Bi-Feng Yuan

List of Publications by Year
in descending order

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202	9,117	39113	75989
papers	citations	52 h-index	78 g-index

205	205	205	9912
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	6-Thioguanine incorporates into RNA and induces adenosine-to-inosine editing in acute lymphoblastic leukemia cells. Chinese Chemical Letters, 2023, 34, 107181.	4.8	13
2	Mass spectrometry profiling analysis enables the identification of new modifications in ribosomal RNA. Chinese Chemical Letters, 2023, 34, 107531.	4.8	12
3	Determination of 8-Oxo-7,8-Dihydroguanine in DNA at Single-Base Resolution by Polymerase-Mediated Differential Coding. Springer Protocols, 2022, , 181-194.	0.1	0
4	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.	0.1	0
5	Adolescent alcohol exposure alters DNA and RNA modifications in peripheral blood by liquid chromatography-tandem mass spectrometry analysis. Chinese Chemical Letters, 2022, 33, 2086-2090.	4.8	36
6	Simultaneous determination of indole metabolites of tryptophan in rat feces by chemical labeling assisted liquid chromatography-tandem mass spectrometry. Chinese Chemical Letters, 2022, 33, 4746-4749.	4.8	18
7	DNAâ€“Protein Cross-Linking Sequencing for Genome-Wide Mapping of Thymidine Glycol. Journal of the American Chemical Society, 2022, 144, 454-462.	6.6	14
8	Ultrasensitive Determination of Sugar Phosphates in Trace Samples by Stable Isotope Chemical Labeling Combined with RPLCâ€“MS. Analytical Chemistry, 2022, 94, 4866-4873.	3.2	11
9	Identification of Inosine and 2â€²-O-Methylinosine Modifications in Yeast Messenger RNA by Liquid Chromatographyâ€“Tandem Mass Spectrometry Analysis. Analytical Chemistry, 2022, 94, 4747-4755.	3.2	22
10	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.	4.8	30
11	Bisulfite-free and single-nucleotide resolution sequencing of DNA epigenetic modification of 5-hydroxymethylcytosine using engineered deaminase. Chemical Science, 2022, 13, 7046-7056.	3.7	17
12	Single-Base Resolution Detection of Adenosine-to-Inosine RNA Editing by Endonuclease-Mediated Sequencing. Analytical Chemistry, 2022, 94, 8740-8747.	3.2	10
13	Methods for isolation of messenger RNA from biological samples. Analytical Methods, 2021, 13, 289-298.	1.3	7
14	Nucleic Acids Analysis. Science China Chemistry, 2021, 64, 171-203.	4.2	88
15	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.	3.7	29
16	Photoactive G-Quadruplex Ligand Identifies Multiple G-Quadruplex-Related Proteins with Extensive Sequence Tolerance in the Cellular Environment. Journal of the American Chemical Society, 2021, 143, 1917-1923.	6.6	37
17	Quantification and mapping of DNA modifications. RSC Chemical Biology, 2021, 2, 1096-1114.	2.0	31
18	Chemical Tagging Assisted Mass Spectrometry Analysis Enables Sensitive Determination of Phosphorylated Compounds in a Single Cell. Analytical Chemistry, 2021, 93, 6848-6856.	3.2	23

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19	Transformation of 5-Carboxylcytosine to Cytosine Through Câ€“C Bond Cleavage in Human Cells Constitutes a Novel Pathway for DNA Demethylation. CCS Chemistry, 2021, 3, 994-1008.	4.6	21
20	Sensitive and Simultaneous Determination of Uridine Thiolation and Hydroxylation Modifications in Eukaryotic RNA by Derivatization Coupled with Mass Spectrometry Analysis. Analytical Chemistry, 2021, 93, 6938-6946.	3.2	22
21	Site-specific quantification of 5-carboxylcytosine in DNA by chemical conversion coupled with ligation-based PCR. Chinese Chemical Letters, 2021, 32, 3426-3430.	4.8	31
22	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.	5.7	30
23	Novel dual methylation of cytidines in the RNA of mammals. Chemical Science, 2021, 12, 8149-8156.	3.7	20
24	Construction of an Enzyme-Free Initiator-Replicated Hybridization Chain Reaction Circuit for Amplified Methyltransferase Evaluation and Inhibitor Assay. Analytical Chemistry, 2021, 93, 2403-2410.	3.2	33
