	Lipid profiling of rat peritoneal surface layers by online normal- and reversed-phase 2D LC QToF-MS. <i>Journal of Lipid Research</i> , 2010, 51, 2833-2844.	2.0	74

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19	Recent advances of chromatography and mass spectrometry in lipidomics. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 243-249.	1.9	74
20	Facilely synthesized Eu ³⁺ post-functionalized UiO-66-type metal-organic framework for rapid and highly selective detection of Fe ³⁺ in aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 542-548.	4.0	72
21	Monolithic Superhydrophobic Polymer Layer with Photopatterned Virtual Channel for the Separation of Peptides Using Two-Dimensional Thin Layer Chromatography-Desorption Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 2520-2528.	3.2	70
22	Rapid screening for synthetic antidiabetic drug adulteration in herbal dietary supplements using direct analysis in real time mass spectrometry. <i>Analyst</i> , The, 2011, 136, 2613.	1.7	66
23	Quadruplex stable isotope derivatization strategy for the determination of panaxadiol and panaxatriol in foodstuffs and medicinal materials using ultra high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1616, 460794.	1.8	65
24	Recent advances in applications of metal-organic frameworks for sample preparation in pharmaceutical analysis. <i>Coordination Chemistry Reviews</i> , 2020, 411, 213235.	9.5	65
25	A plasma lipidomics strategy reveals perturbed lipid metabolic pathways and potential lipid biomarkers of human colorectal cancer. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1068-1069, 41-48.	1.2	63
26	Optimized separation of pharmacologically active anthraquinones inRhubarb by capillary electrochromatography. <i>Electrophoresis</i> , 2000, 21, 3109-3115.	1.3	60
27	Solid-phase extraction with the metal-organic framework MIL-101(Cr) combined with direct analysis in real time mass spectrometry for the fast analysis of triazine herbicides. <i>Journal of Separation Science</i> , 2014, 37, 1489-1495.	1.3	59
28	Multi-Dimensional Organic Mass Cytometry: Simultaneous Analysis of Proteins and Metabolites on Single Cells. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1806-1812.	7.2	58
29	Direct analysis in real time mass spectrometry combined with single-drop liquid-liquid microextraction for the rapid analysis of multiple phytohormones in fruit juice. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 2307-2314.	1.9	57
30	Ambient Mass Spectrometry Imaging: Plasma Assisted Laser Desorption Ionization Mass Spectrometry Imaging and Its Applications. <i>Analytical Chemistry</i> , 2014, 86, 4164-4169.	3.2	57
31	Synchronous measuring of triptolide changes in rat brain and blood and its application to a comparative pharmacokinetic study in normal and Alzheimer's disease rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 185, 113263.	1.4	51
32	Online Coupling of Capillary Electrophoresis with Direct Analysis in Real Time Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 170-176.	3.2	49
33	A not-stop-flow online normal/reversed-phase two-dimensional liquid chromatography-quadrupole time-of-flight mass spectrometry method for comprehensive lipid profiling of human plasma from atherosclerosis patients. <i>Journal of Chromatography A</i> , 2014, 1372, 110-119.	1.8	49
34	CE-MS analysis of heroin and its basic impurities using a charged polymer-protected gold nanoparticle-coated capillary. <i>Electrophoresis</i> , 2009, 30, 379-387.	1.3	48
35	Applications of homochiral metal-organic frameworks in enantioselective adsorption and chromatography separation. <i>Electrophoresis</i> , 2014, 35, 2733-2743.	1.3	48
36	Metabolomics Approach Reveals Integrated Metabolic Network Associated with Serotonin Deficiency. <i>Scientific Reports</i> , 2015, 5, 11864.	1.6	48

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37	Stable isotope labeling derivatization and magnetic dispersive solid phase extraction coupled with UHPLC-MS/MS for the measurement of brain neurotransmitters in post-stroke depression rats administrated with gastrodin. <i>Analytica Chimica Acta</i> , 2019, 1051, 73-81.	2.6	48
38	Analysis of phospholipids by NACE with on-line ESI-MS. <i>Electrophoresis</i> , 2007, 28, 1418-1425.	1.3	46
39	Graphite-Coated Paper as Substrate for High Sensitivity Analysis in Ambient Surface-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 3296-3301.	3.2	45
40	Lipidomic analysis of plasma in patients with lacunar infarction using normal-phase/reversed-phase two-dimensional liquid chromatography–quadrupole time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3211-3222.	1.9	44
