

Yu-Qi Feng

List of Publications by Year in descending order

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538
papers

22,465
citations

10389

72
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26613

107
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549
all docs

549
docs citations

549
times ranked

17672
citing authors

#	ARTICLE	IF	CITATIONS
1	Gibberellin Regulates the <i>Arabidopsis</i> Floral Transition through miR156-Targeted SQUAMOSA PROMOTER BINDING-LIKE Transcription Factors. <i>Plant Cell</i> , 2012, 24, 3320-3332.	6.6	377
2	ABI4 Regulates Primary Seed Dormancy by Regulating the Biogenesis of Abscisic Acid and Gibberellins in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2013, 9, e1003577.	3.5	330
3	Rice zinc finger protein DST enhances grain production through controlling <i>Gn1a/OsCKX2</i> expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3167-3172.	7.1	252
4	Magnetic retrieval of graphene: Extraction of sulfonamide antibiotics from environmental water samples. <i>Journal of Chromatography A</i> , 2011, 1218, 1353-1358.	3.7	247
5	A novel dispersive liquid-liquid microextraction based on solidification of floating organic droplet method for determination of polycyclic aromatic hydrocarbons in aqueous samples. <i>Analytica Chimica Acta</i> , 2009, 636, 28-33.	5.4	243
6	Cytokinin antagonizes ABA suppression to seed germination of <i>Arabidopsis</i> by downregulating ABI5 expression. <i>Plant Journal</i> , 2011, 68, 249-261.	5.7	229
7	Synthesis and applications of functionalized magnetic materials in sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 45, 233-247.	11.4	229
8	Allelic diversity in an NLR gene <i>BPH9</i> enables rice to combat planthopper variation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12850-12855.	7.1	196
9	Rice Ethylene-Response AP2/ERF Factor <i>OsEATB</i> Restricts Internode Elongation by Down-Regulating a Gibberellin Biosynthetic Gene. <i>Plant Physiology</i> , 2011, 157, 216-228.	4.8	194
10	Novel polymer monolith microextraction using a poly(methacrylic acid-ethylene glycol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 392 Td (dir receptor antagonists in human urine by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2006, 1102, 294-301.	3.7	192
11	Derivatization for liquid chromatography-mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 59, 121-132.	11.4	189
12	Fast microextraction of phthalate acid esters from beverage, environmental water and perfume samples by magnetic multi-walled carbon nanotubes. <i>Talanta</i> , 2012, 90, 123-131.	5.5	187
13	The genome of <i>Mesobuthus martensii</i> reveals a unique adaptation model of arthropods. <i>Nature Communications</i> , 2013, 4, 2602.	12.8	187
14	<i>CYTOKININ OXIDASE/DEHYDROGENASE4</i> Integrates Cytokinin and Auxin Signaling to Control Rice Crown Root Formation. <i>Plant Physiology</i> , 2014, 165, 1035-1046.	4.8	182
15	Rapid magnetic solid-phase extraction based on magnetite/silica/poly(methacrylic acid-co-ethylene) Tj ETQq1 1 0.784314 rgBT /Dv Journal of Chromatography A, 2010, 1217, 5602-5609.	3.7	177
16	Highly sensitive and quantitative profiling of acidic phytohormones using derivatization approach coupled with nano-LC-ESI-Q-TOF-MS analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 905, 67-74.	2.3	173
17	Mutation of Rice <i>BC12/GDD1</i> , Which Encodes a Kinesin-Like Protein That Binds to a GA Biosynthesis Gene Promoter, Leads to Dwarfism with Impaired Cell Elongation. <i>Plant Cell</i> , 2011, 23, 628-640.	6.6	162
18	Poly (methacrylic acid-co-ethylene glycol dimethacrylate) monolithic capillary for in-tube solid phase microextraction coupled to high performance liquid chromatography and its application to determination of basic drugs in human serum. <i>Analytica Chimica Acta</i> , 2004, 523, 251-258.	5.4	159

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19	Glucose Is Involved in the Dynamic Regulation of m6A in Patients With Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 665-673.	3.6	159
20	Decreased N ⁶ -Methyladenosine in Peripheral Blood RNA From Diabetic Patients Is Associated With FTO Expression Rather Than ALKBH5. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E148-E154.	3.6	158
21	Bph6 encodes an exocyst-localized protein and confers broad resistance to planthoppers in rice. <i>Nature Genetics</i> , 2018, 50, 297-306.	21.4	158
22	Boronate affinity monolith for highly selective enrichment of glycopeptides and glycoproteins. <i>Analyst</i> , The, 2009, 134, 2158.	3.5	149
23	Magnetic solid-phase extraction based on magnetic carbon nanotube for the determination of estrogens in milk. <i>Journal of Separation Science</i> , 2011, 34, 2498-2504.	2.5	140
24	Rapid Determination of Estrogens in Milk Samples Based on Magnetite Nanoparticles/Polypyrrole Magnetic Solid-Phase Extraction Coupled with Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 8543-8549.	5.2	139
25	Tomato SIDREB gene restricts leaf expansion and internode elongation by downregulating key genes for gibberellin biosynthesis. <i>Journal of Experimental Botany</i> , 2012, 63, 6407-6420.	4.8	139
26	Selective sample pretreatment by molecularly imprinted polymer monolith for the analysis of fluoroquinolones from milk samples. <i>Journal of Chromatography A</i> , 2010, 1217, 2075-2081.	3.7	138
27	n-Octadecylphosphonic acid grafted mesoporous magnetic nanoparticle: Preparation, characterization, and application in magnetic solid-phase extraction. <i>Journal of Chromatography A</i> , 2010, 1217, 7351-7358.	3.7	133
28	A new device for magnetic stirring-assisted dispersive liquid-liquid microextraction of UV filters in environmental water samples. <i>Talanta</i> , 2011, 83, 1711-1715.	5.5	132
29	Rapid Magnetic Solid-Phase Extraction Based on Magnetic Multiwalled Carbon Nanotubes for the Determination of Polycyclic Aromatic Hydrocarbons in Edible Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 12794-12800.	5.2	130
30	Quantification of 5-Methylcytosine and 5-Hydroxymethylcytosine in Genomic DNA from Hepatocellular Carcinoma Tissues by Capillary Hydrophilic-Interaction Liquid Chromatography/Quadrupole TOF Mass Spectrometry. <i>Clinical Chemistry</i> , 2013, 59, 824-832.	3.2	127
31	Sensitive and Simultaneous Determination of 5-Methylcytosine and Its Oxidation Products in Genomic DNA by Chemical Derivatization Coupled with Liquid Chromatography-Tandem Mass Spectrometry Analysis. <i>Analytical Chemistry</i> , 2015, 87, 3445-3452.	6.5	126
32	Determination of DNA and RNA Methylation in Circulating Tumor Cells by Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 1378-1384.	6.5	123
33	Poly(methacrylic acid-ethylene glycol dimethacrylate) monolith in-tube solid phase microextraction coupled to high performance liquid chromatography and analysis of amphetamines in urine samples. <i>Journal of Chromatography A</i> , 2005, 1074, 9-16.	3.7	120
34	Analysis of estrogens in environmental waters using polymer monolith in-polyether ether ketone tube solid-phase microextraction combined with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2006, 1133, 21-28.	3.7	120
35	Crystal Structures of Saturn-Like C ₅₀ and Pineapple-Shaped C ₆₄ Cl ₄ : Geometric Implications of Double and Triple-Pentagon-Fused Chlorofullerenes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5340-5343.	13.8	116
36	Formation and determination of the oxidation products of 5-methylcytosine in RNA. <i>Chemical Science</i> , 2016, 7, 5495-5502.	7.4	116

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37	Salt Stress Represses Soybean Seed Germination by Negatively Regulating GA Biosynthesis While Positively Mediating ABA Biosynthesis. <i>Frontiers in Plant Science</i> , 2017, 8, 1372.	3.6	115
38	Hybrid organic-inorganic monolithic stationary phase for acidic compounds separation by capillary electrochromatography. <i>Journal of Chromatography A</i> , 2004, 1046, 255-261.	3.7	111
39	In-tube solid-phase microextraction based on hybrid silica monolith coupled to liquid chromatography-mass spectrometry for automated analysis of ten antidepressants in human urine and plasma. <i>Journal of Chromatography A</i> , 2010, 1217, 7493-7501.	3.7	111
40	A magnetite/oxidized carbon nanotube composite used as an adsorbent and a matrix of MALDI-TOF-MS for the determination of benzo[a]pyrene. <i>Chemical Communications</i> , 2011, 47, 9816.	4.1	111
41	Monitoring of Five Sulfonamide Antibacterial Residues in Milk by In-Tube Solid-Phase Microextraction Coupled to High-Performance Liquid Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 8468-8473.	5.2	106
42	Graphene-polymer composite: extraction of polycyclic aromatic hydrocarbons from water samples by stir rod sorptive extraction. <i>Analytical Methods</i> , 2011, 3, 92-98.	2.7	104
43	The existence of 5-hydroxymethylcytosine and 5-formylcytosine in both DNA and RNA in mammals. <i>Chemical Communications</i> , 2016, 52, 737-740.	4.1	102
44	Fluorescein Derivatives as Bifunctional Molecules for the Simultaneous Inhibiting and Labeling of FTO Protein. <i>Journal of the American Chemical Society</i> , 2015, 137, 13736-13739.	13.7	99
45	Facile synthesis of magnetic molecularly imprinted polymers and its application in magnetic solid phase extraction for fluoroquinolones in milk samples. <i>Journal of Chromatography A</i> , 2014, 1329, 17-23.	3.7	98
46	Magnetic solid-phase extraction of hydrophobic analytes in environmental samples by a surface hydrophilic carbon-ferromagnetic nanocomposite. <i>Journal of Chromatography A</i> , 2010, 1217, 7331-7336.	3.7	96
47	Biocompatible in-tube solid-phase microextraction coupled to HPLC for the determination of angiotensin II receptor antagonists in human plasma and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 828, 62-69.	2.3	94
48	Poly(acrylamide-vinylpyridine-N,N'-methylene bisacrylamide) monolithic capillary for in-tube solid-phase microextraction coupled to high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2005, 1099, 84-91.	3.7	92
49	In-tube solid phase microextraction using a β -cyclodextrin coated capillary coupled to high performance liquid chromatography for determination of non-steroidal anti-inflammatory drugs in urine samples. <i>Talanta</i> , 2005, 65, 111-117.	5.5	92
50	Mesostructured Nanomagnetic Polyhedral Oligomeric Silsesquioxanes (POSS) Incorporated with Dithiol Organic Anchors for Multiple Pollutants Capturing in Wastewater. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 8058-8066.	8.0	92
51	Simultaneous residue monitoring of four tetracycline antibiotics in fish muscle by in-tube solid-phase microextraction coupled with high-performance liquid chromatography. <i>Talanta</i> , 2006, 70, 153-159.	5.5	91
52	β -Cyclodextrin Covalent Organic Framework for Selective Molecular Adsorption. <i>Chemistry - A European Journal</i> , 2018, 24, 10979-10983.	3.3	91
53	Widespread Existence of Cytosine Methylation in Yeast DNA Measured by Gas Chromatography/Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 7249-7255.	6.5	90
54	Recent advances in phosphopeptide enrichment: Strategies and techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 78, 70-83.	11.4	90

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55	Determination of Oxidation Products of 5-Methylcytosine in Plants by Chemical Derivatization Coupled with Liquid Chromatography/Tandem Mass Spectrometry Analysis. <i>Analytical Chemistry</i> , 2014, 86, 7764-7772.	6.5	89
56	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2021, 64, 171-203.	8.2	88
57	Monitoring of sulfonamide antibacterial residues in milk and egg by polymer monolith microextraction coupled to hydrophilic interaction chromatography/mass spectrometry. <i>Analytica Chimica Acta</i> , 2008, 625, 160-172.	5.4	86
58	Determination of fluoroquinolones in eggs using in-tube solid-phase microextraction coupled to high-performance liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 1228-1235.	3.7	85
59	Functional inactivation of UDP-N-acetylglucosamine pyrophosphorylase 1 (UAP1) induces early leaf senescence and defence responses in rice. <i>Journal of Experimental Botany</i> , 2015, 66, 973-987.	4.8	85
60	Sensitive Detection of DNA Methyltransferase Activity Based on Exonuclease-Mediated Target Recycling. <i>Analytical Chemistry</i> , 2014, 86, 11269-11274.	6.5	84
61	Comprehensive Screening and Identification of Fatty Acid Esters of Hydroxy Fatty Acids in Plant Tissues by Chemical Isotope Labeling-Assisted Liquid Chromatography-Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 10056-10063.	6.5	84
62	Titania coated magnetic mesoporous hollow silica microspheres: fabrication and application to selective enrichment of phosphopeptides. <i>Chemical Communications</i> , 2010, 46, 9031.	4.1	80
63	Profiling of Thiol-Containing Compounds by Stable Isotope Labeling Double Precursor Ion Scan Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 9765-9773.	6.5	80
64	Facile synthesis of magnetic one-dimensional polyaniline and its application in magnetic solid phase extraction for fluoroquinolones in honey samples. <i>Analytica Chimica Acta</i> , 2012, 720, 57-62.	5.4	79
65	Quick, easy, cheap, effective, rugged and safe method with magnetic graphitized carbon black and primary secondary amine as adsorbent and its application in pesticide residue analysis. <i>Journal of Chromatography A</i> , 2013, 1300, 127-133.	3.7	79
66	Existence of G-quadruplex structures in promoter region of oncogenes confirmed by G-quadruplex DNA cross-linking strategy. <i>Scientific Reports</i> , 2013, 3, 1811.	3.3	79
67	Molecular complex-based dispersive liquid-liquid microextraction: Analysis of polar compounds in aqueous solution. <i>Journal of Chromatography A</i> , 2010, 1217, 7010-7016.	3.7	78
68	Hybrid organic-inorganic octyl monolithic column for in-tube solid-phase microextraction coupled to capillary high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2007, 1164, 48-55.	3.7	77
69	Highly sensitive profiling assay of acidic plant hormones using a novel mass probe by capillary electrophoresis-time of flight-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 938-944.	2.3	77
70	Octyl-functionalized hybrid silica monolithic column for reversed-phase capillary electrochromatography. <i>Journal of Chromatography A</i> , 2006, 1121, 92-98.	3.7	75
71	Overexpression of SoCYP85A1, a Spinach Cytochrome p450 Gene in Transgenic Tobacco Enhances Root Development and Drought Stress Tolerance. <i>Frontiers in Plant Science</i> , 2017, 8, 1909.	3.6	75
72	Comprehensive Profiling of Fecal Metabolome of Mice by Integrated Chemical Isotope Labeling-Mass Spectrometry Analysis. <i>Analytical Chemistry</i> , 2018, 90, 3512-3520.	6.5	75