25	Detecting Internal N7-Methylguanosine mRNA Modifications by Differential Enzymatic Digestion Coupled with Mass Spectrometry Analysis. Methods in Molecular Biology, 2021, 2298, 247-259.	0.4	3
26	Quantitative Analysis of Oncometabolite 2-Hydroxyglutarate. Advances in Experimental Medicine and Biology, 2021, 1280, 161-172.	0.8	3
27	An enzyme-mediated bioorthogonal labeling method for genome-wide mapping of 5-hydroxymethyluracil. Chemical Science, 2021, 12, 14126-14132.	3.7	8
28	Assessment of DNA Epigenetic Modifications. Chemical Research in Toxicology, 2020, 33, 695-708.	1.7	29
29	Diazo Reagent Labeling with Mass Spectrometry Analysis for Sensitive Determination of Ribonucleotides in Living Organisms. Analytical Chemistry, 2020, 92, 2301-2309.	3.2	26
30	Chemical labeling â€“ Assisted mass spectrometry analysis for sensitive detection of cytidine dual modifications in RNA of mammals. Analytica Chimica Acta, 2020, 1098, 56-65.	2.6	16
31	Functional role of Tet-mediated RNA hydroxymethylcytosine in mouse ES cells and during differentiation. Nature Communications, 2020, 11, 4956.	5.8	44
32	DNA methylation modification is associated with gonadal differentiation in Monopterus albus. Cell and Bioscience, 2020, 10, 129.	2.1	7
33	Chemical tagging for sensitive determination of uridine modifications in RNA. Chemical Science, 2020, 11, 1878-1891.	3.7	41
34	Quantification and Single-Base Resolution Analysis of N1-Methyladenosine in mRNA by Ligation-Assisted Differentiation. Analytical Chemistry, 2020, 92, 2612-2619.	3.2	17
35	Glucose Is Involved in the Dynamic Regulation of m6A in Patients With Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 665-673.	1.8	159
36	Analysis of the Effects of Cr(VI) Exposure on mRNA Modifications. Chemical Research in Toxicology, 2019, 32, 2078-2085.	1.7	22

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37	Determination of RNA Hydroxylmethylation in Mammals by Mass Spectrometry Analysis. Analytical Chemistry, 2019, 91, 10477-10483.	3.2	29
38	Determination of cytidine modifications in human urine by liquid chromatography - Mass spectrometry analysis. Analytica Chimica Acta, 2019, 1081, 103-111.	2.6	20
39	AlkB Homologue 1 Demethylates N³-Methylcytidine in mRNA of Mammals. ACS Chemical Biology, 2019, 14, 1418-1425.	1.6	50
40	Location analysis of 8-oxo-7,8-dihydroguanine in DNA by polymerase-mediated differential coding. Chemical Science, 2019, 10, 4272-4281.	3.7	23
41	Stable isotope labeling combined with liquid chromatography-tandem mass spectrometry for comprehensive analysis of short-chain fatty acids. Analytica Chimica Acta, 2019, 1070, 51-59.	2.6	43
42	Mass Spectrometry for Investigating the Effects of Toxic Metals on Nucleic Acid Modifications. Chemical Research in Toxicology, 2019, 32, 808-819.	1.7	20
43	Analytical methods for locating modifications in nucleic acids. Chinese Chemical Letters, 2019, 30, 1618-1626.	4.8	32
44	Analytical Methods for Deciphering RNA Modifications. Analytical Chemistry, 2019, 91, 743-756.	3.2	57
45	On-line trapping/capillary hydrophilic-interaction liquid chromatography/mass spectrometry for sensitive determination of RNA modifications from human blood. Chinese Chemical Letters, 2019, 30, 553-557.	4.8	46
46	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. Journal of Chromatography A, 2019, 1592, 82-90.	1.8	13
47	Mass spectrometry-based fecal metabolome analysis. TrAC - Trends in Analytical Chemistry, 2019, 112, 161-174.	5.8	22
48	N 6-Hydroxymethyladenine: a hydroxylation derivative of N6-methyladenine in genomic DNA of mammals. Nucleic Acids Research, 2019, 47, 1268-1277.	6.5	54
49	Deciphering nucleic acid modifications by chemical derivatization-mass spectrometry analysis. Chinese Chemical Letters, 2019, 30, 1-6.	4.8	56