41	Recent progresses of derivatization approaches in the targeted lipidomics analysis by mass spectrometry. <i>Journal of Separation Science</i> , 2020, 43, 1838-1846.	1.3	43
42	Development and applications of deep eutectic solvent derived functional materials in chromatographic separation. <i>Journal of Separation Science</i> , 2021, 44, 1098-1121.	1.3	42
43	Nanoparticle: is it promising in capillary electrophoresis?. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 925-927.	1.9	41
44	Bifunctional cleavable probes for <i>in situ</i> multiplexed glycan detection and imaging using mass spectrometry. <i>Chemical Science</i> , 2019, 10, 2320-2325.	3.7	41
45	Determination strategies of phytohormones: recent advances. <i>Analytical Methods</i> , 2010, 2, 1867.	1.3	40
46	lonene-dynamically coated capillary for analysis of urinary and recombinant human erythropoietin by capillary electrophoresis and online electrospray ionization mass spectrometry. <i>Journal of Separation Science</i> , 2005, 28, 2390-2400.	1.3	39
47	Recent advances in ambient mass spectrometry imaging. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 120, 115659.	5.8	39
48	Liquid chromatography/mass spectrometry for metabonomics investigation of the biochemical effects induced by aristolochic acid in rats: the use of information–dependent acquisition for biomarker identification. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 873-880.	0.7	38
49	Harnessing Surface-Functionalized Metal–Organic Frameworks for Selective Tumor Cell Capture. <i>Chemistry of Materials</i> , 2017, 29, 8052-8056.	3.2	38
50	Quadrupole time-of-flight mass spectrometry as a powerful tool for demystifying traditional Chinese medicine. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 72, 169-180.	5.8	36
51	Carboxymethyl chitosan-coated capillary and its application in CE of proteins. <i>Electrophoresis</i> , 2007, 28, 1958-1963.	1.3	35
52	Determination of dissociation constants of ten alkaloids by capillary zone electrophoresis. <i>Journal of Separation Science</i> , 2003, 26, 549-554.	1.3	34
53	Rapid determination of aristolochic acid I and II in <i>Aristolochia</i> plants from different regions by β -2-cyclodextrin-modified capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2004, 1049, 211-217.	1.8	34
54	Lipid profiling of human plasma from peritoneal dialysis patients using an improved 2D (NP/RP) LC-QToF MS method. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 6629-6638.	1.9	34

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55	Automated and sensitive analysis of 28-epihomobrassinolide in <i>Arabidopsis thaliana</i> by on-line polymer monolith microextraction coupled to liquid chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1317, 121-128.	1.8	34
56	Application of Chitosan and Its Derivatives in Analytical Chemistry: A Mini-Review. <i>Journal of Carbohydrate Chemistry</i> , 2013, 32, 463-474.	0.4	34
57	Self-assembled covalent capillary coating of diazoresin/carboxyl fullerene for analysis of proteins by capillary electrophoresis and a comparison with diazoresin/graphene oxide coating. <i>Journal of Chromatography A</i> , 2016, 1437, 226-233.	1.8	34
58	Fragmentation pathways of heroin-related alkaloids revealed by ion trap and quadrupole time-of-flight tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 2851-2862.	0.7	33
59	Polymer-based monolithic column with incorporated chiral metal-organic framework for enantioseparation of methyl phenyl sulfoxide using nano-liquid chromatography. <i>Journal of Separation Science</i> , 2016, 39, 4544-4548.	1.3	33
60	Integration of stable isotope labeling derivatization and magnetic dispersive solid phase extraction for measurement of neurosteroids by in vivo microdialysis and UHPLC-MS/MS. <i>Talanta</i> , 2019, 199, 97-106.	2.9	32
61	Direct Analysis in Real Time Mass Spectrometry: a Powerful Tool for Fast Analysis. <i>Mass Spectrometry Letters</i> , 2015, 6, 1-6.	0.5	32
62	Analysis of tetrandrine and fangchinoline in traditional Chinese medicines by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1998, 811, 274-279.	1.8	31
63	Separation and determination of biphenyl nitrile compounds by microemulsion electrokinetic chromatography with mixed surfactants. <i>Electrophoresis</i> , 2004, 25, 1058-1064.	1.3	31
64	Visualizing Dermal Permeation of Sodium Channel Modulators by Mass Spectrometric Imaging. <i>Journal of the American Chemical Society</i> , 2014, 136, 6401-6405.	6.6	31
65	Just dip it: online coupling of Dip-it-polymer monolith microextraction with plasma assisted laser desorption ionization mass spectrometry. <i>Chemical Communications</i> , 2015, 51, 4615-4618.	2.2	31
66	Serum polyunsaturated fatty acid metabolites as useful tool for screening potential biomarker of colorectal cancer. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 120, 25-31.	1.0	31