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73	In-tube solid-phase microextraction with poly(methacrylic acid-ethylene glycol dimethacrylate) monolithic capillary for direct high-performance liquid chromatographic determination of ketamine in urine samples. <i>Analyst</i> , 2004, 129, 1065.	3.5	74
74	Substrateless graphene fiber: A sorbent for solid-phase microextraction. <i>Journal of Chromatography A</i> , 2012, 1268, 9-15.	3.7	74
75	Determination of DNA adenine methylation in genomes of mammals and plants by liquid chromatography/mass spectrometry. <i>RSC Advances</i> , 2015, 5, 64046-64054.	3.6	74
76	Multiresidue determination of sulfonamides in chicken meat by polymer monolith microextraction and capillary zone electrophoresis with field-amplified sample stacking. <i>Journal of Chromatography A</i> , 2008, 1205, 163-170.	3.7	73
77	Porous monoliths: sorbents for miniaturized extraction in biological analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 3345-3357.	3.7	73
78	The rice <i><i>GERMINATION DEFECTIVE 1</i></i> , encoding a B3 domain transcriptional repressor, regulates seed germination and seedling development by integrating <i><sc>GA</sc></i> and carbohydrate metabolism. <i>Plant Journal</i> , 2013, 75, 403-416.	5.7	73
79	Facile Preparation of SiO ₂ /TiO ₂ Composite Monolithic Capillary Column and Its Application in Enrichment of Phosphopeptides. <i>Analytical Chemistry</i> , 2012, 84, 7763-7770.	6.5	72
80	High Strength and Hydrophilic Chitosan Microspheres for the Selective Enrichment of N-Glycopeptides. <i>Analytical Chemistry</i> , 2017, 89, 9712-9721.	6.5	72
81	Determination of low-aliphatic aldehyde derivatizatives in human saliva using polymer monolith microextraction coupled to high-performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2006, 565, 129-135.	5.4	71
82	Application of poly(methacrylic acid-ethylene glycol dimethacrylate) monolith microextraction coupled with capillary zone electrophoresis to the determination of opiates in human urine. <i>Electrophoresis</i> , 2006, 27, 1939-1948.	2.4	71
83	Use of isotope differential derivatization for simultaneous determination of thiols and oxidized thiols by liquid chromatography tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2011, 416, 159-166.	2.4	69
84	Immobilization of <i>Candida rugosa</i> lipase on hydrophobic/strong cation-exchange functional silica particles for biocatalytic synthesis of phytosterol esters. <i>Bioresource Technology</i> , 2012, 115, 141-146.	9.6	69
85	Facile synthesis of magnetic carbon nitride nanosheets and its application in magnetic solid phase extraction for polycyclic aromatic hydrocarbons in edible oil samples. <i>Talanta</i> , 2016, 148, 46-53.	5.5	69
86	Virus-induced accumulation of intracellular bile acids activates the TGR5-Î²-arrestin-SRC axis to enable innate antiviral immunity. <i>Cell Research</i> , 2019, 29, 193-205.	12.0	69
87	Stir rod sorptive extraction with monolithic polymer as coating and its application to the analysis of fluoroquinolones in honey sample. <i>Journal of Chromatography A</i> , 2010, 1217, 3583-3589.	3.7	68
88	Three-Dimensional Scaffold Chip with Thermosensitive Coating for Capture and Reversible Release of Individual and Cluster of Circulating Tumor Cells. <i>Analytical Chemistry</i> , 2017, 89, 7924-7932.	6.5	68
89	Low-cost humic acid-bonded silica as an effective solid-phase extraction sorbent for convenient determination of aflatoxins in edible oils. <i>Analytica Chimica Acta</i> , 2017, 970, 38-46.	5.4	67
90	Hybrid organic-inorganic phenyl monolithic column for capillary electrochromatography. <i>Electrophoresis</i> , 2005, 26, 2935-2941.	2.4	66

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91	Polymer monolith microextraction with in situ derivatization and its application to high-performance liquid chromatography determination of hexanal and heptanal in plasma. <i>Journal of Chromatography A</i> , 2007, 1160, 114-119.	3.7	66
92	Determination of Endogenous Brassinosteroids in Plant Tissues Using Solid-phase Extraction with Double Layered Cartridge Followed by High-performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Phytochemical Analysis</i> , 2013, 24, 386-394.	2.4	66
93	Increased N6-methyladenosine in Human Sperm RNA as a Risk Factor for Asthenozoospermia. <i>Scientific Reports</i> , 2016, 6, 24345.	3.3	64
94	Hydrophilic materials in sample pretreatment. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 86, 172-184.	11.4	64
95	Preparation of a TiO ₂ nanoparticle-deposited capillary column by liquid phase deposition and its application in phosphopeptide analysis. <i>Journal of Chromatography A</i> , 2008, 1192, 95-102.	3.7	63
96	Hybrid organic-inorganic silica monolith with hydrophobic/strong cation-exchange functional groups as a sorbent for micro-solid phase extraction. <i>Journal of Chromatography A</i> , 2009, 1216, 7739-7746.	3.7	63
97	Visual detection of melamine in milk samples based on label-free and labeled gold nanoparticles. <i>Talanta</i> , 2011, 85, 1013-1019.	5.5	63
98	Preparation and characterization of methacrylate-based monolith for capillary hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , 2012, 1230, 54-60.	3.7	63
99	Metal Oxide-Based Selective Enrichment Combined with Stable Isotope Labeling-Mass Spectrometry Analysis for Profiling of Ribose Conjugates. <i>Analytical Chemistry</i> , 2015, 87, 7364-7372.	6.5	63
100	Electrospun polystyrene/oxidized carbon nanotubes film as both sorbent for thin film microextraction and matrix for matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1351, 29-36.	3.7	62
101	4-Phenylaminomethyl-Benzeneboric Acid Modified Tip Extraction for Determination of Brassinosteroids in Plant Tissues by Stable Isotope Labeling-Liquid Chromatography-Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 1286-1293.	6.5	62
102	Poly(methacrylic acid-ethylene glycol dimethacrylate) monolith in-tube solid-phase microextraction applied to simultaneous analysis of some amphetamine derivatives in urine by capillary zone electrophoresis. <i>Electrophoresis</i> , 2005, 26, 3141-3150.	2.4	61
103	Chloramphenicol Extraction from Honey, Milk, and Eggs Using Polymer Monolith Microextraction Followed by Liquid Chromatography-Mass Spectrometry Determination. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 9279-9286.	5.2	61
104	A novel liquid-phase microextraction method combined with high performance liquid chromatography for analysis of phthalate esters in landfill leachates. <i>Analytica Chimica Acta</i> , 2008, 616, 42-48.	5.4	61
105	Derivatization for liquid chromatography-electrospray ionization-mass spectrometry analysis of small-molecular weight compounds. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 119, 115608.	11.4	61
106	Fabrication of enrofloxacin imprinted organic-inorganic hybrid mesoporous sorbent from nanomagnetic polyhedral oligomeric silsesquioxanes for the selective extraction of fluoroquinolones in milk samples. <i>Journal of Chromatography A</i> , 2014, 1361, 23-33.	3.7	60
107	Evaluating polymer monolith in-tube solid-phase microextraction coupled to liquid chromatography/quadrupole time-of-flight mass spectrometry for reliable quantification and confirmation of quinolone antibacterials in edible animal food. <i>Journal of Chromatography A</i> , 2009, 1216, 7510-7519.	3.7	59
108	Determination of Benzimidazole Residues in Edible Animal Food by Polymer Monolith Microextraction Combined with Liquid Chromatography-Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 112-119.	5.2	59

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109	Analysis of cytochrome P450 metabolites of arachidonic acid by stable isotope probe labeling coupled with ultra high-performance liquid chromatography/mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1410, 154-163.	3.7	59
110	Preparation of mesoporous ZrO ₂ -coated magnetic microsphere and its application in the multi-residue analysis of pesticides and PCBs in fish by GC-MS/MS. <i>Talanta</i> , 2015, 132, 118-125.	5.5	59
111	Metal oxides in sample pretreatment. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 80, 41-56.	11.4	59
112	Dispersive microextraction based on magnetic polypyrrole nanowires for the fast determination of pesticide residues in beverage and environmental water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4765-4776.	3.7	58
113	Sensitive Determination of Onco-metabolites of D- and L-2-hydroxyglutarate Enantiomers by Chiral Derivatization Combined with Liquid Chromatography/Mass Spectrometry Analysis. <i>Scientific Reports</i> , 2015, 5, 15217.	3.3	58
114	Stable isotope labeling $\delta^{13}C$ Liquid chromatography/mass spectrometry for quantitative analysis of androgenic and progestagenic steroids. <i>Analytica Chimica Acta</i> , 2016, 905, 106-114.	5.4	58
115	Induction of brain CYP2E1 by chronic ethanol treatment and related oxidative stress in hippocampus, cerebellum, and brainstem. <i>Toxicology</i> , 2012, 302, 275-284.	4.2	57
116	Hydrophilic Carboxyl Cotton Chelator for Titanium(IV) Immobilization and Its Application as Novel Fibrous Sorbent for Rapid Enrichment of Phosphopeptides. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17356-17362.	8.0	57
117	Analytical Methods for Deciphering RNA Modifications. <i>Analytical Chemistry</i> , 2019, 91, 743-756.	6.5	57
118	Determination of benzimidazole residues in animal tissue samples by combination of magnetic solid-phase extraction with capillary zone electrophoresis. <i>Talanta</i> , 2012, 89, 335-341.	5.5	56
119	Deciphering nucleic acid modifications by chemical derivatization-mass spectrometry analysis. <i>Chinese Chemical Letters</i> , 2019, 30, 1-6.	9.0	56
120	Synthesis of a carbon monolith with trimodal pores. <i>Carbon</i> , 2003, 41, 2677-2679.	10.3	55
121	A simple and rapid method for simultaneous determination of benzoic and sorbic acids in food using in-tube solid-phase microextraction coupled with high-performance liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 1779-1787.	3.7	55
122	Determination of cytokinins in plant samples by polymer monolith microextraction coupled with hydrophilic interaction chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2010, 2, 1676.	2.7	55
123	Determination of formylated DNA and RNA by chemical labeling combined with mass spectrometry analysis. <i>Analytica Chimica Acta</i> , 2017, 981, 1-10.	5.4	55
124	Preparation and characterization of perhydroxyl-cucurbit[6]uril bonded silica stationary phase for hydrophilic-interaction chromatography. <i>Talanta</i> , 2004, 64, 929-934.	5.5	54
125	Hydrophilic Material for the Selective Enrichment of 5-Hydroxymethylcytosine and Its Liquid Chromatography-Tandem Mass Spectrometry Detection. <i>Analytical Chemistry</i> , 2013, 85, 6129-6135.	6.5	54
126	Using pollen grains as novel hydrophilic solid-phase extraction sorbents for the simultaneous determination of 16 plant growth regulators. <i>Journal of Chromatography A</i> , 2014, 1367, 39-47.	3.7	54