50	Stable isotope labeling - dispersive solid phase extraction - liquid chromatography - tandem mass spectrometry for quantitative analysis of transsulfuration pathway thiols in human serum. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1083, 12-19.	1.2	9
51	Comprehensive Profiling of Fecal Metabolome of Mice by Integrated Chemical Isotope Labeling-Mass Spectrometry Analysis. Analytical Chemistry, 2018, 90, 3512-3520.	3.2	75
52	Modificaomics: deciphering the functions of biomolecule modifications. Science China Chemistry, 2018, 61, 381-392.	4.2	38
53	Existence of Internal N7-Methylguanosine Modification in mRNA Determined by Differential Enzyme Treatment Coupled with Mass Spectrometry Analysis. ACS Chemical Biology, 2018, 13, 3243-3250.	1.6	53
54	Modified nucleoside triphosphates exist in mammals. Chemical Science, 2018, 9, 4160-4167.	3.7	38

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55	Chiral derivatization coupled with liquid chromatography/mass spectrometry for determining ketone metabolites of hydroxybutyrate enantiomers. Chinese Chemical Letters, 2018, 29, 115-118.	4.8	46
56	Profiling of potential brassinosteroids in different tissues of rape flower by stable isotope labeling - liquid chromatography/mass spectrometry analysis. Analytica Chimica Acta, 2018, 1037, 55-62.	2.6	15
57	Single-Nucleotide Resolution Analysis of 5-Hydroxymethylcytosine in DNA by Enzyme-Mediated Deamination in Combination with Sequencing. Analytical Chemistry, 2018, 90, 14622-14628.	3.2	29
58	Distal regulatory elements identified by methylation and hydroxymethylation haplotype blocks from mouse brain. Epigenetics and Chromatin, 2018, 11, 75.	1.8	7
59	Highly Sensitive Assay of Methyltransferase Activity Based on an Autonomous Concatenated DNA Circuit. ACS Sensors, 2018, 3, 2359-2366.	4.0	33
60	Existence of Diverse Modifications in Smallâ€RNA Species Composed of 16â€“28â€…Nucleotides. Chemistry - A European Journal, 2018, 24, 9949-9956.	1.7	28
61	Genomic 5-mC contents in peripheral blood leukocytes were independent protective factors for coronary artery disease with a specific profile in different leukocyte subtypes. Clinical Epigenetics, 2018, 10, 9.	1.8	29
62	Establishment of Liquid Chromatography Retention Index Based on Chemical Labeling for Metabolomic Analysis. Analytical Chemistry, 2018, 90, 8412-8420.	3.2	48
63	Facial synthesis of nickel(II)-immobilized carboxyl cotton chelator for purification of histidine-tagged proteins. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1043, 122-127.	1.2	16
64	Graft modification of cotton with phosphate group and its application to the enrichment of phosphopeptides. Journal of Chromatography A, 2017, 1484, 49-57.	1.8	20
65	Formation and Determination of Endogenous Methylated Nucleotides in Mammals by Chemical Labeling Coupled with Mass Spectrometry Analysis. Analytical Chemistry, 2017, 89, 4153-4160.	3.2	40
66	Analysis of Nucleic Acids Methylation in Plants. RNA Technologies, 2017, , 231-245.	0.2	2
67	Heavy Metals Induce Decline of Derivatives of 5-Methycytosine in Both DNA and RNA of Stem Cells. ACS Chemical Biology, 2017, 12, 1636-1643.	1.6	39
68	Stable isotope labeling-solid phase extraction-mass spectrometry analysis for profiling of thiols and aldehydes in beer. Food Chemistry, 2017, 237, 399-407.	4.2	27
69	Determination of formylated DNA and RNA by chemical labeling combined with mass spectrometry analysis. Analytica Chimica Acta, 2017, 981, 1-10.	2.6	55
70	Liquid Chromatography-Mass Spectrometry for Analysis of RNA Adenosine Methylation. Methods in Molecular Biology, 2017, 1562, 33-42.	0.4	23
71	Metal oxide-based dispersive solid-phase extraction coupled with mass spectrometry analysis for determination of ribose conjugates in human follicular fluid. Talanta, 2017, 167, 506-512.	2.9	6
72	Profiling of carbonyl compounds in serum by stable isotope labeling - Double precursor ion scan - Mass spectrometry analysis. Analytica Chimica Acta, 2017, 967, 42-51.	2.6	45

