

Yu-Qi Feng

List of Publications by Year in descending order

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538
papers

22,465
citations

10389

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all docs

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docs citations

549
times ranked

17672
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Mass spectrometry profiling analysis enables the identification of new modifications in ribosomal RNA. <i>Chinese Chemical Letters</i> , 2023, 34, 107531.	9.0	12
3	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
4	Determination of 8-Oxo-7,8-Dihydroguanine in DNA at Single-Base Resolution by Polymerase-Mediated Differential Coding. <i>Springer Protocols</i> , 2022, , 181-194.	0.3	0
5	Determination of N6-Methyladenine in DNA of Mammals and Plants by Dpn I Digestion Combined with Size-Exclusion Ultrafiltration and Mass Spectrometry Analysis. <i>Springer Protocols</i> , 2022, , 115-125.	0.3	0
6	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
7	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
8	Carboxylic submetabolome-driven signature characterization of COVID-19 asymptomatic infection. <i>Talanta</i> , 2022, 239, 123086.	5.5	3
9	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
10	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
11	DNA-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
12	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
13	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
14	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
15	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
16	PTIP governs NAD ⁺ metabolism by regulating CD38 expression to drive macrophage inflammation. <i>Cell Reports</i> , 2022, 38, 110603.	6.4	4
17	Identification of Inosine and 2-Methylinosine Modifications in Yeast Messenger RNA by Liquid Chromatography-Tandem Mass Spectrometry Analysis. <i>Analytical Chemistry</i> , 2022, 94, 4747-4755.	6.5	22
18	Comprehensive profiling and evaluation of the alteration of RNA modifications in thyroid carcinoma by liquid chromatography-tandem mass spectrometry. <i>Chinese Chemical Letters</i> , 2022, 33, 3772-3776.	9.0	30

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19	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
20	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
21	Neophasic acid catabolism in the 9 α -hydroxylation pathway of abscisic acid in <i>Arabidopsis thaliana</i> . <i>Plant Communications</i> , 2022, 3, 100340.	7.7	3
22	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
23	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
24	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
25	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
26	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
27	Treatment of Lime Witches' Broom Phytoplasma-Infected Mexican Lime with a Resistance Inducer and Study of Its Effect on Systemic Resistance. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 1409-1421.	5.1	6
28	Methods for isolation of messenger RNA from biological samples. <i>Analytical Methods</i> , 2021, 13, 289-298.	2.7	7
29	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2021, 64, 171-203.	8.2	88
30	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
31	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
32	Physiological and metabolomic responses of bermudagrass (<i>Cynodon dactylon</i>) to alkali stress. <i>Physiologia Plantarum</i> , 2021, 171, 22-33.	5.2	29
33	Direct decarboxylation of ten-eleven translocation-produced 5-carboxylcytosine in mammalian genomes forms a new mechanism for active DNA demethylation. <i>Chemical Science</i> , 2021, 12, 11322-11329.	7.4	29
34	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
35	Quantification and mapping of DNA modifications. <i>RSC Chemical Biology</i> , 2021, 2, 1096-1114.	4.1	31
36	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

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37	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
38	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
39	Site-specific quantification of 5-carboxylcytosine in DNA by chemical conversion coupled with ligation-based PCR. <i>Chinese Chemical Letters</i> , 2021, 32, 3426-3430.	9.0	31
40	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
41	Downregulation of the FTO m6A RNA demethylase promotes EMT-mediated progression of epithelial tumors and sensitivity to Wnt inhibitors. <i>Nature Cancer</i> , 2021, 2, 611-628.	13.2	30
42	A structure-guided screening strategy for the discovery and identification of potential gibberellins from plant samples using liquid chromatography-mass spectrometry assisted by chemical isotope labeling. <i>Analytica Chimica Acta</i> , 2021, 1163, 338505.	5.4	5
43	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
44	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
45	A boronic acid-modified C ₆₀ derivatization reagent for the rapid detection of 3-monochloropropane-1,2-diol using matrix-assisted laser desorption/ionization-mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9169.	1.5	3
46	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
47	A mathematical method for calibrating the signal drift in liquid chromatography - mass spectrometry analysis. <i>Talanta</i> , 2021, 233, 122511.	5.5	2
48	Novel dual methylation of cytidines in the RNA of mammals. <i>Chemical Science</i> , 2021, 12, 8149-8156.	7.4	20
49	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
50	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
51	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
52	An enzyme-mediated bioorthogonal labeling method for genome-wide mapping of 5-hydroxymethyluracil. <i>Chemical Science</i> , 2021, 12, 14126-14132.	7.4	8
53	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
54	Metal and metal oxide nanomaterials in sample preparation. , 2021, , 297-322.		2

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55	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
56	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
57	Assessment of DNA Epigenetic Modifications. <i>Chemical Research in Toxicology</i> , 2020, 33, 695-708.	3.3	29
58	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
59	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
60	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
61	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
62	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
63	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
64	Qualitative and Quantitative Analysis of Regional Cerebral Free Fatty Acids in Rats Using the Stable Isotope Labeling Liquid Chromatography-Mass Spectrometry Method. <i>Molecules</i> , 2020, 25, 5163.	3.8	2
65	Comprehensive Analysis of Volatile Compounds in Mouthpiece Cigarette Adhesive by Coupling Headspace with Gas Chromatography-Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 104, 712-718.	1.5	1
66	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
67	On-Site and Quantitative Detection of Trace Methamphetamine in Urine/Serum Samples with a Surface-Enhanced Raman Scattering-Active Microcavity and Rapid Pretreatment Device. <i>Analytical Chemistry</i> , 2020, 92, 13539-13549.	6.5	29
68	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
69	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
70	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
71	LC-MS/MS determination of plasma catecholamines after selective extraction by borated zirconia. <i>Mikrochimica Acta</i> , 2020, 187, 165.	5.0	11
72	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

