

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	Towards high throughput and high information coverage: advanced single-cell mass spectrometric techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 219-233.	1.9	10
2	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
3	Highly sensitive and multiplexed mass spectrometric immunoassay techniques and clinical applications. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 5121-5138.	1.9	5
4	Clinical grade lentiviral vector purification and quality control requirements. <i>Journal of Separation Science</i> , 2022, 45, 2093-2101.	1.3	3
5	Targeted Metabolomics Based on LC-MS/MS Revealing Alteration of Bile Acids in Male Migraine Patients. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 809-815.	1.3	1
6	Maltose-functional metal-organic framework assisted laser desorption/ionization mass spectrometry for small biomolecule determination. <i>Mikrochimica Acta</i> , 2022, 189, .	2.5	2
7	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
8	Multi-Dimensional Organic Mass Cytometry: Simultaneous Analysis of Proteins and Metabolites on Single Cells. <i>Angewandte Chemie</i> , 2021, 133, 1834-1840.	1.6	4
9	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
10	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
11	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
12	Glutathione-functionalized two-dimensional cobalt sulfide nanosheets for rapid and highly efficient enrichment of N-glycopeptides. <i>Mikrochimica Acta</i> , 2021, 188, 274.	2.5	9
13	Separation and determination of 3-hydroxyaspartate by online concentration capillary electrophoresis/laser-induced fluorescence with microwave-assisted derivatization. <i>Journal of Separation Science</i> , 2021, 44, 3646-3653.	1.3	7
14	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
15	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
16	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
17	Surface plasmon resonance coupled to mass spectrometry in bioanalysis. <i>Comprehensive Analytical Chemistry</i> , 2021, 95, 89-106.	0.7	2
18	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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19	Mass Spectrometry Methods for In Situ Analysis of Clinical Biomolecules. <i>Small Methods</i> , 2020, 4, 1900407.	4.6	22
20	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
21	A novel online two-dimensional supercritical fluid chromatography/reversed phase liquid chromatography-mass spectrometry method for lipid profiling. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2225-2235.	1.9	23
22	In Situ Laser Scattering Electrospray Ionization Mass Spectrometry and Its Application in the Mechanism Study of Photoinduced Direct C-H Arylation of Heteroarenes. <i>Analytical Chemistry</i> , 2020, 92, 11967-11972.	3.2	7
23	Spatial Distribution of Endogenous Molecules in Coffee Beans by Atmospheric Pressure Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 2503-2510.	1.2	11
24	13-Plex UHPLC-MS/MS Analysis of Hexanal and Heptanal Using Multiplex Tags Chemical Isotope Labeling Technology. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1965-1973.	1.2	9
25	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
26	8-Plex stable isotope labeling absolute quantitation strategy combined with dual-targeted recognizing function material for simultaneous separation and determination of glucosylsphingosine and galactosylsphingosine in human plasma. <i>Analytica Chimica Acta</i> , 2020, 1124, 40-51.	2.6	11
27	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
28	Multiplexed derivatization strategy-based dummy molecularly imprinted polymers as sorbents for magnetic dispersive solid phase extraction of globotriaosylsphingosine prior to UHPLC-MS/MS quantitation. <i>Mikrochimica Acta</i> , 2020, 187, 373.	2.5	9
29	Recent advances of ambient ionization mass spectrometry imaging in clinical research. <i>Journal of Separation Science</i> , 2020, 43, 3146-3163.	1.3	20
30	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
31	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
32	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
33	Sulfur-functionalized metal-organic frameworks: Synthesis and applications as advanced adsorbents. <i>Coordination Chemistry Reviews</i> , 2020, 408, 213191.	9.5	107
34	Tracing and elucidating visible-light mediated oxidation and C-H functionalization of amines using mass spectrometry. <i>Chemical Communications</i> , 2020, 56, 2163-2166.	2.2	4
35	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
36	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

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37	Recent advances in ambient mass spectrometry imaging. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 120, 115659.	5.8	39
38	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
39	Hybrid methods of surface plasmon resonance coupled to mass spectrometry for biomolecular interaction analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3721-3729.	1.9	12
40	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
41	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
42	Integration of stable isotope labeling derivatization and magnetic dispersive solid phase extraction for measurement of neurosteroids by <i>in vivo</i> microdialysis and UHPLC-MS/MS. <i>Talanta</i> , 2019, 199, 97-106.	2.9	32
43	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
44	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
45	Applications of solid-phase microextraction with mass spectrometry in pesticide analysis. <i>Journal of Separation Science</i> , 2019, 42, 330-341.	1.3	31
46	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
47	A Versatile Integrated Ambient Ionization Source Platform. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1408-1415.	1.2	10
48	Low-temperature plasma probe mass spectrometry based method for determination of new psychoactive substances in oral fluid. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 913-918.	0.7	10
49	Sampling and analyte enrichment strategies for ambient mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 715-724.	1.9	24
50	Lipid metabolism in mouse embryonic fibroblast cells in response to autophagy induced by nutrient stress. <i>Analytica Chimica Acta</i> , 2018, 1037, 75-86.	2.6	8
51	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
52	Metal-organic frameworks induce autophagy in mouse embryonic fibroblast cells. <i>Nanoscale</i> , 2018, 10, 18161-18168.	2.8	17
53	Development of a fast CE method for high throughput screening of ecto-5'-nucleotidase inhibitors. <i>Electrophoresis</i> , 2018, 39, 2612-2618.	1.3	8
54	Lipid Biomarker for Breast Cancer. , 2018, , 1-6.		0