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73	High Strength and Hydrophilic Chitosan Microspheres for the Selective Enrichment of N-Glycopeptides. Analytical Chemistry, 2017, 89, 9712-9721.	3.2	72
74	Highly sensitive determination of fatty acid esters of hydroxyl fatty acids by liquid chromatography-mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1061-1062, 34-40.	1.2	45
75	Three-Dimensional Scaffold Chip with Thermosensitive Coating for Capture and Reversible Release of Individual and Cluster of Circulating Tumor Cells. Analytical Chemistry, 2017, 89, 7924-7932.	3.2	68
76	Hydrophilic materials in sample pretreatment. TrAC - Trends in Analytical Chemistry, 2017, 86, 172-184.	5.8	64
77	Peptidylation for the determination of low-molecular-weight compounds by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Analyst, The, 2016, 141, 3259-3265.	1.7	9
78	Quantification of 1-hydroxypyrene in undiluted human urine samples using magnetic solid-phase extraction coupled with internal extractive electrospray ionization mass spectrometry. Analytica Chimica Acta, 2016, 926, 72-78.	2.6	37
79	A magnetic ZrO₂ based solid-phase extraction strategy for selective enrichment and profiling of glycosylated compounds in rice. Analytical Methods, 2016, 8, 6436-6443.	1.3	4
80	Analysis of liposoluble carboxylic acids metabolome in human serum by stable isotope labeling coupled with liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2016, 1460, 100-109.	1.8	54
81	Comprehensive profiling of ribonucleosides modification by affinity zirconium oxide-silica composite monolithic column online solidâ€“phase microextraction â€“ Mass spectrometry analysis. Journal of Chromatography A, 2016, 1462, 90-99.	1.8	22
82	Formation and determination of the oxidation products of 5-methylcytosine in RNA. Chemical Science, 2016, 7, 5495-5502.	3.7	116
83	Determination of thiol metabolites in human urine by stable isotope labeling in combination with pseudo-targeted mass spectrometry analysis. Scientific Reports, 2016, 6, 21433.	1.6	35
84	Increased N6-methyladenosine in Human Sperm RNA as a Risk Factor for Asthenozoospermia. Scientific Reports, 2016, 6, 24345.	1.6	64
85	Degradable Zinc-Phosphate-Based Hierarchical Nanosubstrates for Capture and Release of Circulating Tumor Cells. ACS Applied Materials & Interfaces, 2016, 8, 15917-15925.	4.0	53
86	The existence of 5-hydroxymethylcytosine and 5-formylcytosine in both DNA and RNA in mammals. Chemical Communications, 2016, 52, 737-740.	2.2	102
87	Recent advances in phosphopeptide enrichment: Strategies and techniques. TrAC - Trends in Analytical Chemistry, 2016, 78, 70-83.	5.8	90
88	Metal oxides in sample pretreatment. TrAC - Trends in Analytical Chemistry, 2016, 80, 41-56.	5.8	59
89	Loss of 5-hydroxymethylcytosine is linked to gene body hypermethylation in kidney cancer. Cell Research, 2016, 26, 103-118.	5.7	129
90	Stable isotope labeling â€“ Liquid chromatography/mass spectrometry for quantitative analysis of androgenic and progestagenic steroids. Analytica Chimica Acta, 2016, 905, 106-114.	2.6	58

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91	Determination of DNA and RNA Methylation in Circulating Tumor Cells by Mass Spectrometry. Analytical Chemistry, 2016, 88, 1378-1384.	3.2	123
92	Facile synthesis of magnetic carbon nitride nanosheets and its application in magnetic solid phase extraction for polycyclic aromatic hydrocarbons in edible oil samples. Talanta, 2016, 148, 46-53.	2.9	69
93	Sensitive Determination of Onco-metabolites of D- and L-2-hydroxyglutarate Enantiomers by Chiral Derivatization Combined with Liquid Chromatography/Mass Spectrometry Analysis. Scientific Reports, 2015, 5, 15217.	1.6	58
94	A highly sensitive fluorescence assay for methyltransferase activity by exonuclease-aided signal amplification. Analyst, The, 2015, 140, 4636-4641.	1.7	11