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127	Stable isotope labeling assisted liquid chromatography–electrospray tandem mass spectrometry for quantitative analysis of endogenous gibberellins. <i>Talanta</i> , 2015, 144, 341-348.	5.5	54
128	Analysis of liposoluble carboxylic acids metabolome in human serum by stable isotope labeling coupled with liquid chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1460, 100-109.	3.7	54
129	<i>N</i> ⁶ -Hydroxymethyladenine: a hydroxylation derivative of <i>N</i> ⁶ -methyladenine in genomic DNA of mammals. <i>Nucleic Acids Research</i> , 2019, 47, 1268-1277.	14.5	54
130	Determination of camptothecin and 10-hydroxycamptothecin in human plasma using polymer monolithic in-tube solid phase microextraction combined with high-performance liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 204-210.	3.7	53
131	Humic acid-bonded silica as a novel sorbent for solid-phase extraction of benzo[a]pyrene in edible oils. <i>Analytica Chimica Acta</i> , 2007, 588, 261-267.	5.4	53
132	Facile preparation of organic-silica hybrid monolith for capillary hydrophilic liquid chromatography based on thiol-ene click chemistry. <i>Journal of Chromatography A</i> , 2013, 1284, 118-125.	3.7	53
133	Existence of Internal <i>N</i> ⁷ -Methylguanosine Modification in mRNA Determined by Differential Enzyme Treatment Coupled with Mass Spectrometry Analysis. <i>ACS Chemical Biology</i> , 2018, 13, 3243-3250.	3.4	53
134	Facile fabrication of reduced graphene oxide-encapsulated silica: A sorbent for solid-phase extraction. <i>Journal of Chromatography A</i> , 2013, 1299, 10-17.	3.7	52
135	Preparation of organic–inorganic hybrid silica monolith with octyl and sulfonic acid groups for capillary electrochromatography and application in determination of theophylline and caffeine in beverage. <i>Journal of Chromatography A</i> , 2010, 1217, 3547-3556.	3.7	51
136	Magnetic solid-phase extraction using magnetic hypercrosslinked polymer for rapid determination of illegal drugs in urine. <i>Journal of Separation Science</i> , 2011, 34, 3083-3091.	2.5	51
137	Immobilization of <i>Candida rugosa</i> lipase on magnetic poly(allyl glycidyl ether-co-ethylene glycol) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 74, 16-23.	1.8	51
138	Metabolic analysis of the melatonin biosynthesis pathway using chemical labeling coupled with liquid chromatography–mass spectrometry. <i>Journal of Pineal Research</i> , 2019, 66, e12531.	7.4	51
139	SHOBOX Modulates Root Meristem Size in Rice through Dose-Dependent Effects of Gibberellins on Cell Elongation and Proliferation. <i>PLoS Genetics</i> , 2015, 11, e1005464.	3.5	51
140	Zirconium arsenate-modified magnetic nanoparticles: preparation, characterization and application to the enrichment of phosphopeptides. <i>Analyst, The</i> , 2012, 137, 959-967.	3.5	50
141	AlkB Homologue 1 Demethylates <i>N</i> ³ -Methylcytidine in mRNA of Mammals. <i>ACS Chemical Biology</i> , 2019, 14, 1418-1425.	3.4	50
142	Ordered mesoporous silica coated capillary for in-tube solid phase microextraction coupled to high performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2005, 543, 1-8.	5.4	49
143	Determination of endocrine disruptors in environmental waters using poly(acrylamide-vinylpyridine) monolithic capillary for in-tube solid-phase microextraction coupled to high-performance liquid chromatography with fluorescence detection. <i>Analyst, The</i> , 2005, 130, 1065.	3.5	49
144	Preparation of a poly(<i>N</i> -isopropylacrylamide-co-ethylene dimethacrylate) monolithic capillary and its application for in-tube solid-phase microextraction coupled to high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2009, 32, 2592-2600.	2.5	49

#	ARTICLE	IF	CITATIONS
145	Determination of phenols in environmental water samples by two-step liquid-phase microextraction coupled with high performance liquid chromatography. <i>Talanta</i> , 2011, 85, 2581-2586.	5.5	49
146	Pseudomorphic synthesis of monodisperse magnetic mesoporous silica microspheres for selective enrichment of endogenous peptides. <i>Journal of Chromatography A</i> , 2012, 1224, 11-18.	3.7	49
147	A selective pretreatment method for determination of endogenous active brassinosteroids in plant tissues: double layered solid phase extraction combined with boronate affinity polymer monolith microextraction. <i>Plant Methods</i> , 2013, 9, 13.	4.3	49
148	Rapid and high-throughput determination of endogenous cytokinins in <i>Oryza sativa</i> by bare Fe ₃ O ₄ nanoparticles-based magnetic solid-phase extraction. <i>Journal of Chromatography A</i> , 2014, 1340, 146-150.	3.7	49
149	Recent advances in the analysis of 5-methylcytosine and its oxidation products. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 54, 24-35.	11.4	49
150	Preparation and evaluation of hydroxylated poly(glycidyl methacrylate-co-ethylene dimethacrylate) monolithic capillary for in-tube solid-phase microextraction coupled to high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2007, 1160, 90-98.	3.7	48
151	An anionic exchange stir rod sorptive extraction based on monolithic material for the extraction of non-steroidal anti-inflammatory drugs in environmental aqueous samples. <i>Talanta</i> , 2011, 86, 103-108.	5.5	48
152	Spectroscopic observation of iodosylarene metalloporphyrin adducts and manganese(V)-oxo porphyrin species in a cytochrome P450 analogue. <i>Nature Communications</i> , 2012, 3, 1190.	12.8	48
153	Profiling of cis-Diol-containing Nucleosides and Ribosylated Metabolites by Boronate-affinity Organic-silica Hybrid Monolithic Capillary Liquid Chromatography/Mass Spectrometry. <i>Scientific Reports</i> , 2015, 5, 7785.	3.3	48
154	Profiling of phytohormones in rice under elevated cadmium concentration levels by magnetic solid-phase extraction coupled with liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1406, 78-86.	3.7	48
155	Establishment of Liquid Chromatography Retention Index Based on Chemical Labeling for Metabolomic Analysis. <i>Analytical Chemistry</i> , 2018, 90, 8412-8420.	6.5	48
156	Electrospinning-based synthesis of highly ordered mesoporous silica fiber for lab-in-syringe enrichment of plasma peptides. <i>Chemical Communications</i> , 2012, 48, 9980.	4.1	47
157	Overexpression of AtDREB1A Causes a Severe Dwarf Phenotype by Decreasing Endogenous Gibberellin Levels in Soybean [<i>Glycine max</i> (L.) Merr.]. <i>PLoS ONE</i> , 2012, 7, e45568.	2.5	47
158	Preparation of methacrylate-based monolith for capillary hydrophilic interaction chromatography and its application in determination of nucleosides in urine. <i>Journal of Chromatography A</i> , 2012, 1228, 183-192.	3.7	47
159	Rapid and high-throughput determination of cationic surfactants in environmental water samples by automated on-line polymer monolith microextraction coupled to high performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 3588-3594.	3.7	46
160	Online profiling of triacylglycerols in plant oils by two-dimensional liquid chromatography using a single column coupled with atmospheric pressure chemical ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1312, 69-79.	3.7	46
161	Karrikins delay soybean seed germination by mediating abscisic acid and gibberellin biogenesis under shaded conditions. <i>Scientific Reports</i> , 2016, 6, 22073.	3.3	46
162	Integration of auxin/indole-3-acetic acid 17 and RGA-LIKE3 confers salt stress resistance through stabilization by nitric oxide in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2017, 68, 1239-1249.	4.8	46

#	ARTICLE	IF	CITATIONS
163	Porphyrin-based magnetic nanocomposites for efficient extraction of polycyclic aromatic hydrocarbons from water samples. <i>Journal of Chromatography A</i> , 2018, 1540, 1-10.	3.7	46
164	Chiral derivatization coupled with liquid chromatography/mass spectrometry for determining ketone metabolites of hydroxybutyrate enantiomers. <i>Chinese Chemical Letters</i> , 2018, 29, 115-118.	9.0	46
165	On-line trapping/capillary hydrophilic-interaction liquid chromatography/mass spectrometry for sensitive determination of RNA modifications from human blood. <i>Chinese Chemical Letters</i> , 2019, 30, 553-557.	9.0	46
166	Liquid-phase deposition of silica nanoparticles into a capillary for in-tube solid-phase microextraction coupled with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 2989-2995.	3.7	45
167	Determination of hexanal and heptanal in human urine using magnetic solid phase extraction coupled with in-situ derivatization by high performance liquid chromatography. <i>Talanta</i> , 2015, 136, 54-59.	5.5	45
168	Profiling of carbonyl compounds in serum by stable isotope labeling - Double precursor ion scan - Mass spectrometry analysis. <i>Analytica Chimica Acta</i> , 2017, 967, 42-51.	5.4	45
169	Highly sensitive determination of fatty acid esters of hydroxyl fatty acids by liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1061-1062, 34-40.	2.3	45
170	A template method to control the shape and porosity of carbon materials. <i>Carbon</i> , 2004, 42, 1677-1682.	10.3	44
171	Combining poly (methacrylic acid-co-ethylene glycol dimethacrylate) monolith microextraction and on-line pre-concentration-capillary electrophoresis for analysis of ephedrine and pseudoephedrine in human plasma and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 850, 38-44.	2.3	44
172	Borated Titania, a New Option for the Selective Enrichment of <i>cis</i> -Diol Biomolecules. <i>Chemistry - A European Journal</i> , 2013, 19, 606-612.	3.3	44
173	Magnetic solid phase extraction coupled with in situ derivatization for the highly sensitive determination of acidic phytohormones in rice leaves by UPLC-MS/MS. <i>Analyst, The</i> , 2014, 139, 5605-5613.	3.5	44
174	Spatio-temporal profiling of abscisic acid, indoleacetic acid and jasmonic acid in single rice seed during seed germination. <i>Analytica Chimica Acta</i> , 2018, 1031, 119-127.	5.4	44
175	HPLC separation of positional isomers on a dodecylamine-N, N-dimethylenephosphonic acid modified zirconia stationary phase. <i>Talanta</i> , 2004, 64, 244-251.	5.5	43
176	Use of isotope mass probes for metabolic analysis of the jasmonate biosynthetic pathway. <i>Analyst, The</i> , 2011, 136, 1515.	3.5	43
177	Lipase Immobilization on Hyper-Cross-Linked Polymer-Coated Silica for Biocatalytic Synthesis of Phytosterol Esters with Controllable Fatty Acid Composition. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 231-237.	5.2	43
178	Stable isotope labeling combined with liquid chromatography-tandem mass spectrometry for comprehensive analysis of short-chain fatty acids. <i>Analytica Chimica Acta</i> , 2019, 1070, 51-59.	5.4	43
179	Isotope labelling "paired homologous double neutral loss scan-mass spectrometry for profiling of metabolites with a carboxyl group. <i>Analyst, The</i> , 2014, 139, 3446-3454.	3.5	42
180	Preparation and characterization of an L-tyrosine-derivatized β -cyclodextrin-bonded silica stationary phase for liquid chromatography. <i>Analytica Chimica Acta</i> , 2000, 403, 187-195.	5.4	41

#	ARTICLE	IF	CITATIONS
181	Preparation and characterization of a p-tert-butyl-calix[6]-1,4-benzocrown-4-bonded silica gel stationary phase for liquid chromatography. <i>Journal of Chromatography A</i> , 2004, 1040, 53-61.	3.7	41
182	Synthesis of a silica monolith with textural pores and ordered mesopores. <i>Microporous and Mesoporous Materials</i> , 2004, 68, 55-59.	4.4	41
183	Preparation of magnetic poly(diethyl vinylphosphonate-co-ethylene glycol dimethacrylate) for the determination of chlorophenols in water samples. <i>Journal of Chromatography A</i> , 2012, 1265, 24-30.	3.7	41
184	Facile one-pot synthesis of a aptamer-based organic-silica hybrid monolithic capillary column by α -thiol-ene-click chemistry for detection of enantiomers of chemotherapeutic anthracyclines. <i>Analyst</i> , 2014, 139, 4940-4946.	3.5	41
185	Chemical tagging for sensitive determination of uridine modifications in RNA. <i>Chemical Science</i> , 2020, 11, 1878-1891.	7.4	41
186	Preparation and evaluation of zirconia-coated silica monolith for capillary electrochromatography. <i>Talanta</i> , 2004, 63, 593-598.	5.5	40
187	Facile Preparation of Biocompatible Sulfhydryl Cotton Fiber-Based Sorbents by α -Thiol-ene-Click Chemistry for Biological Analysis. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17857-17864.	8.0	40
188	Synthesis of Polyethylenimine Functionalized Mesoporous Silica for In-Pipet-Tip Phosphopeptide Enrichment. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32182-32188.	8.0	40
189	Formation and Determination of Endogenous Methylated Nucleotides in Mammals by Chemical Labeling Coupled with Mass Spectrometry Analysis. <i>Analytical Chemistry</i> , 2017, 89, 4153-4160.	6.5	40
190	High performance liquid chromatography with cyclodextrin and calixarene macrocycle bonded silica stationary phases for separation of steroids. <i>Talanta</i> , 2005, 66, 479-486.	5.5	39
191	Sol-gel zirconia coating capillary microextraction on-line hyphenated with inductively coupled plasma mass spectrometry for the determination of Cr, Cu, Cd and Pb in biological samples. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3527-3534.	1.5	39
192	Multiresidue determination of (fluoro)quinolone antibiotics in chicken by polymer monolith microextraction and field-amplified sample stacking procedures coupled to CE-UV. <i>Talanta</i> , 2010, 82, 1562-1570.	5.5	39
193	Automated analysis of non-steroidal anti-inflammatory drugs in human plasma and water samples by in-tube solid-phase microextraction coupled to liquid chromatography-mass spectrometry based on a poly(4-vinylpyridine-co-ethylene dimethacrylate) monolith. <i>Analytical Methods</i> , 2012, 4, 1538.	2.7	39
194	Dispersive microextraction based on water-coated Fe ₃ O ₄ followed by gas chromatography-mass spectrometry for determination of 3-monochloropropane-1,2-diol in edible oils. <i>Journal of Chromatography A</i> , 2012, 1240, 45-51.	3.7	39
195	Rapid Magnetic Solid-Phase Extraction Based on Monodisperse Magnetic Single-Crystal Ferrite Nanoparticles for the Determination of Free Fatty Acid Content in Edible Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 76-83.	5.2	39
196	Magnetic graphitic carbon nitride anion exchanger for specific enrichment of phosphopeptides. <i>Journal of Chromatography A</i> , 2016, 1437, 137-144.	3.7	39
197	Heavy Metals Induce Decline of Derivatives of 5-Methylcytosine in Both DNA and RNA of Stem Cells. <i>ACS Chemical Biology</i> , 2017, 12, 1636-1643.	3.4	39
198	Determination of telmisartan in rat tissues by in-tube solid-phase microextraction coupled to high performance liquid chromatography. <i>Journal of Separation Science</i> , 2006, 29, 650-655.	2.5	38