67	Applications of solid-phase microextraction with mass spectrometry in pesticide analysis. <i>Journal of Separation Science</i> , 2019, 42, 330-341.	1.3	31
68	Sample preparation for pharmaceutical analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 381, 75-77.	1.9	30
69	Facile one-step solvothermal synthesis of a luminescent europium metal-organic framework for rapid and selective sensing of uranyl ions. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4213-4220.	1.9	30
70	Nanostructured Substrates as Matrices for Surface Assisted Laser Desorption/Ionization Mass Spectrometry: A Progress Report from Material Research to Biomedical Applications. <i>Small Methods</i> , 2021, 5, e2100762.	4.6	30
71	Rapid determination of aristolochic acid I and II in <i>Aristolochia</i> plants from different regions by β -cyclodextrin-modified capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2004, 1049, 211-217.	1.8	30
72	Phospholipid imaging of zebrafish exposed to fipronil using atmospheric pressure matrix-assisted laser desorption ionization mass spectrometry. <i>Talanta</i> , 2020, 209, 120357.	2.9	29

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73	Template-free synthesis of uniform mesoporous SnO ₂ nanospheres for efficient phosphopeptide enrichment. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1121-1124.	2.9	28
74	Lipidomic profiling of tryptophan hydroxylase 2 knockout mice reveals novel lipid biomarkers associated with serotonin deficiency. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2963-2973.	1.9	28
75	Molecularly Imprinted Polymer Film Crafted from Porous Silica for Selective Recognition of Testosterone. <i>Analytical Letters</i> , 2006, 39, 275-286.	1.0	27
76	Quantitative Detection of Trace Systemins in <i>Solanaceous</i> Plants by Immunoaffinity Purification Combined with Liquid Chromatography/Electrospray Quadrupole Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 9374-9383.	3.2	27
77	Separation of phospholipids by capillary zone electrophoresis with indirect ultraviolet detection. <i>Journal of Chromatography A</i> , 2006, 1130, 259-264.	1.8	26
78	Analysis of phospholipid species in rat peritoneal surface layer by liquid chromatography/electrospray ionization ion-trap mass spectrometry. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2006, 1761, 667-676.	1.2	26
79	Analysis of aristolochic acids by CE-MS with carboxymethyl chitosan-coated capillary. <i>Electrophoresis</i> , 2009, 30, 1783-1789.	1.3	26
80	Interface for Online Coupling of Surface Plasmon Resonance to Direct Analysis in Real Time Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 6505-6509.	3.2	26
81	Determination of dissociation constants of aristolochic acid I and II by capillary electrophoresis with carboxymethyl chitosan-coated capillary. <i>Talanta</i> , 2011, 85, 813-815.	2.9	25
82	Simultaneous discrimination of jasmonic acid stereoisomers by CE-QTOF-MS employing the partial filling technique. <i>Electrophoresis</i> , 2011, 32, 2693-2699.	1.3	25
83	Hydrazide functionalized monodispersed silica microspheres: a novel probe with tunable selectivity for a versatile enrichment of phosphopeptides with different numbers of phosphorylation sites in MS analysis. <i>Chemical Communications</i> , 2016, 52, 1162-1165.	2.2	25
84	Optimized separation of pharmacologically active xanthenes from <i>Securidaca inappendiculata</i> by micellar electrokinetic chromatography and microemulsion electrokinetic chromatography. <i>Analytica Chimica Acta</i> , 2002, 474, 37-48.	2.6	24
85	Improvement of reproducibility and sensitivity of CE analysis by using the capillary coated dynamically with carboxymethyl chitosan. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 2821-2829.	1.9	24
86	Study on Variation of Lipids during Different Growth Phases of Living Cyanobacteria Using Easy Ambient Sonic-Spray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 7096-7102.	3.2	24
87	Sampling and analyte enrichment strategies for ambient mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 715-724.	1.9	24
88	A flexible and multifunctional metal-organic framework as a matrix for analysis of small molecules using laser desorption/ionization mass spectrometry. <i>Chemical Communications</i> , 2019, 55, 6898-6901.	2.2	24
89	Enrichment of diamide insecticides from environmental water samples using metal-organic frameworks as adsorbents for determination by liquid chromatography tandem mass spectrometry. <i>Journal of Hazardous Materials</i> , 2022, 422, 126839.	6.5	24
90	Fragmentation study and analysis of benzoylurea insecticides and their analogs by liquid chromatography-electrospray ionization-mass spectrometry. <i>Talanta</i> , 2006, 70, 75-87.	2.9	23