95	Perovskite for the highly selective enrichment of phosphopeptides. Journal of Chromatography A, 2015, 1376, 143-148.	1.8	23
96	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. Analytical Chemistry, 2015, 87, 3445-3452.	3.2	126
97	Profiling of cis-Diol-containing Nucleosides and Ribosylated Metabolites by Boronate-affinity Organic-silica Hybrid Monolithic Capillary Liquid Chromatography/Mass Spectrometry. Scientific Reports, 2015, 5, 7785.	1.6	48
98	Determination of hexanal and heptanal in human urine using magnetic solid phase extraction coupled with in-situ derivatization by high performance liquid chromatography. Talanta, 2015, 136, 54-59.	2.9	45
99	Determination of Phytochelatins in Rice by Stable Isotope Labeling Coupled with Liquid Chromatographyâ€“Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2015, 63, 5935-5942.	2.4	19
100	Analysis of cytochrome P450 metabolites of arachidonic acid by stable isotope probe labeling coupled with ultra high-performance liquid chromatography/mass spectrometry. Journal of Chromatography A, 2015, 1410, 154-163.	1.8	59
101	Determination of DNA adenine methylation in genomes of mammals and plants by liquid chromatography/mass spectrometry. RSC Advances, 2015, 5, 64046-64054.	1.7	74
102	Hydrophilic Carboxyl Cotton Chelator for Titanium(IV) Immobilization and Its Application as Novel Fibrous Sorbent for Rapid Enrichment of Phosphopeptides. ACS Applied Materials & Interfaces, 2015, 7, 17356-17362.	4.0	57
103	Magnetic solid phase extraction coupled with desorption corona beam ionization-mass spectrometry for rapid analysis of antidepressants in human body fluids. Analyst, The, 2015, 140, 5662-5670.	1.7	27
104	Stable isotope labeling assisted liquid chromatographyâ€“electrospray tandem mass spectrometry for quantitative analysis of endogenous gibberellins. Talanta, 2015, 144, 341-348.	2.9	54
105	Profiling of phytohormones in rice under elevated cadmium concentration levels by magnetic solid-phase extraction coupled with liquid chromatography tandem mass spectrometry. Journal of Chromatography A, 2015, 1406, 78-86.	1.8	48
106	Metal Oxide-Based Selective Enrichment Combined with Stable Isotope Labeling-Mass Spectrometry Analysis for Profiling of Ribose Conjugates. Analytical Chemistry, 2015, 87, 7364-7372.	3.2	63
107	Nickel(II)-immobilized sulfhydryl cotton fiber for selective binding and rapid separation of histidine-tagged proteins. Journal of Chromatography A, 2015, 1405, 188-192.	1.8	25
108	Preparation and chromatographic evaluation of zwitterionic stationary phases with controllable ratio of positively and negatively charged groups. Talanta, 2015, 141, 8-14.	2.9	16

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109	Magnetic â€œone-stepâ€•quick, easy, cheap, effective, rugged and safe method for the fast determination of pesticide residues in freshly squeezed juice. Journal of Chromatography A, 2015, 1398, 1-10.	1.8	32
110	Facile synthesis of polyaniline-coated SiO 2 nanofiber and its application in enrichment of fluoroquinolones from honey samples. Talanta, 2015, 140, 29-35.	2.9	37
111	Sequential solvent induced phase transition extraction for profiling of endogenous phytohormones in plants by liquid chromatography-mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 1004, 23-29.	1.2	35
112	One-pot preparation of a mixed-mode organic-silica hybrid monolithic capillary column and its application in determination of endogenous gibberellins in plant tissues. Journal of Chromatography A, 2015, 1416, 64-73.	1.8	22
113	Fluorescein Derivatives as Bifunctional Molecules for the Simultaneous Inhibiting and Labeling of FTO Protein. Journal of the American Chemical Society, 2015, 137, 13736-13739.	6.6	99
114	Bioinspired preparation of monolithic ordered mesoporous silica for enrichment of endogenous peptides. RSC Advances, 2015, 5, 75341-75347.	1.7	4