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55	Lipid Biomarker for Liver Cancer. , 2018, , 1-4.		0
56	Lipidomic analysis of plasma in patients with lacunar infarction using normal-phase/reversed-phase two-dimensional liquid chromatographyâ€“quadrupole time-of-flight mass spectrometry. Analytical and Bioanalytical Chemistry, 2017, 409, 3211-3222.	1.9	44
57	Fast analysis of glycosides based on HKUST-1-coated monolith solid-phase microextraction and direct analysis in real-time mass spectrometry. Journal of Separation Science, 2017, 40, 1589-1596.	1.3	21
58	Serum polyunsaturated fatty acid metabolites as useful tool for screening potential biomarker of colorectal cancer. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 120, 25-31.	1.0	31
59	Cysteine-Functionalized Metalâ€“Organic Framework: Facile Synthesis and High Efficient Enrichment of N-Linked Glycopeptides in Cell Lysate. ACS Applied Materials & Interfaces, 2017, 9, 19562-19568.	4.0	110
60	New Strategy for Further Improving the Detection Sensitivity of Direct Analysis in Real Time-Mass Spectrometry. Journal of Analysis and Testing, 2017, 1, 1.	2.5	4
61	A plasma lipidomics strategy reveals perturbed lipid metabolic pathways and potential lipid biomarkers of human colorectal cancer. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1068-1069, 41-48.	1.2	63
62	Harnessing Surface-Functionalized Metalâ€“Organic Frameworks for Selective Tumor Cell Capture. Chemistry of Materials, 2017, 29, 8052-8056.	3.2	38
63	Rapid and specific luminescence sensing of Cu(II) ions with a porphyrinic metalâ€“organic framework. Chemical Communications, 2017, 53, 9986-9989.	2.2	120
64	Sphingolipids Profiling of Plasma in Patients with Diabetes Mellitus Associated with Atherosclerosis by a Novel Normal-Phase UPLC-QToF MS Method. Journal of Analysis and Testing, 2017, 1, 245-254.	2.5	1
65	Drift tube ion mobility and fourâ€“dimensional molecular feature extraction enable dataâ€“independent tandem mass spectrometric â€“omicsâ€™ analysis without quadrupole selection. Rapid Communications in Mass Spectrometry, 2017, 31, 33-38.	0.7	12
66	Special Topic: Metabolomics and Lipidomics. Journal of Analysis and Testing, 2017, 1, 185-186.	2.5	1
67	Gas Chromatography: Principles & Applications, 2017, , 237-237.		2
68	Plasma Lipidomic Analysis to Identify Novel Biomarkers for Hepatocellular Carcinoma. Journal of Analysis and Testing, 2017, 1, 223-232.	2.5	4
69	Supercritical Fluid Chromatography and Its Application in Lipid Isomer Separation. Journal of Analysis and Testing, 2017, 1, 330-334.	2.5	7
70	Study on the interaction of uranyl with sulfated betaâ€“cyclodextrin by affinity capillary electrophoresis and molecular dynamics simulation. Electrophoresis, 2016, 37, 2567-2573.	1.3	13
71	Metabolomic Analysis of Mouse Embryonic Fibroblast Cells in Response to Autophagy Induced by Acute Starvation. Scientific Reports, 2016, 6, 34075.	1.6	10
72	Fabrication of universal serial bus flash disk type microfluidic chip electrophoresis and application for protein analysis under ultra low voltage. Biomicrofluidics, 2016, 10, 024107.	1.2	5

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73	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
74	Fabrication of anti-protein-fouling poly(ethylene glycol) microfluidic chip electrophoresis by sandwich photolithography. <i>Biomicrofluidics</i> , 2016, 10, 044106.	1.2	11
75	Recent advances in lipidomics for disease research. <i>Journal of Separation Science</i> , 2016, 39, 38-50.	1.3	77
76	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
77	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
78	A dielectric barrier discharge ionization based interface for online coupling surface plasmon resonance with mass spectrometry. <i>Analyst, The</i> , 2016, 141, 3343-3348.	1.7	15
79	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
80	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
81	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
82	Sensitive determination of cholesterol and its metabolic steroid hormones by UHPLC-MS/MS via derivatization coupled with dual ultrasonic-assisted dispersive liquid-liquid microextraction. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 147-154.	0.7	19
83	Online coupling techniques in ambient mass spectrometry. <i>Analyst, The</i> , 2016, 141, 5913-5921.	1.7	10
84	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
85	Monolith dip-it: a bifunctional device for improving the sensitivity of direct analysis in real time mass spectrometry. <i>Analyst, The</i> , 2016, 141, 4947-4952.	1.7	19
86	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
87	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
88	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
89	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
90	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