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91	Fragmentation study of hexanitrostilbene by ion trap multiple mass spectrometry and analysis by liquid chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2906-2914.	0.7	23
92	On-line concentration and determination of tobacco-specific N-nitrosamines by cation-selective exhaustive injectionâ€“sweepingâ€“micellar electrokinetic chromatography. <i>Talanta</i> , 2010, 82, 1797-1801.	2.9	23
93	NiCoMnO ₄ : A Bifunctional Affinity Probe for His-Tagged Protein Purification and Phosphorylation Sites Recognition. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 18675-18683.	4.0	23
94	A novel online two-dimensional supercritical fluid chromatography/reversed phase liquid chromatographyâ€“mass spectrometry method for lipid profiling. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2225-2235.	1.9	23
95	Mass Spectrometry Methods for In Situ Analysis of Clinical Biomolecules. <i>Small Methods</i> , 2020, 4, 1900407.	4.6	22
96	Characterization of 10 species of Mahonia by capillary electrophoresis. <i>Chromatographia</i> , 2000, 51, 357-361.	0.7	21
97	Facile Synthesis of Mesocrystalline SnO ₂ Nanorods on Reduced Graphene Oxide Sheets: An Appealing Multifunctional Affinity Probe for Sequential Enrichment of Endogenous Peptides and Phosphopeptides. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 35099-35105.	4.0	21
98	Fast analysis of glycosides based on HKUST-1-coated monolith solid-phase microextraction and direct analysis in real-time mass spectrometry. <i>Journal of Separation Science</i> , 2017, 40, 1589-1596.	1.3	21
99	Recent advances of ambient ionization mass spectrometry imaging in clinical research. <i>Journal of Separation Science</i> , 2020, 43, 3146-3163.	1.3	20
100	Sensitive determination of cholesterol and its metabolic steroid hormones by UHPLCâ€“MS/MS via derivatization coupled with dual ultrasonicâ€“assisted dispersive liquidâ€“liquid microextraction. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 147-154.	0.7	19
101	Monolith dip-it: a bifunctional device for improving the sensitivity of direct analysis in real time mass spectrometry. <i>Analyst</i> , The, 2016, 141, 4947-4952.	1.7	19
102	High-Throughput Single-Cell Immunoassay in the Cellular Native Environment Using Online Desalting Dual-Spray Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 15854-15861.	3.2	19
103	A study of the interaction between enantiomers of zolmitriptan and hydroxypropyl-beta-cyclodextrin by capillary electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 313-320.	1.9	18
104	Simultaneous Determination of Main Bioactive Components in Rosa multiflora Thunb. and Their Fragmentation Study by LCâ€“MS. <i>Chromatographia</i> , 2009, 70, 1253-1257.	0.7	18
105	Metabolic study of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone to the enantiomers of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol in vitro in human bronchial epithelial cells using chiral capillary electrophoresis. <i>Journal of Chromatography A</i> , 2011, 1218, 6505-6510.	1.8	18
106	Normal phase <sc>LC</sc> coupled with direct analysis in real time <sc>MS</sc> for the chiral analysis of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol and jasmonic acid. <i>Electrophoresis</i> , 2012, 33, 3387-3393.	1.3	18
107	12-Plex UHPLC-MS/MS analysis of sarcosine in human urine using integrated principle of multiplex tags chemical isotope labeling and selective imprint enriching. <i>Talanta</i> , 2021, 224, 121788.	2.9	18
108	Separation and detection of erythropoietin by CE and CE?MS. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 350-357.	5.8	17

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109	Study on separation of aristolochic acid I and II by micellar electrokinetic capillary chromatography and competition mechanism between SDS and β^2 -cyclodextrin. <i>Electrophoresis</i> , 2006, 27, 837-841.	1.3	17
110	In-capillary non-covalent labeling and determination of tomato systemin with quantum dots in capillary electrophoresis with laser-induced fluorescence detection. <i>Journal of Separation Science</i> , 2011, 34, 2893-2900.	1.3	17
111	Graphene matrix for signal enhancement in ambient plasma assisted laser desorption ionization mass spectrometry. <i>Talanta</i> , 2013, 114, 54-59.	2.9	17
112	Magnetization of 3-dimensional homochiral metal-organic frameworks for efficient and highly selective capture of phosphopeptides. <i>Journal of Chromatography A</i> , 2016, 1468, 49-54.	1.8	17
113	Metal-organic frameworks induce autophagy in mouse embryonic fibroblast cells. <i>Nanoscale</i> , 2018, 10, 18161-18168.	2.8	17