#	ARTICLE	IF	CITATIONS
199	Development of in-tube solid-phase microextraction coupled to pressure-assisted CEC and its application to the analysis of propranolol enantiomers in human urine. <i>Electrophoresis</i> , 2007, 28, 2771-2780.	2.4	38
200	Quantitative Mass Spectrometry Combined with Separation and Enrichment of Phosphopeptides by Titania Coated Magnetic Mesoporous Silica Microspheres for Screening of Protein Kinase Inhibitors. <i>Analytical Chemistry</i> , 2012, 84, 2284-2291.	6.5	38
201	Rapid determination of endogenous cytokinins in plant samples by combination of magnetic solid phase extraction with hydrophilic interaction chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 891-892, 27-35.	2.3	38
202	Magnetic graphene as modified quick, easy, cheap, effective, rugged and safe adsorbent for the determination of organochlorine pesticide residues in tobacco. <i>Journal of Chromatography A</i> , 2015, 1406, 1-9.	3.7	38
203	Modificaomics: deciphering the functions of biomolecule modifications. <i>Science China Chemistry</i> , 2018, 61, 381-392.	8.2	38
204	Modified nucleoside triphosphates exist in mammals. <i>Chemical Science</i> , 2018, 9, 4160-4167.	7.4	38
205	OsMADS18, a membrane-bound MADS-box transcription factor, modulates plant architecture and the abscisic acid response in rice. <i>Journal of Experimental Botany</i> , 2019, 70, 3895-3909.	4.8	38
206	Separation of positional isomers by cucurbit[7]uril-mediated capillary electrophoresis. <i>Electrophoresis</i> , 2004, 25, 3300-3306.	2.4	37
207	Analysis of Hexanal and Heptanal in Human Blood by Simultaneous Derivatization and Dispersive Liquid-Liquid Microextraction then LC-APCI-MS-MS. <i>Chromatographia</i> , 2009, 70, 775-781.	1.3	37
208	Rapid determination of δ^9 -Tetrahydrocannabinol in saliva by polymer monolith microextraction combined with gas chromatography-mass spectrometry. <i>Talanta</i> , 2009, 77, 1701-1706.	5.5	37
209	Pentagon-Fused Hollow Fullerene in C78 Family Retrieved by Chlorination. <i>Journal of the American Chemical Society</i> , 2010, 132, 12648-12652.	13.7	37
210	Application of liquid phase deposited titania nanoparticles on silica spheres to phosphopeptide enrichment and high performance liquid chromatography packings. <i>Journal of Chromatography A</i> , 2011, 1218, 2944-2953.	3.7	37
211	Alterations of Mitochondrial Protein Assembly and Jasmonic Acid Biosynthesis Pathway in Honglian (HL)-type Cytoplasmic Male Sterility Rice. <i>Journal of Biological Chemistry</i> , 2012, 287, 40051-40060.	3.4	37
212	Use of Pollen Solid-Phase Extraction for the Determination of <i>trans</i> -Resveratrol in Peanut Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4771-4776.	5.2	37
213	Facile synthesis of polyaniline-coated SiO ₂ nanofiber and its application in enrichment of fluoroquinolones from honey samples. <i>Talanta</i> , 2015, 140, 29-35.	5.5	37
214	Quantification of 1-hydroxypyrene in undiluted human urine samples using magnetic solid-phase extraction coupled with internal extractive electrospray ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 926, 72-78.	5.4	37
215	Improved methodology for analysis of multiple phytohormones using sequential magnetic solid-phase extraction coupled with liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2017, 983, 112-120.	5.4	37
216	Comprehensive Profiling of Phytohormones in Honey by Sequential Liquid-Liquid Extraction Coupled with Liquid Chromatography-Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 575-585.	5.2	37

#	ARTICLE	IF	CITATIONS
217	Preparation and evaluation of p-tert-butyl-calix[4]arene-bonded silica stationary phases for high performance liquid chromatography. <i>Chromatographia</i> , 1999, 49, 643-648.	1.3	36
218	TiO ₂ -Based Solid Phase Extraction Strategy for Highly Effective Elimination of Normal Ribonucleosides before Detection of 2-Deoxynucleosides/Low-Abundance 2-Modified Ribonucleosides. <i>Analytical Chemistry</i> , 2013, 85, 10512-10518.	6.5	36
219	Preparation of titanium-grafted magnetic mesoporous silica for the enrichment of endogenous serum phosphopeptides. <i>Journal of Chromatography A</i> , 2013, 1315, 61-69.	3.7	36
220	Facile synthesis of a boronate affinity sorbent from mesoporous nanomagnetic polyhedral oligomeric silsesquioxanes composite and its application for enrichment of catecholamines in human urine. <i>Analytica Chimica Acta</i> , 2016, 944, 1-13.	5.4	36
221	Nickel Oxide Nanoparticle-Deposited Silica Composite Solid-Phase Extraction for Benzimidazole Residue Analysis in Milk and Eggs by Liquid Chromatography-Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 356-363.	5.2	36
222	A liquid chromatography-mass spectrometry method based on post column derivatization for automated analysis of urinary hexanal and heptanal. <i>Journal of Chromatography A</i> , 2017, 1493, 57-63.	3.7	36
223	Adolescent alcohol exposure alters DNA and RNA modifications in peripheral blood by liquid chromatography-tandem mass spectrometry analysis. <i>Chinese Chemical Letters</i> , 2022, 33, 2086-2090.	9.0	36
224	In-capillary solid-phase extraction-capillary electrophoresis for the determination of chlorophenols in water. <i>Electrophoresis</i> , 2006, 27, 3224-3232.	2.4	35
225	Preparation of pH-responsive stationary phase for reversed-phase liquid chromatography and hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , 2008, 1212, 61-67.	3.7	35
226	Preparation of magnetic polymer material with phosphate group and its application to the enrichment of phosphopeptides. <i>Journal of Chromatography A</i> , 2011, 1218, 3845-3853.	3.7	35
227	Sequential solvent induced phase transition extraction for profiling of endogenous phytohormones in plants by liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1004, 23-29.	2.3	35
228	Profiling of aldehyde-containing compounds by stable isotope labelling-assisted mass spectrometry analysis. <i>Analyst</i> , 2015, 140, 5276-5286.	3.5	35
229	Cortical microtubule disorganized related to an endogenous gibberellin increase plays an important role in rice mesocotyl elongation. <i>Plant Biotechnology</i> , 2016, 33, 59-69.	1.0	35
230	Determination of thiol metabolites in human urine by stable isotope labeling in combination with pseudo-targeted mass spectrometry analysis. <i>Scientific Reports</i> , 2016, 6, 21433.	3.3	35
231	Characterization and evaluation of magnesia-zirconia supports for normal-phase liquid chromatography. <i>Chromatographia</i> , 1999, 50, 654-660.	1.3	34
232	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.	3.7	34
233	Tuning the Reactivity of Radical through a Triplet Diradical Cu(II) Intermediate in Radical Oxidative Cross-Coupling. <i>Scientific Reports</i> , 2015, 5, 15934.	3.3	34
234	A rapid approach to investigate spatiotemporal distribution of phytohormones in rice. <i>Plant Methods</i> , 2016, 12, 47.	4.3	34

#	ARTICLE	IF	CITATIONS
235	Synthesis and characterization of hierarchically porous silica microspheres with penetrable macropores and tunable mesopores. <i>Microporous and Mesoporous Materials</i> , 2008, 116, 701-704.	4.4	33
236	Carbon monolith: Preparation, characterization and application as microextraction fiber. <i>Journal of Chromatography A</i> , 2009, 1216, 5333-5339.	3.7	33
237	Determination of 5-Hydroxymethylfurfural Using Derivatization Combined with Polymer Monolith Microextraction by High-Performance Liquid Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 3981-3988.	5.2	33
238	Polymer monolith microextraction combined with electrothermal vaporization inductively coupled plasma mass spectrometry for the determination of trace Cd, Tl, and Pb in human serum and urine. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 76-82.	3.0	33
239	Combining poly (methacrylic acid-co-ethylene glycol dimethacrylate) monolith microextraction and octadecyl phosphonic acid-modified zirconia-coated CEC with field-enhanced sample injection for analysis of antidepressants in human plasma and urine. <i>Electrophoresis</i> , 2010, 31, 714-723.	2.4	33
240	Improved methodology for assaying brassinosteroids in plant tissues using magnetic hydrophilic material for both extraction and derivatization. <i>Plant Methods</i> , 2014, 10, 39.	4.3	33
241	Screening of oil sources by using comprehensive two-dimensional gas chromatography/time-of-flight mass spectrometry and multivariate statistical analysis. <i>Journal of Chromatography A</i> , 2015, 1380, 162-170.	3.7	33
242	A mixed-function-grafted magnetic mesoporous hollow silica microsphere immobilized lipase strategy for ultrafast transesterification in a solvent-free system. <i>RSC Advances</i> , 2015, 5, 43074-43080.	3.6	33
243	Enzymatic deacidification of the rice bran oil and simultaneous preparation of phytosterol esters-enriched functional oil catalyzed by immobilized lipase arrays. <i>RSC Advances</i> , 2015, 5, 70073-70079.	3.6	33
244	DNA hydroxymethylation age of human blood determined by capillary hydrophilic-interaction liquid chromatography/mass spectrometry. <i>Clinical Epigenetics</i> , 2015, 7, 72.	4.1	33
245	Determination of endogenous brassinosteroids using sequential magnetic solid phase extraction followed by in situ derivatization/desorption method coupled with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1446, 103-113.	3.7	33
246	Simultaneous Determination of Multiclass Phytohormones in Submilligram Plant Samples by One-Pot Multifunctional Derivatization-Assisted Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 3492-3499.	6.5	33
247	Study on the chromatographic behavior of water-soluble vitamins on p-tert-butyl-calix[8]arene-bonded silica gel stationary phase by HPLC. <i>Talanta</i> , 2004, 64, 373-379.	5.5	32
248	Extraction of clenbuterol from urine using hydroxylated poly(glycidyl) ether-coated silica gel stationary phase by high-performance liquid chromatography determination. <i>Journal of Separation Science</i> , 2007, 30, 2874-2880.	2.5	32
249	Polymer monolith microextraction online coupled to hydrophilic interaction chromatography/mass spectrometry for analysis of Î² ₂ -agonist in human urine. <i>Journal of Separation Science</i> , 2009, 32, 1965-1974.	2.5	32
250	Synthesis of penetrable macroporous silica spheres for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 7388-7393.	3.7	32
251	Temperature-response polymer coating for in-tube solid-phase microextraction coupled to high-performance liquid chromatography. <i>Talanta</i> , 2011, 84, 1019-1025.	5.5	32
252	Magnetic one-step quick, easy, cheap, effective, rugged and safe method for the fast determination of pesticide residues in freshly squeezed juice. <i>Journal of Chromatography A</i> , 2015, 1398, 1-10.	3.7	32

#	ARTICLE	IF	CITATIONS
253	Analytical methods for locating modifications in nucleic acids. Chinese Chemical Letters, 2019, 30, 1618-1626.	9.0	32
254	On-line selective solid-phase extraction of 4-nitrophenol with β -cyclodextrin bonded silica. Analytica Chimica Acta, 2003, 484, 145-153.	5.4	31
255	Determination of eight illegal drugs in human urine by combination of magnetic solid-phase extraction with capillary zone electrophoresis. Electrophoresis, 2011, 32, 2099-2106.	2.4	31
256	Preparation of a novel carboxyl stationary phase by α -ethiol-ene click chemistry for hydrophilic interaction chromatography. Journal of Separation Science, 2013, 36, 2571-2577.	2.5	31
257	A Simple, Rapid Method for Determination of Melatonin in Plant Tissues by UPLC Coupled with High Resolution Orbitrap Mass Spectrometry. Frontiers in Plant Science, 2017, 8, 64.	3.6	31
258	Quantification and mapping of DNA modifications. RSC Chemical Biology, 2021, 2, 1096-1114.	4.1	31
259	Site-specific quantification of 5-carboxylcytosine in DNA by chemical conversion coupled with ligation-based PCR. Chinese Chemical Letters, 2021, 32, 3426-3430.	9.0	31
260	Rapid determination of aristolochic acid I and II in medicinal plants with high sensitivity by cucurbit[7]uril-modifier capillary zone electrophoresis. Talanta, 2008, 74, 619-624.	5.5	30
261	Downregulation of the FTO m6A RNA demethylase promotes EMT-mediated progression of epithelial tumors and sensitivity to Wnt inhibitors. Nature Cancer, 2021, 2, 611-628.	13.2	30
262	Comprehensive profiling and evaluation of the alteration of RNA modifications in thyroid carcinoma by liquid chromatography-tandem mass spectrometry. Chinese Chemical Letters, 2022, 33, 3772-3776.	9.0	30
263	Preparation and Characterization of Zirconia-Silica and Zirconia-Magnesia Supports for Normal-Phase Liquid Chromatography.. Analytical Sciences, 1999, 15, 767-772.	1.6	29
264	Rapid enrichment of phosphopeptides by SiO ₂ -TiO ₂ composite fibers. Analyst, The, 2013, 138, 5495.	3.5	29
265	Single-Nucleotide Resolution Analysis of 5-Hydroxymethylcytosine in DNA by Enzyme-Mediated Deamination in Combination with Sequencing. Analytical Chemistry, 2018, 90, 14622-14628.	6.5	29
266	Determination of RNA Hydroxymethylation in Mammals by Mass Spectrometry Analysis. Analytical Chemistry, 2019, 91, 10477-10483.	6.5	29
267	Assessment of DNA Epigenetic Modifications. Chemical Research in Toxicology, 2020, 33, 695-708.	3.3	29
268	On-Site and Quantitative Detection of Trace Methamphetamine in Urine/Serum Samples with a Surface-Enhanced Raman Scattering-Active Microcavity and Rapid Pretreatment Device. Analytical Chemistry, 2020, 92, 13539-13549.	6.5	29
269	Physiological and metabolomic responses of bermudagrass (<i>Cynodon dactylon</i>) to alkali stress. Physiologia Plantarum, 2021, 171, 22-33.	5.2	29
270	Direct decarboxylation of ten-eleven translocation-produced 5-carboxylcytosine in mammalian genomes forms a new mechanism for active DNA demethylation. Chemical Science, 2021, 12, 11322-11329.	7.4	29