115	Expression of porcine Mx1 with FMDV IRES enhances the antiviral activity against foot-and-mouth disease virus in PK-15 cells. Archives of Virology, 2015, 160, 1989-1999.	0.9	12
116	DNA hydroxymethylation age of human blood determined by capillary hydrophilic-interaction liquid chromatography/mass spectrometry. Clinical Epigenetics, 2015, 7, 72.	1.8	33
117	Profiling of aldehyde-containing compounds by stable isotope labelling-assisted mass spectrometry analysis. Analyst, The, 2015, 140, 5276-5286.	1.7	35
118	Guanine-vacancyâ€“bearing G-quadruplexes responsive to guanine derivatives. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14581-14586.	3.3	97
119	Phosphonate-modified metal oxides for the highly selective enrichment of phosphopeptides. RSC Advances, 2015, 5, 7832-7841.	1.7	13
120	DecreasedN⁶-Methyladenosine in Peripheral Blood RNA From Diabetic Patients Is Associated WithFTOExpression Rather ThanALKBH5. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E148-E154.	1.8	158
121	Improved methodology for assaying brassinosteroids in plant tissues using magnetic hydrophilic material for both extraction and derivatization. Plant Methods, 2014, 10, 39.	1.9	33
122	5-Methylcytosine and Its Derivatives. Advances in Clinical Chemistry, 2014, 67, 151-187.	1.8	25
123	Rapid and high-throughput determination of endogenous cytokinins in Oryza sativa by bare Fe3O4 nanoparticles-based magnetic solid-phase extraction. Journal of Chromatography A, 2014, 1340, 146-150.	1.8	49
124	Preparation of magnetic hydroxyapatite clusters and their application in the enrichment of phosphopeptides. Journal of Separation Science, 2014, 37, 580-586.	1.3	7
125	Sensitive Detection of DNA Methyltransferase Activity Based on Exonuclease-Mediated Target Recycling. Analytical Chemistry, 2014, 86, 11269-11274.	3.2	84
126	Magnetic solid phase extraction coupled with in situ derivatization for the highly sensitive determination of acidic phytohormones in rice leaves by UPLC-MS/MS. Analyst, The, 2014, 139, 5605-5613.	1.7	44

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127	Isotope labelling â€“ paired homologous double neutral loss scan-mass spectrometry for profiling of metabolites with a carboxyl group. Analyst, The, 2014, 139, 3446-3454.	1.7	42
128	Rapid determination of polycyclic aromatic hydrocarbons in environmental water based on magnetite nanoparticles/polypyrrole magnetic solid-phase extraction. Analytical Methods, 2014, 6, 7046-7053.	1.3	24
129	â€œOldâ€•metal oxide affinity chromatography as â€œnovelâ€•strategy for specific capture of cis-diol-containing compounds. Journal of Chromatography A, 2014, 1361, 100-107.	1.8	26
130	Facile one-pot synthesis of a aptamer-based organicâ€“silica hybrid monolithic capillary column by â€œthiolâ€“eneâ€•click chemistry for detection of enantiomers of chemotherapeutic anthracyclines. Analyst, The, 2014, 139, 4940-4946.	1.7	41
131	In-syringe dispersive solid phase extraction: a novel format for electrospun fiber based microextraction. Analyst, The, 2014, 139, 6266-6271.	1.7	21
132	Recent advances in the analysis of 5-methylcytosine and its oxidation products. TrAC - Trends in Analytical Chemistry, 2014, 54, 24-35.	5.8	49
133	A selective USP1â€“UAF1 inhibitor links deubiquitination to DNA damage responses. Nature Chemical Biology, 2014, 10, 298-304.	3.9	211
134	Determination of Oxidation Products of 5-Methylcytosine in Plants by Chemical Derivatization Coupled with Liquid Chromatography/Tandem Mass Spectrometry Analysis. Analytical Chemistry, 2014, 86, 7764-7772.	3.2	89
135	Facile Preparation of Biocompatible Sulfhydryl Cotton Fiber-Based Sorbents by â€œThiolâ€“eneâ€•Click Chemistry for Biological Analysis. ACS Applied Materials & Interfaces, 2014, 6, 17857-17864.	4.0	40