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91	Recent advances in applications of nanomaterials for sample preparation. <i>Talanta</i> , 2016, 146, 714-726.	2.9	116
92	Lipidomic analysis of <i>p</i> -chlorophenylalanine-treated mice using continuous-flow two-dimensional liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1491-1500.	0.7	11
93	Binding constant determination of uranyl-citrate complex by ACE using a multi-injection method. <i>Electrophoresis</i> , 2015, 36, 1033-1039.	1.3	3
94	Metabolomics Approach Reveals Integrated Metabolic Network Associated with Serotonin Deficiency. <i>Scientific Reports</i> , 2015, 5, 11864.	1.6	48
95	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
96	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
97	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
98	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
99	High-throughput intracellular pteridinic profiling by liquid chromatography-quadrupole time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2015, 853, 442-450.	2.6	12
100	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
101	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
102	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
103	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
104	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
105	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
106	Applications of homochiral metal-organic frameworks in enantioselective adsorption and chromatography separation. <i>Electrophoresis</i> , 2014, 35, 2733-2743.	1.3	48
107	Rapid and subnanomolar assay of recombinant human erythropoietin by capillary electrophoresis using NanoOrange precolumn labeling and laser-induced fluorescence detection. <i>Journal of Separation Science</i> , 2014, 37, 2233-2238.	1.3	5
108	Analytical Methods in Lipidomics and Their Applications. <i>Analytical Chemistry</i> , 2014, 86, 161-175.	3.2	170

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127	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
128	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
129	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
130	Fast Screening for Tobacco-Specific N-nitrosamines by CZE Using Dynamically Coated Capillaries. <i>Chromatographia</i> , 2011, 74, 415-419.	0.7	4
131	Recent advances of chromatography and mass spectrometry in lipidomics. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 243-249.	1.9	74
132	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
133	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
134	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
135	Fragmentation study of two brassinolides by ion trap tandem mass spectrometry. <i>Science Bulletin</i> , 2010, 55, 2219-2224.	1.7	2
136	Fragmentation investigation of brassinosteroid compounds by ion trap and quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3325-3334.	0.7	11
137	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
138	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
139	On-line concentration and determination of tobacco-specific N-nitrosamines by cation-selective exhaustive injection-sweeping-micellar electrokinetic chromatography. <i>Talanta</i> , 2010, 82, 1797-1801.	2.9	23
140	Quantitative Detection of Trace Systemins in Solanaceous 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
141	Determination strategies of phytohormones: recent advances. <i>Analytical Methods</i> , 2010, 2, 1867.	1.3	40
142	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
143	Analysis of aristolochic acids by CE-MS with carboxymethyl chitosan-coated capillary. <i>Electrophoresis</i> , 2009, 30, 1783-1789.	1.3	26
144	Recent progress in quantitative analysis of DNA adducts of nephrotoxin aristolochic acid. <i>Science in China Series B: Chemistry</i> , 2009, 52, 1576-1582.	0.8	0

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145	Chiral separation of raltitrexed by cyclodextrin-modified micellar electrokinetic chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 321-326.	1.9	13
146	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
147	Simultaneous Determination of Main Bioactive Components in <i>Rosa multiflora</i> Thunb. and Their Fragmentation Study by LC-MS. <i>Chromatographia</i> , 2009, 70, 1253-1257.	0.7	18
148	Nanoparticle: is it promising in capillary electrophoresis?. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 925-927.	1.9	41
149	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
150	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
151	Synergistic Design of Electric Field and Membrane in Facilitating Continuous Adsorption for Cleanup and Enrichment of Proteins in Direct ESI-MS Analysis. <i>Analytical Chemistry</i> , 2008, 80, 8920-8929.	3.2	7
152	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
153	Analysis of phospholipids by NACE with on-line ESI-MS. <i>Electrophoresis</i> , 2007, 28, 1418-1425.	1.3	46
154	Carboxymethyl chitosan-coated capillary and its application in CE of proteins. <i>Electrophoresis</i> , 2007, 28, 1958-1963.	1.3	35
155	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
156	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
157	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
158	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
159	Separation of hydrophobic solutes by organic-solvent-based micellar electrokinetic chromatography using cation surfactants. <i>Journal of Chromatography A</i> , 2006, 1121, 274-279.	1.8	11
160	Separation of phospholipids by capillary zone electrophoresis with indirect ultraviolet detection. <i>Journal of Chromatography A</i> , 2006, 1130, 259-264.	1.8	26
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