#	ARTICLE	IF	CITATIONS
271	High performance liquid chromatography of aromatic carboxylic acids on p-tert-butyl-calix[8]arene-bonded silica gel stationary phase. <i>Talanta</i> , 2004, 62, 643-648.	5.5	28
272	Studies on the chromatographic behavior of nucleosides and bases on p-tert-butyl-calix[8]arene-bonded silica gel stationary phase by HPLC. <i>Talanta</i> , 2004, 63, 433-441.	5.5	28
273	Multiresidue analysis of β -agonists in pork by coupling polymer monolith microextraction to electrospray quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2895-2904.	1.5	28
274	Rapid and sensitive detection of fipronil and its metabolites in edible oils by solid-phase extraction based on humic acid bonded silica combined with gas chromatography with electron capture detection. <i>Journal of Separation Science</i> , 2016, 39, 2196-2203.	2.5	28
275	Existence of Diverse Modifications in Small RNA Species Composed of 16 Nucleotides. <i>Chemistry - A European Journal</i> , 2018, 24, 9949-9956.	3.3	28
276	Phosphatidylinositol-specific phospholipase C2 functions in auxin-modulated root development. <i>Plant, Cell and Environment</i> , 2019, 42, 1441-1457.	5.7	28
277	Separation and purification of phosphatidylcholine and phosphatidylethanolamine from soybean degummed oil residues by using solvent extraction and column chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 798, 323-331.	2.3	27
278	Preparation of a sulfonated fused-silica capillary and its application in capillary electrophoresis and electrochromatography. <i>Journal of Chromatography A</i> , 2004, 1033, 161-166.	3.7	27
279	Magnetic solid phase extraction coupled with desorption corona beam ionization-mass spectrometry for rapid analysis of antidepressants in human body fluids. <i>Analyst</i> , 2015, 140, 5662-5670.	3.5	27
280	Stable isotope labeling-solid phase extraction-mass spectrometry analysis for profiling of thiols and aldehydes in beer. <i>Food Chemistry</i> , 2017, 237, 399-407.	8.2	27
281	The formation of cucurbit[n]uril (n = 6, 7) complexes with amino compounds in aqueous formic acid studied by capillary electrophoresis. <i>Electrophoresis</i> , 2005, 26, 2214-2224.	2.4	26
282	Simultaneous determination of 5-hydroxyindoles and catechols from urine using polymer monolith microextraction coupled to high-performance liquid chromatography with fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1847-1855.	2.3	26
283	A simple sample preparation approach based on hydrophilic solid-phase extraction coupled with liquid chromatography-tandem mass spectrometry for determination of endogenous cytokinins. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 942-943, 31-36.	2.3	26
284	Old-metal oxide affinity chromatography as a novel strategy for specific capture of cis-diol-containing compounds. <i>Journal of Chromatography A</i> , 2014, 1361, 100-107.	3.7	26
285	Diazo Reagent Labeling with Mass Spectrometry Analysis for Sensitive Determination of Ribonucleotides in Living Organisms. <i>Analytical Chemistry</i> , 2020, 92, 2301-2309.	6.5	26
286	Preparation and Evaluation of p-tert-Butyl-calix[8]arene-bonded Silica Stationary Phase for High Performance Liquid Chromatography. <i>Analytical Letters</i> , 2000, 33, 3355-3372.	1.8	25
287	Capillary electrophoresis and open tubular capillary electrochromatography using a magnesia-zirconia coated capillary. <i>Analytica Chimica Acta</i> , 2001, 428, 255-263.	5.4	25
288	Preparation of porous carbon-silica composite monoliths. <i>Carbon</i> , 2003, 41, 2668-2670.	10.3	25

#	ARTICLE	IF	CITATIONS
289	Perphenylcarbamoylated β -cyclodextrin bonded-silica particles as chiral stationary phase for enantioseparation by pressure-assisted capillary electrochromatography. <i>Electrophoresis</i> , 2006, 27, 3057-3065.	2.4	25
290	A novel covalent coupling method for coating of capillaries with liposomes in capillary electrophoresis. <i>Electrophoresis</i> , 2008, 29, 3825-3833.	2.4	25
291	5-Methylcytosine and Its Derivatives. <i>Advances in Clinical Chemistry</i> , 2014, 67, 151-187.	3.7	25
292	Coupling carbon nanotube film microextraction with desorption corona beam ionization for rapid analysis of Sudan dyes (Iâ€“IV) and Rhodamine B in chilli oil. <i>Analyst, The</i> , 2015, 140, 1731-1738.	3.5	25
293	Nickel(II)-immobilized sulfhydryl cotton fiber for selective binding and rapid separation of histidine-tagged proteins. <i>Journal of Chromatography A</i> , 2015, 1405, 188-192.	3.7	25
294	Monitoring of Carbendazim and Thiabendazole in Fruits and Vegetables by SiO ₂ @NiO-Based Solid-Phase Extraction Coupled to High-Performance Liquid Chromatography-Fluorescence Detector. <i>Food Analytical Methods</i> , 2017, 10, 2892-2901.	2.6	25
295	Sensitive determination of brassinosteroids by solid phase boronate affinity labeling coupled with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1546, 10-17.	3.7	25
296	Highly Sensitive Determination for Catecholamines Using Boronate Affinity Polymer Monolith Microextraction with In-Situ Derivatization and HPLC Fluorescence Detection. <i>Chromatographia</i> , 2018, 81, 1381-1389.	1.3	25
297	Method to Calculate the Retention Index in Hydrophilic Interaction Liquid Chromatography Using Normal Fatty Acid Derivatives as Calibrants. <i>Analytical Chemistry</i> , 2019, 91, 6057-6063.	6.5	25
298	Quantitative Determination of Hydroxymethanesulfonate (HMS) Using Ion Chromatography and UHPLC-LTQ-Orbitrap Mass Spectrometry: A Missing Source of Sulfur during Haze Episodes in Beijing. <i>Environmental Science and Technology Letters</i> , 2020, 7, 701-707.	8.7	25
299	Mutagenic and Cytotoxic Properties of Oxidation Products of 5-Methylcytosine Revealed by Next-Generation Sequencing. <i>PLoS ONE</i> , 2013, 8, e72993.	2.5	25
300	Preparation and Characterization of a New <i>p</i> -tert-Butyl-calix[8]arene-bonded Stationary Phase for High-Performance Liquid Chromatography. <i>Analytical Sciences</i> , 2004, 20, 561-564.	1.6	24
301	Determination of aspartate and glutamate in rabbit retina using polymer monolith microextraction coupled to high-performance liquid chromatography with fluorescence detection. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 2035-2042.	3.7	24
302	Immobilized phospholipid capillary electrophoresis for study of drugâ€“membrane interactions and prediction of drug activity. <i>Talanta</i> , 2008, 75, 104-110.	5.5	24
303	Synthesis, characterization and application of magnetic-zirconia nanocomposites. <i>Journal of Non-Crystalline Solids</i> , 2009, 355, 922-925.	3.1	24
304	Methods of sample preparation for determination of veterinary residues in food matrices by porous monolith microextraction-based techniques. <i>Analytical Methods</i> , 2011, 3, 1246.	2.7	24
305	Rapid determination of polycyclic aromatic hydrocarbons in environmental water based on magnetite nanoparticles/polypyrrole magnetic solid-phase extraction. <i>Analytical Methods</i> , 2014, 6, 7046-7053.	2.7	24
306	The dioxygenase GIM2 functions in seed germination by altering gibberellin production in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2018, 60, 276-291.	8.5	24

#	ARTICLE	IF	CITATIONS
307	<scp>BIG</scp> regulates stomatal immunity and jasmonate production in Arabidopsis. <i>New Phytologist</i> , 2019, 222, 335-348.	7.3	24
308	Rapid and High-Throughput Determination of Melamine in Milk Products and Eggs by Full Automatic On-line Polymer Monolith Microextraction Coupled to High-Performance Liquid Chromatography. <i>Food Analytical Methods</i> , 2011, 4, 381-388.	2.6	23
309	Preparation of mesoporous silica embedded pipette tips for rapid enrichment of endogenous peptides. <i>Journal of Chromatography A</i> , 2013, 1316, 23-28.	3.7	23
310	Perovskite for the highly selective enrichment of phosphopeptides. <i>Journal of Chromatography A</i> , 2015, 1376, 143-148.	3.7	23
311	Electrospun Highly Ordered Mesoporous Silicaâ€“Carbon Composite Nanofibers for Rapid Extraction and Prefractionation of Endogenous Peptides. <i>Chemistry - A European Journal</i> , 2015, 21, 4450-4456.	3.3	23
312	Electrospun fibrous thin film microextraction coupled with desorption corona beam ionization-mass spectrometry for rapid analysis of antidepressants in human plasma. <i>Talanta</i> , 2016, 152, 188-195.	5.5	23
313	Liquid Chromatography-Mass Spectrometry for Analysis of RNA Adenosine Methylation. <i>Methods in Molecular Biology</i> , 2017, 1562, 33-42.	0.9	23
314	Overexpressing Exogenous 5-Enolpyruvylshikimate-3-Phosphate Synthase (EPSPS) Genes Increases Fecundity and Auxin Content of Transgenic Arabidopsis Plants. <i>Frontiers in Plant Science</i> , 2018, 9, 233.	3.6	23
315	Location analysis of 8-oxo-7,8-dihydroguanine in DNA by polymerase-mediated differential coding. <i>Chemical Science</i> , 2019, 10, 4272-4281.	7.4	23
316	Rapid magnetic solid-phase extraction based on alendronate sodium grafted mesoporous magnetic nanoparticle for the determination of trans-resveratrol in peanut oils. <i>Food Chemistry</i> , 2019, 279, 187-193.	8.2	23
317	In-Silico-Generated Library for Sensitive Detection of 2-Dimethylaminoethylamine Derivatized FAHFA Lipids Using High-Resolution Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 5960-5968.	6.5	23
318	Chemical Tagging Assisted Mass Spectrometry Analysis Enables Sensitive Determination of Phosphorylated Compounds in a Single Cell. <i>Analytical Chemistry</i> , 2021, 93, 6848-6856.	6.5	23
319	Preparation and Characterization of Alkylphosphonate-Modified Magnesia-Zirconia Composite for Reversed-Phase Liquid Chromatography.. <i>Analytical Sciences</i> , 2000, 16, 579-583.	1.6	22
320	Sample preparation and direct electrospray ionization on a tip column for rapid mass spectrometry analysis of complex samples. <i>Analyst, The</i> , 2012, 137, 4593.	3.5	22
321	Boronate affinity solid-phase extraction based on functionalized magnesiaâ€“zirconia composite for enrichment of nucleosides in human urine. <i>Analytical Methods</i> , 2013, 5, 1435.	2.7	22
322	Dispersive Microextraction Based on â€œMagnetic Waterâ€•Coupled to Gas Chromatography/Mass Spectrometry for the Fast Determination of Organophosphorus Pesticides in Cold-Pressed Vegetable Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 5397-5403.	5.2	22
323	Evaluation of serum phosphopeptides as potential cancer biomarkers by mass spectrometric absolute quantification. <i>Talanta</i> , 2014, 125, 411-417.	5.5	22
324	One-pot preparation of a mixed-mode organic-silica hybrid monolithic capillary column and its application in determination of endogenous gibberellins in plant tissues. <i>Journal of Chromatography A</i> , 2015, 1416, 64-73.	3.7	22

#	ARTICLE	IF	CITATIONS
325	Comprehensive profiling of ribonucleosides modification by affinity zirconium oxide-silica composite monolithic column online solid-phase microextraction – Mass spectrometry analysis. <i>Journal of Chromatography A</i> , 2016, 1462, 90-99.	3.7	22
326	Polyoxometalate incorporated polymer monolith microextraction for highly selective extraction of antidepressants in undiluted urine. <i>Talanta</i> , 2017, 170, 252-259.	5.5	22
327	Analysis of the Effects of Cr(VI) Exposure on mRNA Modifications. <i>Chemical Research in Toxicology</i> , 2019, 32, 2078-2085.	3.3	22
328	Mass spectrometry-based fecal metabolome analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 112, 161-174.	11.4	22
329	Identification and quantification of benzimidazole metabolites of thiophonate-methyl sprayed on celery cabbage using SiO ₂ @NiO solid-phase extraction in combination with HPLC-MS/MS. <i>Chinese Chemical Letters</i> , 2020, 31, 482-486.	9.0	22
330	Net-like mesoporous carbon nanocomposites for magnetic solid-phase extraction of sulfonamides prior to their quantitation by UPLC-HRMS. <i>Mikrochimica Acta</i> , 2020, 187, 112.	5.0	22
331	Sensitive and Simultaneous Determination of Uridine Thiolation and Hydroxylation Modifications in Eukaryotic RNA by Derivatization Coupled with Mass Spectrometry Analysis. <i>Analytical Chemistry</i> , 2021, 93, 6938-6946.	6.5	22
332	Identification of Inosine and 2-O ⁶ -Methylinosine Modifications in Yeast Messenger RNA by Liquid Chromatography–Tandem Mass Spectrometry Analysis. <i>Analytical Chemistry</i> , 2022, 94, 4747-4755.	6.5	22
333	Retention behavior of basic compounds on alkylphosphonate-modified magnesia-zirconia composite stationary phase in RPHPLC. <i>Chromatographia</i> , 2000, 52, 165-168.	1.3	21
334	High-performance liquid chromatography of sulfonamides and quinolones on p-tert-butyl-calix[6]arene-bonded silica gel stationary phase. <i>Talanta</i> , 2002, 56, 1141-1151.	5.5	21
335	In-syringe dispersive solid phase extraction: a novel format for electrospun fiber based microextraction. <i>Analyst</i> , 2014, 139, 6266-6271.	3.5	21
336	4-Plex Chemical Labeling Strategy Based on Cinchona Alkaloid-Derived Primary Amines for the Analysis of Chiral Carboxylic Acids by Liquid Chromatography-Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 11440-11446.	6.5	21
337	Transformation of 5-Carboxylcytosine to Cytosine Through C–C Bond Cleavage in Human Cells Constitutes a Novel Pathway for DNA Demethylation. <i>CCS Chemistry</i> , 2021, 3, 994-1008.	7.8	21
338	The use of liquid phase deposition prepared phosphonate grafted silica nanoparticle-deposited capillaries in the enrichment of phosphopeptides. <i>Journal of Separation Science</i> , 2010, 33, 1806-1815.	2.5	20
339	Preparation and characterization of ceria-zirconia composite for enrichment and identification of phosphopeptides. <i>Journal of Separation Science</i> , 2010, 33, 2361-2368.	2.5	20
340	Grafting of silica with a hydrophilic triol acrylamide polymer via surface-initiated –grafting from– method for hydrophilic–interaction chromatography. <i>Journal of Separation Science</i> , 2011, 34, 3123-3130.	2.5	20
341	Graft modification of cotton with phosphate group and its application to the enrichment of phosphopeptides. <i>Journal of Chromatography A</i> , 2017, 1484, 49-57.	3.7	20
342	Pyridoxal 5-phosphate mediated preparation of immobilized metal affinity material for highly selective and sensitive enrichment of phosphopeptides. <i>Journal of Chromatography A</i> , 2017, 1499, 30-37.	3.7	20