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73	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
74	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
75	Chemical tagging for sensitive determination of uridine modifications in RNA. <i>Chemical Science</i> , 2020, 11, 1878-1891.	7.4	41
76	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
77	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
78	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
79	Derivatization assisted LC-p-MRM-MS with high CID voltage for rapid analysis of brassinosteroids. <i>Talanta</i> , 2020, 217, 121058.	5.5	3
80	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
81	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
82	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
83	A boronic acid modified binary matrix consisting of boron nitride and β -cyano-4-hydroxycinnamic acid for determination of cis-diols by MALDI-TOF MS. <i>Mikrochimica Acta</i> , 2019, 186, 591.	5.0	5
84	Analysis of the Effects of Cr(VI) Exposure on mRNA Modifications. <i>Chemical Research in Toxicology</i> , 2019, 32, 2078-2085.	3.3	22
85	Determination of RNA Hydroxymethylation in Mammals by Mass Spectrometry Analysis. <i>Analytical Chemistry</i> , 2019, 91, 10477-10483.	6.5	29
86	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
87	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
88	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
89	Profiling thiol metabolites in myocardial infarction human serum by stable isotope labeling assisted liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1126-1127, 121738.	2.3	1
90	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

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91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	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
101	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
102	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
103	Analytical methods for locating modifications in nucleic acids. <i>Chinese Chemical Letters</i> , 2019, 30, 1618-1626.	9.0	32
104	Sensitive analysis of multiple low-molecular-weight thiols in a single human cervical cancer cell by chemical derivatization-liquid chromatography-mass spectrometry. <i>Analyst</i> , 2019, 144, 6578-6585.	3.5	16
105	Analytical Methods for Deciphering RNA Modifications. <i>Analytical Chemistry</i> , 2019, 91, 743-756.	6.5	57
106	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
107	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
108	Hydralazine derivative of aldehyde: A new type of [M+H] ⁺ ion formed in electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2019, 54, 239-249.	1.6	2

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109	Sensitive analysis of trehalose-6-phosphate and related sugar phosphates in plant tissues by chemical derivatization combined with hydrophilic interaction liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1592, 82-90.	3.7	13
110	Mass spectrometry-based fecal metabolome analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 112, 161-174.	11.4	22
111	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
112	<scp>BIG</scp> regulates stomatal immunity and jasmonate production in Arabidopsis. <i>New Phytologist</i> , 2019, 222, 335-348.	7.3	24
113	<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
114	Phosphatidylinositol-specific phospholipase C2 functions in auxin-modulated root development. <i>Plant, Cell and Environment</i> , 2019, 42, 1441-1457.	5.7	28
115	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
116	Deciphering nucleic acid modifications by chemical derivatization-mass spectrometry analysis. <i>Chinese Chemical Letters</i> , 2019, 30, 1-6.	9.0	56
117	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
118	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
119	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
120	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
121	Modificaomics: deciphering the functions of biomolecule modifications. <i>Science China Chemistry</i> , 2018, 61, 381-392.	8.2	38
122	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
123	Immobilization of zirconium-glycerolate nanowires on magnetic nanoparticles for extraction of urinary ribonucleosides. <i>Mikrochimica Acta</i> , 2018, 185, 43.	5.0	15
124	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
125	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
126	Modified nucleoside triphosphates exist in mammals. <i>Chemical Science</i> , 2018, 9, 4160-4167.	7.4	38

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127	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
128	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
129	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
130	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
131	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
132	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
133	Synergistic effect of temperature and background counterions on ion-exchange equilibria. <i>RSC Advances</i> , 2018, 8, 26849-26856.	3.6	1
134	Cognitive impairment correlates with serum carbonyl compound profiles in subclinical carotid atherosclerosis. <i>NeuroReport</i> , 2018, 29, 1550-1557.	1.2	5
135	Single-Nucleotide Resolution Analysis of 5-Hydroxymethylcytosine in DNA by Enzyme-Mediated Deamination in Combination with Sequencing. <i>Analytical Chemistry</i> , 2018, 90, 14622-14628.	6.5	29
136	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
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141	Overexpressing Exogenous 5-Enolpyruvylshikimate-3-Phosphate Synthase (EPSPS) Genes Increases Fecundity and Auxin Content of Transgenic <i>Arabidopsis</i> Plants. <i>Frontiers in Plant Science</i> , 2018, 9, 233.	3.6	23
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158	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
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161	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
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164	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
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207	Metal oxides in sample pretreatment. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 80, 41-56.	11.4	59
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364	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
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373	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
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376	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
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382	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
383	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
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387	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
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390	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
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395	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
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398	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</i> , 2010, 135, 2858.	3.5	11
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531	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
532	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
533	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
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