114	9-Plex ultra high performance liquid chromatography tandem mass spectrometry determination of free hydroxyl polycyclic aromatic hydrocarbons in human plasma and urine. <i>Journal of Chromatography A</i> , 2020, 1623, 461182.	1.8	17
115	One-step hexaplex immunoassays by on-line paper substrate-based electrospray ionization mass spectrometry for combined cancer biomarker screening. <i>Chemical Science</i> , 2021, 12, 4916-4924.	3.7	17
116	Optimized separation of pharmacologically active xanthenes from <i>Securidaca inappendiculata</i> by capillary electrophoresis. <i>Chromatographia</i> , 2002, 55, 217-223.	0.7	16
117	Determination of isoquinoline alkaloids in <i>Thalictrum</i> herbal drugs by non-aqueous capillary electrophoresis. <i>Chromatographia</i> , 2002, 55, 63-68.	0.7	16
118	Determination of dissociation constants of pharmacologically active xanthenes by capillary zone electrophoresis with diode array detection. <i>Journal of Chromatography A</i> , 2004, 1061, 217-223.	1.8	16
119	Online concentration of aristolochic acid I and II in Chinese medicine preparations by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2007, 1167, 120-124.	1.8	16
120	Simultaneous determination of jasmonic acid epimers as phytohormones by chiral liquid chromatography-quadrupole time-of-flight mass spectrometry and their epimerization study. <i>Journal of Chromatography A</i> , 2012, 1235, 125-131.	1.8	16
121	An interface for online coupling capillary electrophoresis to dielectric barrier discharge ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8655-8661.	1.9	16
122	Derivatization-based magnetic dummy molecularly imprinted polymers integrated with 4-plex stable isotope labeling derivatization strategy for specific and rapid determination of L-hydroxyproline in human serum. <i>Analytica Chimica Acta</i> , 2020, 1127, 57-68.	2.6	16
123	Rapid determination of C12-C26 non-derivatized fatty acids in human serum by fast gas chromatography. <i>Journal of Separation Science</i> , 2007, 30, 1537-1543.	1.3	15
124	A dielectric barrier discharge ionization based interface for online coupling surface plasmon resonance with mass spectrometry. <i>Analyst</i> , 2016, 141, 3343-3348.	1.7	15
125	Characterization of natural herbal medicines by thin-layer chromatography combined with laser ablation-assisted direct analysis in real-time mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1654, 462461.	1.8	15
126	Determination of harpagide and harpagoside in <i>Scrophularia ningpoensis</i> by capillary electrophoresis. <i>Chromatographia</i> , 1999, 50, 358-362.	0.7	14

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127	Separation of chiral basic drugs with sulfobutyl- β -cyclodextrin in capillary electrophoresis. <i>Chromatographia</i> , 1999, 50, 363-368.	0.7	14
128	Separation of isoquinoline alkaloids and saponins by microemulsion electrokinetic chromatography with anionic and cationic surfactants. <i>Chromatographia</i> , 2002, 56, 709-716.	0.7	14
129	High-speed determination of aesculin and aesculetin in <i>Cortex fraxini</i> by micellar electrokinetic chromatography. <i>Chromatographia</i> , 2002, 55, 621-624.	0.7	14
130	Combination of dynamic pH junction with capillary electrophoresis-mass spectrometry for the determination of systemins in plant samples. <i>Electrophoresis</i> , 2014, 35, 1984-1988.	1.3	14
131	Lipid profiling of cyanobacteria <i>Synechococcus</i> sp. PCC 7002 using two-dimensional liquid chromatography with quadrupole time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 3745-3753.	1.3	14
132	Rapid screening and quantification of glucocorticoids in essential oils using direct analysis in real time mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 133-140.	0.7	14
133	Determination of patulin in apple juice by amine-functionalized solid-phase extraction coupled with isotope dilution liquid chromatography tandem mass spectrometry. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 1767-1771.	1.7	14
134	Determination of alkaloids in <i>Sophora flavescens</i> ait. and <i>Sophora viciifolia</i> Hance by capillary zone electrophoresis. <i>Journal of Separation Science</i> , 2001, 13, 221-226.	1.0	13
135	Study of the metabolism on tobacco-specific N-nitrosamines in the rabbit by solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1985-1993.	1.9	13
136	A comparative study of micellar and microemulsion EKC for the analysis of benzoylurea insecticides and their analogs. <i>Electrophoresis</i> , 2007, 28, 1744-1751.	1.3	13
137	Chiral separation of raltitrexed by cyclodextrin-modified micellar electrokinetic chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 321-326.	1.9	13
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