#	ARTICLE	IF	CITATIONS
343	Magnetic graphene solid-phase extraction in the determination of polycyclic aromatic hydrocarbons in water. <i>RSC Advances</i> , 2017, 7, 53720-53727.	3.6	20
344	Changes in Nutrient Profile and Antioxidant Activities of Different Fish Soups, Before and After Simulated Gastrointestinal Digestion. <i>Molecules</i> , 2018, 23, 1965.	3.8	20
345	Determination of cytidine modifications in human urine by liquid chromatography - Mass spectrometry analysis. <i>Analytica Chimica Acta</i> , 2019, 1081, 103-111.	5.4	20
346	Profiling of benzimidazoles and related metabolites in pig serum based on SiO ₂ @NiO solid-phase extraction combined precursor ion scan with high resolution orbitrap mass spectrometry. <i>Food Chemistry</i> , 2019, 284, 279-286.	8.2	20
347	Mass Spectrometry for Investigating the Effects of Toxic Metals on Nucleic Acid Modifications. <i>Chemical Research in Toxicology</i> , 2019, 32, 808-819.	3.3	20
348	Insights into the structure-performance relationships of extraction materials in sample preparation for chromatography. <i>Journal of Chromatography A</i> , 2021, 1637, 461822.	3.7	20
349	Novel dual methylation of cytidines in the RNA of mammals. <i>Chemical Science</i> , 2021, 12, 8149-8156.	7.4	20
350	The phyto melatonin receptor PMTR1 regulates seed development and germination by modulating abscisic acid homeostasis in <i>Arabidopsis thaliana</i> . <i>Journal of Pineal Research</i> , 2022, 72, .	7.4	20
351	Isolation and Identification of Process Impurities in Crude Valsartan by HPLC, Mass Spectrometry, and Nuclear Magnetic Resonance Spectroscopy. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006, 29, 553-568.	1.0	19
352	Sensitive determination of ultra-trace nitric oxide in blood using derivatization-polymer monolith microextraction coupled with reversed-phase high-performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2007, 591, 116-122.	5.4	19
353	Improved liquid-liquid microextraction method and its application to analysis of four phenolic compounds in water samples. <i>Journal of Chromatography A</i> , 2008, 1203, 7-12.	3.7	19
354	Preparation approaches of the coated capillaries with liposomes in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2010, 1217, 6979-6986.	3.7	19
355	Determination of Phytochelatins in Rice by Stable Isotope Labeling Coupled with Liquid Chromatography-Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 5935-5942.	5.2	19
356	Synthesis of tellurium nanosheet for use in matrix assisted laser desorption/ionization time-of-flight mass spectrometry of small molecules. <i>Mikrochimica Acta</i> , 2018, 185, 368.	5.0	19
357	In-Depth Annotation Strategy of Saturated Hydroxy Fatty Acids Based on Their Chromatographic Retention Behaviors and MS Fragmentation Patterns. <i>Analytical Chemistry</i> , 2020, 92, 14528-14535.	6.5	19
358	High-Performance Liquid Chromatography of some Bases and Nucleosides on Alkylphosphonate-Modified Magnesia-Zirconia Column. <i>Analytical Letters</i> , 1999, 32, 2761-2774.	1.8	18
359	CHROMATOGRAPHIC EVALUATION OF ALKYLPHOSPHONIC ACID-MODIFIED CERIA-ZIRCONIA IN REVERSED-PHASE HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2001, 24, 957-971.	1.0	18
360	Study on the preparation method and performance of a new β -cyclodextrin bonded silica stationary phase for liquid chromatography. <i>Analytica Chimica Acta</i> , 2005, 533, 89-95.	5.4	18

#	ARTICLE	IF	CITATIONS
361	A template method for the synthesis of hollow carbon fibers. <i>Microporous and Mesoporous Materials</i> , 2008, 116, 698-700.	4.4	18
362	Open Tubular Capillary Electrochromatographic Separation of Proteins and Peptides Using a TiO ₂ Nanoparticle-Deposited Capillary by Liquid Phase Deposition. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 2484-2498.	1.0	18
363	Glutamate affects the production of epoxyeicosanoids within the brain: The up-regulation of brain CYP2J through the MAPK-CREB signaling pathway. <i>Toxicology</i> , 2017, 381, 31-38.	4.2	18
364	Simultaneous determination of indole metabolites of tryptophan in rat feces by chemical labeling assisted liquid chromatography-tandem mass spectrometry. <i>Chinese Chemical Letters</i> , 2022, 33, 4746-4749.	9.0	18
365	Preparation and characterization of a magnesia/zirconia stationary phase modified with β -cyclodextrin for reversed-phase high-performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2004, 513, 481-492.	5.4	17
366	A facile route to a silica monolith with ordered mesopores and tunable through pores by using hydrophilic urea formaldehyde resin as a template. <i>Microporous and Mesoporous Materials</i> , 2007, 98, 303-308.	4.4	17
367	Preparation of a carbon monolith with bimodal perfusion pores. <i>Microporous and Mesoporous Materials</i> , 2008, 115, 618-623.	4.4	17
368	Coupling frontal elution paper chromatography with desorption corona beam ionization mass spectrometry for rapid analysis of chlorphenamine in herbal medicines and dietary supplements. <i>Journal of Chromatography A</i> , 2011, 1218, 7371-7376.	3.7	17
369	Preparation and chromatographic evaluation of a novel phosphate ester-bonded stationary phase with complexation and hydrophobic interactions retention mechanism. <i>Journal of Chromatography A</i> , 2013, 1302, 81-87.	3.7	17
370	Rapid magnetic solid-phase extraction based on magnetic graphitized carbon black for the determination of 1-naphthol and 2-naphthol in urine. <i>Microchemical Journal</i> , 2019, 147, 67-74.	4.5	17
371	Rapid Analysis of Monosaccharides in Sub-milligram Plant Samples Using Liquid Chromatography-Mass Spectrometry Assisted by Post-column Derivatization. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2588-2596.	5.2	17
372	Quantification and Single-Base Resolution Analysis of <i>N</i> ¹ -Methyladenosine in mRNA by Ligation-Assisted Differentiation. <i>Analytical Chemistry</i> , 2020, 92, 2612-2619.	6.5	17
373	FAHFA footprint in the visceral fat of mice across their lifespan. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158639.	2.4	17
374	Profiling of Branched Fatty Acid Esters of Hydroxy Fatty Acids in Teas and Their Potential Sources in Fermented Tea. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 5369-5376.	5.2	17
375	Bisulfite-free and single-nucleotide resolution sequencing of DNA epigenetic modification of 5-hydroxymethylcytosine using engineered deaminase. <i>Chemical Science</i> , 2022, 13, 7046-7056.	7.4	17
376	Nonaqueous capillary electrophoresis using a zirconia-coated capillary. <i>Analytica Chimica Acta</i> , 2004, 514, 179-184.	5.4	16
377	Preparation of pyrenebutyric acid bonded silica stationary phases for the application to the separation of fullerenes. <i>Journal of Chromatography A</i> , 2005, 1083, 23-31.	3.7	16
378	A new template for the synthesis of porous inorganic oxide monoliths. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 4003-4007.	3.1	16

#	ARTICLE	IF	CITATIONS
379	Dynamic NMR study and theoretical calculations on the conformational exchange of valsartan and related compounds. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 929-936.	1.9	16
380	Sensitive determination of nitric oxide in some rat tissues using polymer monolith microextraction coupled to high-performance liquid chromatography with fluorescence detection. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 939-946.	3.7	16
381	Preparation of phenothiazine bonded silica gel as sorbents of solid phase extraction and their application for determination of nitrobenzene compounds in environmental water by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 9314-9320.	3.7	16
382	Titanium-containing magnetic mesoporous silica spheres: Effective enrichment of peptides and simultaneous separation of nonphosphopeptides and phosphopeptides. <i>Journal of Separation Science</i> , 2012, 35, 1506-1513.	2.5	16
383	Preparation and chromatographic evaluation of zwitterionic stationary phases with controllable ratio of positively and negatively charged groups. <i>Talanta</i> , 2015, 141, 8-14.	5.5	16
384	Facial synthesis of nickel(II)-immobilized carboxyl cotton chelator for purification of histidine-tagged proteins. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1043, 122-127.	2.3	16
385	Preparation of polymer monolithic column functionalized by arsonic acid groups for mixed-mode capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2018, 1547, 21-28.	3.7	16
386	Simultaneous Determination of Abscisic Acid and Its Catabolites by Hydrophilic Solid-Phase Extraction Combined with Ultra High Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 10906-10912.	5.2	16
387	Profiling free fatty acids in edible oils via magnetic dispersive extraction and comprehensive two-dimensional gas chromatography-mass spectrometry. <i>Food Chemistry</i> , 2019, 297, 124998.	8.2	16
388	Glutamate affects the CYP1B1- and CYP2U1-mediated hydroxylation of arachidonic acid metabolism via astrocytic mGlu5 receptor. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 110, 111-121.	2.8	16
389	Sensitive analysis of multiple low-molecular-weight thiols in a single human cervical cancer cell by chemical derivatization-liquid chromatography-mass spectrometry. <i>Analyst, The</i> , 2019, 144, 6578-6585.	3.5	16
390	Chemical labeling assisted mass spectrometry analysis for sensitive detection of cytidine dual modifications in RNA of mammals. <i>Analytica Chimica Acta</i> , 2020, 1098, 56-65.	5.4	16
391	Capillary electrophoresis using zirconia-coated fused silica capillaries. <i>Journal of Separation Science</i> , 2001, 24, 62-66.	2.5	15
392	Nonaqueous capillary electrophoresis using a titania-coated capillary. <i>Journal of Chromatography A</i> , 2004, 1028, 165-170.	3.7	15
393	Frontal elution paper chromatography for ambient ionization mass spectrometry: analyzing powder samples. <i>Analytical Methods</i> , 2013, 5, 4105.	2.7	15
394	Development of C60-based labeling reagents for the determination of low-molecular-weight compounds by matrix assisted laser desorption ionization mass (I): Determination of amino acids in microliter biofluids. <i>Analytica Chimica Acta</i> , 2017, 960, 90-100.	5.4	15
395	A micro-solid phase extraction in glass pipette packed with amino-functionalized silica for rapid analysis of petroleum acids in crude oils. <i>RSC Advances</i> , 2017, 7, 40608-40614.	3.6	15
396	Immobilization of zirconium-glycerolate nanowires on magnetic nanoparticles for extraction of urinary ribonucleosides. <i>Mikrochimica Acta</i> , 2018, 185, 43.	5.0	15