136	Profiling of Thiol-Containing Compounds by Stable Isotope Labeling Double Precursor Ion Scan Mass Spectrometry. Analytical Chemistry, 2014, 86, 9765-9773.	3.2	80
137	Sequential enrichment with titania-coated magnetic mesoporous hollow silica microspheres and zirconium arsenate-modified magnetic nanoparticles for the study of phosphoproteome of HL60 cells. Journal of Chromatography A, 2014, 1365, 54-60.	1.8	8
138	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. Journal of Chromatography A, 2014, 1351, 96-102.	1.8	12
139	Derivatization for liquid chromatography-mass spectrometry. TrAC - Trends in Analytical Chemistry, 2014, 59, 121-132.	5.8	189
140	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. Journal of Chromatography A, 2014, 1351, 29-36.	1.8	62
141	Coupling Micropipette Tipî€‘based Microî€‘extraction 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.	0.9	0
142	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. Plant Methods, 2013, 9, 13.	1.9	49
143	Translesion Synthesis of 8,5â€²-Cyclopurine-2â€²-deoxynucleosides by DNA Polymerases Î·, Î¹, and Î¶. Journal of Biological Chemistry, 2013, 288, 28548-28556.	1.6	58
144	Preparation of a Novel Amino-Phosphate Zwitterionic Stationary Phase for Hydrophilic Interaction Chromatography. Chromatographia, 2013, 76, 1569-1576.	0.7	12

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145	A simple sample preparation approach based on hydrophilic solid-phase extraction coupled with liquid chromatographyâ€“tandem mass spectrometry for determination of endogenous cytokinins. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 942-943, 31-36.	1.2	26
146	TiO₂-Based Solid Phase Extraction Strategy for Highly Effective Elimination of Normal Ribonucleosides before Detection of 2â€²-Deoxynucleosides/Low-Abundance 2â€²-O-Modified Ribonucleosides. Analytical Chemistry, 2013, 85, 10512-10518.	3.2	36
147	Preparation of mesoporous silica embedded pipette tips for rapid enrichment of endogenous peptides. Journal of Chromatography A, 2013, 1316, 23-28.	1.8	23
148	Rapid enrichment of phosphopeptides by SiO2â€“TiO2 composite fibers. Analyst, The, 2013, 138, 5495.	1.7	29
149	Preparation of a Hyperâ€crossâ€linked Polymer Monolithic Column and Its Application to the Sensitive Determination of Genomic DNA Methylation. Chemistry - A European Journal, 2013, 19, 1035-1041.	1.7	13
150	Borated Titania, a New Option for the Selective Enrichment of cisâ€Diol Biomolecules. Chemistry - A European Journal, 2013, 19, 606-612.	1.7	44
151	Preparation and chromatographic evaluation of a novel phosphate ester-bonded stationary phase with complexation and hydrophobic interactions retention mechanism. Journal of Chromatography A, 2013, 1302, 81-87.	1.8	17
152	Preparation of titanium-grafted magnetic mesoporous silica for the enrichment of endogenous serum phosphopeptides. Journal of Chromatography A, 2013, 1315, 61-69.	1.8	36
153	Determination of Endogenous Brassinosteroids in Plant Tissues Using Solidâ€phase Extraction with Double Layered Cartridge Followed by Highâ€performance Liquid Chromatographyâ€“Tandem Mass Spectrometry. Phytochemical Analysis, 2013, 24, 386-394.	1.2	66
154	Facile preparation of organic-silica hybrid monolith for capillary hydrophilic liquid chromatography based on â€œthiol-eneâ€•click chemistry. Journal of Chromatography A, 2013, 1284, 118-125.	1.8	53
155	Synthesis and applications of functionalized magnetic materials in sample preparation. TrAC - Trends in Analytical Chemistry, 2013, 45, 233-247.	5.8	229
156	Hydrophilic Material for the Selective Enrichment of 5-Hydroxymethylcytosine and Its Liquid Chromatographyâ€“Tandem Mass Spectrometry Detection. Analytical Chemistry, 2013, 85, 6129-6135.	3.2	54
157	Facile fabrication of reduced graphene oxide-encapsulated silica: A sorbent for solid-phase extraction. Journal of Chromatography A, 2013, 1299, 10-17.	1.8	52
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