#	ARTICLE	IF	CITATIONS
397	Profiling of potential brassinosteroids in different tissues of rape flower by stable isotope labeling - liquid chromatography/mass spectrometry analysis. <i>Analytica Chimica Acta</i> , 2018, 1037, 55-62.	5.4	15
398	High-performance liquid chromatography of some basic drugs on an-octadecylphosphonic acid modified magnesia-zirconia stationary phase. <i>Journal of Separation Science</i> , 2005, 28, 1577-1586.	2.5	14
399	Rapid and sensitive determination of Sudan dyes in hot chilli products by solid-phase extraction directly combined with time-of-flight mass spectrometry. <i>Analytical Methods</i> , 2011, 3, 1851.	2.7	14
400	Tandem Solid Phase Extraction Followed by Online Trappingâ€“Hydrophilic Interaction Chromatographyâ€“Tandem Mass Spectrometry for Sensitive Detection of Endogenous Cytokinins in Plant Tissues. <i>Phytochemical Analysis</i> , 2012, 23, 559-568.	2.4	14
401	Black phosphorus-assisted laser desorption ionization mass spectrometry for the determination of low-molecular-weight compounds in biofluids. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6223-6233.	3.7	14
402	Hydrothermally tailor-made chitosan fiber for micro-solid phase extraction of petroleum acids in crude oils. <i>Journal of Chromatography A</i> , 2018, 1564, 42-50.	3.7	14
403	Screening of amino acids in dried blood spots by stable isotope derivatization-liquid chromatography-electrospray ionization mass spectrometry. <i>Chinese Chemical Letters</i> , 2020, 31, 2423-2427.	9.0	14
404	Integration of Chemical Derivatization and in-Source Fragmentation Mass Spectrometry for High-Coverage Profiling of Submetabolomes. <i>Analytical Chemistry</i> , 2021, 93, 11321-11328.	6.5	14
405	DNAâ€“Protein Cross-Linking Sequencing for Genome-Wide Mapping of Thymidine Glycol. <i>Journal of the American Chemical Society</i> , 2022, 144, 454-462.	13.7	14
406	Evaluation of .BETA.-Cyclodextrin Bonded Silica as a Selective Sorbent for the Solid-Phase Extraction of 4-Nitrophenol and 2,4-Dinitrophenol. <i>Analytical Sciences</i> , 2003, 19, 709-714.	1.6	13
407	Biomimetic fabrication of hydroxyapatite-coated zirconiaâ€“magnesia composite and its application in the separation of proteins. <i>Talanta</i> , 2009, 80, 889-894.	5.5	13
408	Analysis of Pterins in Urine by HILIC. <i>Chromatographia</i> , 2010, 71, 761-768.	1.3	13
409	A robust sampling approach for identification and quantification of methyl jasmonate in leaf tissue of oilseed rape for analysis of early signaling in <i>Sclerotinia sclerotiorum</i> resistance. <i>Phytochemical Analysis</i> , 2010, 21, 290-297.	2.4	13
410	Preparation of a Hyperâ€“crossâ€“linked Polymer Monolithic Column and Its Application to the Sensitive Determination of Genomic DNA Methylation. <i>Chemistry - A European Journal</i> , 2013, 19, 1035-1041.	3.3	13
411	Determination of Pesticide Residues in Tobacco Using Modified QuEChERS Procedure Coupled to On-line Gel Permeation Chromatography-Gas Chromatography/ Tandem Mass Spectrometry. <i>Chinese Journal of Analytical Chemistry</i> , 2015, 43, 1538-1544.	1.7	13
412	Phosphonate-modified metal oxides for the highly selective enrichment of phosphopeptides. <i>RSC Advances</i> , 2015, 5, 7832-7841.	3.6	13
413	Sensitive analysis of trehalose-6-phosphate and related sugar phosphates in plant tissues by chemical derivatization combined with hydrophilic interaction liquid chromatographyâ€“tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1592, 82-90.	3.7	13
414	Two SLENDER AND CRINKLY LEAF dioxygenases play an essential role in rice shoot development. <i>Journal of Experimental Botany</i> , 2020, 71, 1387-1401.	4.8	13

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415	Metabolic profiling of organic acids in honey by stable isotope labeling assisted liquid chromatography-mass spectrometry. <i>Journal of Food Composition and Analysis</i> , 2020, 87, 103423.	3.9	13
416	High Coverage Profiling of Carboxylated Metabolites in HepG2 Cells Using Secondary Amine-Assisted Ultrahigh-Performance Liquid Chromatography Coupled to High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 1604-1611.	6.5	13
417	6-Thioguanine incorporates into RNA and induces adenosine-to-inosine editing in acute lymphoblastic leukemia cells. <i>Chinese Chemical Letters</i> , 2023, 34, 107181.	9.0	13
418	HPLC OF SOME NUCLEOSIDES AND BASES ON p-tert-BUTYL-CALIX[6]ARENE-BONDED SILICA GEL STATIONARY PHASE. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2001, 24, 2925-2942.	1.0	12
419	HPLC separation of fullerenes on the stationary phases of two Lewis bases modified magnesia-zirconia. <i>Analytica Chimica Acta</i> , 2005, 536, 39-48.	5.4	12
420	A meso-macroporous borosilicate monolith prepared by a sol-gel method. <i>Microporous and Mesoporous Materials</i> , 2012, 151, 250-254.	4.4	12
421	Preparation of a Novel Amino-Phosphate Zwitterionic Stationary Phase for Hydrophilic Interaction Chromatography. <i>Chromatographia</i> , 2013, 76, 1569-1576.	1.3	12
422	A facile approach for the polymer grafting of silica based on tandem reversible addition fragmentation chain transfer/click chemistry and its application in high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2014, 1351, 96-102.	3.7	12
423	Rapid and sensitive serum glucose determination using chemical labeling coupled with black phosphorus-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Talanta</i> , 2018, 176, 344-349.	5.5	12
424	Use of ammonium sulfite as a post-column derivatization reagent for rapid detection and quantification of aldehydes by LC-MS. <i>Talanta</i> , 2020, 206, 120172.	5.5	12
425	A Method for Simultaneous Determination of 14 Carbonyl-Steroid Hormones in Human Serum by Ultra High Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Analysis and Testing</i> , 2020, 4, 1-12.	5.1	12
426	Alternating Dual-Collision Energy Scanning Mass Spectrometry Approach: Discovery of Novel Microbial Bile-Acid Conjugates. <i>Analytical Chemistry</i> , 2022, 94, 2655-2664.	6.5	12
427	Mass spectrometry profiling analysis enables the identification of new modifications in ribosomal RNA. <i>Chinese Chemical Letters</i> , 2023, 34, 107531.	9.0	12
428	CAPILLARY ELECTROCHROMATOGRAPHY WITH ALKYLPHOSPHONATE-MODIFIED MAGNESIA-ZIRCONIA AS THE CHROMATOGRAPHIC SUPPORT MATERIAL. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2001, 24, 1881-1894.	1.0	11
429	Preparation and evaluation of n-octadecylphosphonic acid-modified magnesia-zirconia stationary phases for reversed-phase liquid chromatography. <i>Analytica Chimica Acta</i> , 2005, 542, 268-279.	5.4	11
430	Study of the magnesia additive on the characterization of zirconia-magnesia composite sphere. <i>Microporous and Mesoporous Materials</i> , 2006, 94, 34-39.	4.4	11
431	Facile synthesis of carbon monolith with bimodal mesopores. <i>Materials Chemistry and Physics</i> , 2006, 97, 472-475.	4.0	11
432	Synthesis and chromatographic properties of a chiral stationary phase derived from bovine serum albumin immobilized on magnesia-zirconia using phosphonate spacers. <i>Journal of Separation Science</i> , 2007, 30, 804-812.	2.5	11

#	ARTICLE	IF	CITATIONS
433	Chromatographic evaluation and comparison of three β -cyclodextrin-based stationary phases by capillary liquid chromatography and pressure-assisted capillary electrochromatography. <i>Electrophoresis</i> , 2008, 29, 4045-4054.	2.4	11
434	Synthesis and Characterization of Silica-zirconia Composite for the Enrichment of Phosphopeptides. <i>Chinese Journal of Analytical Chemistry</i> , 2010, 38, 1231-1237.	1.7	11
435	Inhibitor screening of protein kinases using MALDI-TOF MS combined with separation and enrichment of phosphopeptides by TiO ₂ nanoparticle deposited capillary column. <i>Analyst, The</i> , 2010, 135, 2858.	3.5	11
436	Magnetic Solid Phase Extraction Followed by High Performance Liquid Chromatography for Determination of Urinary 1-Hydroxypyrene. <i>Chinese Journal of Analytical Chemistry</i> , 2012, 40, 830-834.	1.7	11
437	A highly sensitive fluorescence assay for methyltransferase activity by exonuclease-aided signal amplification. <i>Analyst, The</i> , 2015, 140, 4636-4641.	3.5	11
438	Determination of diamondoids in crude oils using gas purge microsyringe extraction with comprehensive two dimensional gas chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1478, 75-83.	3.7	11
439	Polyoxometalate incorporated porous polymer monoliths, a versatile separation media for nano liquid chromatography. <i>Journal of Chromatography A</i> , 2016, 1453, 71-77.	3.7	11
440	Matrix-assisted laser desorption/ionization mass spectrometry for the analysis of polyamines in plant micro-tissues using cucurbituril as a host molecule. <i>Analytica Chimica Acta</i> , 2017, 987, 56-63.	5.4	11
441	Hydrogen-Deuterium Scrambling Based on Chemical Isotope Labeling Coupled with LC-MS: Application to Amine Metabolite Identification in Untargeted Metabolomics. <i>Analytical Chemistry</i> , 2020, 92, 2043-2051.	6.5	11
442	Cooking methods affect the intake of per- and polyfluoroalkyl substances (PFASs) from grass carp. <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 111003.	6.0	11
443	LC-MS/MS determination of plasma catecholamines after selective extraction by borated zirconia. <i>Mikrochimica Acta</i> , 2020, 187, 165.	5.0	11
444	Preparation of zirconium arsenate-modified monolithic column for selective enrichment of phosphopeptides. <i>Journal of Separation Science</i> , 2021, 44, 609-617.	2.5	11
445	Berberine exerts its antineoplastic effects by reversing the Warburg effect via downregulation of the Akt/mTOR/GLUT1 signaling pathway. <i>Oncology Reports</i> , 2021, 46, .	2.6	11
446	Ultrasensitive Determination of Sugar Phosphates in Trace Samples by Stable Isotope Chemical Labeling Combined with RPLC-MS. <i>Analytical Chemistry</i> , 2022, 94, 4866-4873.	6.5	11
447	Determination of nitric oxide in hydrophytes using poly(methacrylic acid-ethylene glycol) fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 854, 135-142.	2.3	10
448	Determination of brain cytochrome P450 2E1 activity in rat with the probe of chlorzoxazone by liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 260-266.	2.3	10
449	Online polymer monolith microextraction with in-situ derivatization for sensitive detection of endogenous brassinosteroids by LC-MS. <i>Microchemical Journal</i> , 2020, 158, 105061.	4.5	10
450	Single-Base Resolution Detection of Adenosine-to-Inosine RNA Editing by Endonuclease-Mediated Sequencing. <i>Analytical Chemistry</i> , 2022, 94, 8740-8747.	6.5	10

#	ARTICLE	IF	CITATIONS
451	Magnesiaâ€“zirconia based mimetic biomembrane chromatography for predicting human drug absorption. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 827, 173-181.	2.3	9
452	Overexpression of rice LRK1 restricts internode elongation by down-regulating OskO2. <i>Biotechnology Letters</i> , 2013, 35, 121-128.	2.2	9
453	Peptidylation for the determination of low-molecular-weight compounds by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Analyst, The</i> , 2016, 141, 3259-3265.	3.5	9
454	Rapid and Sensitive Detection of Avermectin Residues in Edible Oils by Magnetic Solid-Phase Extraction Combined with Ultra-High-Pressure Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2017, 10, 3201-3208.	2.6	9
455	Stable isotope labeling - dispersive solid phase extraction - liquid chromatography - tandem mass spectrometry for quantitative analysis of transsulfuration pathway thiols in human serum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1083, 12-19.	2.3	9
456	Cu(â€¦) triggering redox-regulated anti-aggregation of gold nanoparticles for ultrasensitive visual sensing of iodide. <i>Analytica Chimica Acta</i> , 2018, 1036, 147-152.	5.4	9
457	Facile liquid-phase deposition synthesis of titania-coated magnetic sporopollenin for the selective capture of phosphopeptides. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3373-3382.	3.7	9
458	The graphite arc-discharge in the presence of CCl4: Chlorinated carbon clusters in relation with fullerenes formation. <i>Carbon</i> , 2004, 42, 1959-1963.	10.3	8
459	An investigation on the cation-exchange and Lewis-base interactions of a n-octadecylphosphonic acid-modified magnesiaâ€“zirconia stationary phase. <i>Analytica Chimica Acta</i> , 2005, 551, 213-221.	5.4	8
460	Preparation of pyrenebutyric acid-modified magnesiaâ€“zirconia stationary phases using phosphonate as spacers and their application to the separation of fullerenes. <i>Analytica Chimica Acta</i> , 2006, 559, 79-88.	5.4	8
461	Preparation of a mixed-mode of hydrophobic/cation-exchange polymer monolith and its application to analysis of six antidepressants in human plasma. <i>Analytical Methods</i> , 2010, 2, 1333.	2.7	8
462	Facile synthesis of magnetic mesoporous titania and its application in selective and rapid enrichment of phosphopeptides. <i>Materials Letters</i> , 2013, 107, 202-205.	2.6	8
463	Association of 5-Methylcytosine and 5-Hydroxymethylcytosine with Mitochondrial DNA Content and Clinical and Biochemical Parameters in Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2013, 8, e76967.	2.5	8
464	Sequential enrichment with titania-coated magnetic mesoporous hollow silica microspheres and zirconium arsenate-modified magnetic nanoparticles for the study of phosphoproteome of HL60 cells. <i>Journal of Chromatography A</i> , 2014, 1365, 54-60.	3.7	8
465	Magnetic extractant with an Fe ₃ O ₄ @SiO ₂ core and aqueous ammonia coating for microextraction of petroleum acids. <i>RSC Advances</i> , 2018, 8, 19486-19493.	3.6	8
466	Rapid Determination of Endogenous 20-Hydroxyecdysone in Plants on MALDI-TOF/TOF Mass Spectrometry via Chemical Labeling Based on Boronate Affinity. <i>Journal of Analysis and Testing</i> , 2022, 6, 318-326.	5.1	8
467	Boron Isotope Tag-Assisted Ultrahigh-Performance Liquid Chromatography Coupled with High-Resolution Mass Spectrometry for Discovery and Annotation of <i>cis</i> -Diol-Containing Metabolites. <i>Analytical Chemistry</i> , 2021, 93, 3002-3009.	6.5	8
468	An enzyme-mediated bioorthogonal labeling method for genome-wide mapping of 5-hydroxymethyluracil. <i>Chemical Science</i> , 2021, 12, 14126-14132.	7.4	8

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469	HPLC separation of fullerenes on two charge-transfer stationary phases. <i>Journal of Separation Science</i> , 2006, 29, 837-843.	2.5	7
470	A Bidentate Amino Stationary Phase for Hydrophilic Interaction Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 2164-2175.	1.0	7
471	Preparation and Characterization of the Neomycin-Bonded Silica Stationary Phase for Hydrophilic-Interaction Chromatography. <i>Chromatographia</i> , 2013, 76, 459-465.	1.3	7
472	Preparation of magnetic hydroxyapatite clusters and their application in the enrichment of phosphopeptides. <i>Journal of Separation Science</i> , 2014, 37, 580-586.	2.5	7
473	Humic acids as both matrix for matrix-assisted laser desorption/ionization time-of-flight mass spectrometry and adsorbent for magnetic solid phase extraction. <i>Analytica Chimica Acta</i> , 2015, 889, 138-146.	5.4	7
474	OsCBL1 Modulates Lateral Root Elongation in Rice via Affecting Endogenous Indole-3-Acetic Acid Biosynthesis. <i>Journal of Genetics and Genomics</i> , 2015, 42, 331-334.	3.9	7
475	Solid-phase extraction of tobacco-specific N-nitrosamines with a mixed-mode hydrophobic/cation-exchange sorbent. <i>Separation Science Plus</i> , 2018, 1, 288-295.	0.6	7
476	A new boronic acid reagent for the simultaneous determination of C27-, C28-, and C29-brassinosteroids in plant tissues by chemical labeling-assisted liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1623-1632.	3.7	7
477	Methods for isolation of messenger RNA from biological samples. <i>Analytical Methods</i> , 2021, 13, 289-298.	2.7	7
478	Cinnamoyl coA: NADP oxidoreductase-like 1 regulates abscisic acid response by modulating phaseic acid homeostasis in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2022, 73, 860-872.	4.8	7
479	COMPARISON OF CHROMATOGRAPHIC PROPERTIES OF LEWIS BASE-MODIFIED MIXED OXIDES AS STATIONARY PHASES FOR HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2002, 25, 83-99.	1.0	6
480	Study on interaction between drug and membrane by using liposome coated zirconia-magnesia chromatography. <i>Talanta</i> , 2005, 67, 1023-1028.	5.5	6
481	LC-Ultrasound-Assisted Headspace Liquid Microextraction for the Analysis of Phenols in Water. <i>Chromatographia</i> , 2008, 68, 235-238.	1.3	6
482	Preparation and characterization of phosphatidylcholine-coated zirconia-magnesia stationary phase for artificial membrane chromatography. <i>Journal of Separation Science</i> , 2010, 33, 2990-2997.	2.5	6
483	Study of Retention Mechanism of a Mixed-Mode Stationary Phase and Its Application for the Simultaneous Determination of Ten Water- and Fat-Soluble Vitamins by HPLC-UV. <i>Chromatographia</i> , 2013, 76, 735-745.	1.3	6
484	Assessing Gibberellins Oxidase Activity by Anion Exchange/Hydrophobic Polymer Monolithic Capillary Liquid Chromatography-Mass Spectrometry. <i>PLoS ONE</i> , 2013, 8, e69629.	2.5	6
485	Rapid and sensitive detection of abamectin in edible oils by solid phase extraction combined with ultra-high-pressure liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2014, 6, 8767-8772.	2.7	6
486	Metal oxide-based dispersive solid-phase extraction coupled with mass spectrometry analysis for determination of ribose conjugates in human follicular fluid. <i>Talanta</i> , 2017, 167, 506-512.	5.5	6

#	ARTICLE	IF	CITATIONS
487	Mass spectrometry-based nucleic acid modifications analysis. <i>Chemistry Letters</i> , 0, , .	1.3	6
488	Simultaneous quantitative analysis of multiple sphingoid bases by stable isotope labeling assisted liquid chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2019, 1082, 106-115.	5.4	6
489	Treatment of Lime Witchesâ€™™ Broom Phytoplasma-Infected Mexican Lime with a Resistance InducerÂ and Study ofÂ its Effect on Systemic Resistance. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 1409-1421.	5.1	6
490	CRB-SWATH: A Method for Enhancing Untargeted Precursor Ion Extraction and Automatically Constructing Their Tandem Mass Spectra from SWATH Datasets by Chromatographic Retention Behaviors. <i>Analytical Chemistry</i> , 2021, 93, 12273-12280.	6.5	6
491	Characterization of polychlorinated aromatic hydrocarbons by reversed-phase liquid chromatography with ultraviolet absorbance and mass spectrometric detection. <i>Journal of Chromatography A</i> , 2003, 1016, 61-69.	3.7	5
492	The influence of the metal net charge of non-metallocene early transition metal catalyst on the ethylene polymerization activity. <i>Science Bulletin</i> , 2008, 53, 3164-3168.	9.0	5
493	Profiling of Permeable Compounds in <i>Ligusticum chuanxiong</i> by Biopartitioning Micellar Chromatography. <i>Chromatographia</i> , 2009, 69, 637-644.	1.3	5
494	A matrix-assisted laser desorption/ionization mass spectrometry method for the analysis of small molecules by integrating chemical labeling with the supramolecular chemistry of cucurbituril. <i>Analytica Chimica Acta</i> , 2018, 1026, 77-86.	5.4	5
495	Cognitive impairment correlates with serum carbonyl compound profiles in subclinical carotid atherosclerosis. <i>NeuroReport</i> , 2018, 29, 1550-1557.	1.2	5
496	Simple and Sensitive Determination of Aromatic Acids in Coconut Water by g-C ₃ N ₄ @SiO ₂ Based Solid-phase Extraction and HPLC-UV Analysis. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 528-535.	2.6	5
497	A boronic acid modified binary matrix consisting of boron nitride and Î±-cyano-4-hydroxycinnamic acid for determination of cis-diols by MALDI-TOF MS. <i>Mikrochimica Acta</i> , 2019, 186, 591.	5.0	5
498	A structureâ€™guided screening strategy for the discovery and identification of potential gibberellins from plant samples using liquid chromatographyâ€™mass spectrometry assisted by chemical isotope labeling. <i>Analytica Chimica Acta</i> , 2021, 1163, 338505.	5.4	5
499	Screening and Identification of Epoxy/Dihydroxy-Oxylipins by Chemical Labeling-Assisted Ultrahigh-Performance Liquid Chromatography Coupled with High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 9904-9911.	6.5	5
500	Separation of phosphatidylcholine and phosphatidylethanolamine by using high-performance displacement chromatography. <i>Journal of Chromatography A</i> , 2004, 1036, 145-154.	3.7	4
501	Optimization of parameters of high-performance displacement chromatography for separation of soybean phosphatidylcholine and phosphatidylethanolamine. <i>Journal of Chromatography A</i> , 2005, 1068, 269-278.	3.7	4
502	Copolymerization of propylene withp-allyltoluene using metallocene catalysts. <i>Polymer International</i> , 2007, 56, 711-717.	3.1	4
503	Development and validation of a modified QuEChERS method based on magnetic zirconium dioxide microspheres for the determination of 52 pesticides in oil crops by gas chromatography tandem mass spectrometry. <i>Analytical Methods</i> , 2015, 7, 8663-8672.	2.7	4
504	Bioinspired preparation of monolithic ordered mesoporous silica for enrichment of endogenous peptides. <i>RSC Advances</i> , 2015, 5, 75341-75347.	3.6	4

#	ARTICLE	IF	CITATIONS
505	A magnetic ZrO ₂ based solid-phase extraction strategy for selective enrichment and profiling of glycosylated compounds in rice. <i>Analytical Methods</i> , 2016, 8, 6436-6443.	2.7	4
506	Development of C60-based labeling reagents for the determination of low-molecular-weight compounds by matrix assisted laser desorption ionization mass spectrometry (II): Determination of thiols in human serum. <i>Analytica Chimica Acta</i> , 2020, 1105, 112-119.	5.4	4
507	C60-based chemical labeling strategy for the determination of polyamines in biological samples using matrix-assisted laser desorption/ionization mass spectrometry. <i>Talanta</i> , 2021, 224, 121790.	5.5	4
508	PTIP governs NAD ⁺ metabolism by regulating CD38 expression to drive macrophage inflammation. <i>Cell Reports</i> , 2022, 38, 110603.	6.4	4
509	Triple chemical derivatization strategy assisted liquid chromatography-mass spectrometry for determination of retinoic acids in human serum. <i>Talanta</i> , 2022, 245, 123474.	5.5	4
510	Characterization of Trans-Resveratrol in Peanut Oils Based on Solid-Phase Extraction with Loofah Sponge Combined with High-Performance Liquid Chromatography-Ultraviolet (HPLC-UV). <i>Food Analytical Methods</i> , 2022, 15, 3153-3161.	2.6	4
511	Screening and Identification of Potential Abscisic Acid Catabolites by Chemical Labeling-Assisted Ultrahigh-Performance Liquid Chromatography Coupled with High-Resolution Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 8808-8818.	5.2	4
512	A stable isotope labelling assisted LC-MS method for the determination of polyamines in micro-tissues of rice. <i>Analytical Methods</i> , 2017, 9, 3541-3548.	2.7	3
513	Derivatization assisted LC-p-MRM-MS with high CID voltage for rapid analysis of brassinosteroids. <i>Talanta</i> , 2020, 217, 121058.	5.5	3
514	Combination of Modified QuEChERS and Disposable Polyethylene Pipet Assisted DLLME Based on Low Density Solvent Extraction for Rapid and Sensitive Determination of Fipronil and Its Metabolites in Eggs by GC-MS. <i>Food Analytical Methods</i> , 2021, 14, 1021-1032.	2.6	3
515	Quantitative analysis of the relationship of derivatization reagents and detection sensitivity of electrospray ionization-triple quadrupole tandem mass spectrometry: Hydrazines as prototypes. <i>Analytica Chimica Acta</i> , 2021, 1158, 338402.	5.4	3
516	A boronic acid-modified C ₆₀ derivatization reagent for the rapid detection of 1,2-diol using matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9169.	1.5	3
517	Detecting Internal N7-Methylguanosine mRNA Modifications by Differential Enzymatic Digestion Coupled with Mass Spectrometry Analysis. <i>Methods in Molecular Biology</i> , 2021, 2298, 247-259.	0.9	3
518	Determination of oleanolic acid and ursolic acid in loquat leaf extract by chemical derivatization coupled with liquid chromatography-tandem mass spectrometry. <i>Chinese Journal of Chromatography (Se Pu)</i> , 2017, 35, 27.	0.8	3
519	Carboxylic submetabolome-driven signature characterization of COVID-19 asymptomatic infection. <i>Talanta</i> , 2022, 239, 123086.	5.5	3
520	Highly sensitive analysis of cyanogenic glycosides in cold-pressed flaxseed oil by employing cigarette filter fiber-based SPE coupled with ultra-performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2022, 377, 131962.	8.2	3
521	Rapid profiling of carboxylic acids in reservoir biodegraded crude oils using gas purge microsyringe extraction coupled to comprehensive two-dimensional gas chromatography-mass spectrometry. <i>Fuel</i> , 2022, 316, 123312.	6.4	3
522	Neophaseic acid catabolism in the 9 ^h -hydroxylation pathway of abscisic acid in <i>Arabidopsis thaliana</i> . <i>Plant Communications</i> , 2022, 3, 100340.	7.7	3

#	ARTICLE	IF	CITATIONS
523	High-performance Liquid Chromatography of Some Alkaloids on n-Octadecylphosphonic Acid-modified Magnesia-Zirconia Stationary Phase. Chinese Journal of Analytical Chemistry, 2006, 34, 754-758.	1.7	2
524	Hydrophobic Interaction Chromatography of a Fosfomycin-Modified Zirconia Support for Some Basic Proteins. Journal of Liquid Chromatography and Related Technologies, 2008, 32, 468-482.	1.0	2
525	A Novel Approach to Prepare a Glass-Fiber-Packed Capillary Column for Capillary Electrochromatography. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 3094-3104.	1.0	2
526	Analysis of Nucleic Acids Methylation in Plants. RNA Technologies, 2017, , 231-245.	0.3	2
527	Hydralazine derivative of aldehyde: A new type of $[M+H]^+$ ion formed in electrospray ionization mass spectrometry. Journal of Mass Spectrometry, 2019, 54, 239-249.	1.6	2
528	Qualitative and Quantitative Analysis of Regional Cerebral Free Fatty Acids in Rats Using the Stable Isotope Labeling Liquid Chromatography-Mass Spectrometry Method. Molecules, 2020, 25, 5163.	3.8	2
529	A mathematical method for calibrating the signal drift in liquid chromatography - mass spectrometry analysis. Talanta, 2021, 233, 122511.	5.5	2
530	Metal and metal oxide nanomaterials in sample preparation. , 2021, , 297-322.		2
531	Synergistic effect of temperature and background counterions on ion-exchange equilibria. RSC Advances, 2018, 8, 26849-26856.	3.6	1
532	Profiling thiol metabolites in myocardial infarction human serum by stable isotope labeling assisted liquid chromatography-mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1126-1127, 121738.	2.3	1
533	Comprehensive Analysis of Volatile Compounds in Mouthpiece Cigarette Adhesive by Coupling Headspace with Gas Chromatography-Mass Spectrometry. Journal of AOAC INTERNATIONAL, 2020, 104, 712-718.	1.5	1
534	Study on the Chromatographic Behavior of Bases on Dodecylamine-N,N-dimethylenephosphonic Acid-Modified Zirconia Stationary Phase. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2006, 1, 98-101.	0.4	0
535	Determination of huperzine A in human plasma by hydrophilic interaction chromatography coupled to tandem mass spectrometry. Analytical Methods, 2011, 3, 1186.	2.7	0
536	Determination of 8-Oxo-7,8-Dihydroguanine in DNA at Single-Base Resolution by Polymerase-Mediated Differential Coding. Springer Protocols, 2022, , 181-194.	0.3	0
537	Determination of N6-Methyladenine in DNA of Mammals and Plants by Dpn I Digestion Combined with Size-Exclusion Ultrafiltration and Mass Spectrometry Analysis. Springer Protocols, 2022, , 115-125.	0.3	0
538	Coupling Micropipette Tip-based Microextraction with Desorption Corona Beam Ionization Mass Spectrometry for Rapid Analysis of Antihypertensive Drugs in Body Fluid. Chinese Journal of Analytical Chemistry, 2014, 41, 319-324.	1.7	0