

Lihua Zhang

List of Publications by Year in descending order

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173
papers

4,086
citations

101384

36
h-index

174990

52
g-index

187
all docs

187
docs citations

187
times ranked

4024
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective isolation of exosomes with polyethylene glycol from cell culture supernatant for in-depth proteome profiling. <i>Analyst</i> , The, 2016, 141, 4640-4646.	1.7	187
2	Epitope Imprinting Technology: Progress, Applications, and Perspectives toward Artificial Antibodies. <i>Advanced Materials</i> , 2019, 31, e1902048.	11.1	110
3	Capillary Electrochromatography with Monolithic Poly(styrene-co-divinylbenzene-co-methacrylic) Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	107
4	Boronic Acid Functionalized Core-Shell Polymer Nanoparticles Prepared by Distillation Precipitation Polymerization for Glycopeptide Enrichment. <i>Chemistry - A European Journal</i> , 2012, 18, 9056-9062.	1.7	101
5	New GO-PEI-Au-Cys ZIC-HILIC composites: synthesis and selective enrichment of glycopeptides. <i>Nanoscale</i> , 2014, 6, 5616-5619.	2.8	98
6	Protein-imprinted materials: rational design, application and challenges. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 2173-2183.	1.9	92
7	Synthesis of adenosine functionalized metal immobilized magnetic nanoparticles for highly selective and sensitive enrichment of phosphopeptides. <i>Chemical Communications</i> , 2012, 48, 6274.	2.2	81
8	Silica Microspheres with Fibrous Shells: Synthesis and Application in HPLC. <i>Analytical Chemistry</i> , 2015, 87, 9631-9638.	3.2	74
9	Surface-Imprinted Nanoparticles Prepared with a His-Tag-Anchored Epitope as the Template. <i>Analytical Chemistry</i> , 2015, 87, 4617-4620.	3.2	71
10	Hydrophilic GO/Fe ₃ O ₄ /Au/PEG nanocomposites for highly selective enrichment of glycopeptides. <i>Nanoscale</i> , 2016, 8, 4894-4897.	2.8	70
11	Thermoresponsive Epitope Surface-Imprinted Nanoparticles for Specific Capture and Release of Target Protein from Human Plasma. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 5747-5751.	4.0	65
12	Epitope imprinted polyethersulfone beads by self-assembly for target protein capture from the plasma proteome. <i>Chemical Communications</i> , 2014, 50, 9521-9524.	2.2	59
13	Attapulgite Nanoparticles-Modified Monolithic Column for Hydrophilic In-Tube Solid-Phase Microextraction of Cyromazine and Melamine. <i>Analytical Chemistry</i> , 2016, 88, 1535-1541.	3.2	56
14	Preparation of protein imprinted materials by hierarchical imprinting techniques and application in selective depletion of albumin from human serum. <i>Scientific Reports</i> , 2014, 4, 5487.	1.6	55
15	3-Carboxybenzoboroxole Functionalized Polyethylenimine Modified Magnetic Graphene Oxide Nanocomposites for Human Plasma Glycoproteins Enrichment under Physiological Conditions. <i>Analytical Chemistry</i> , 2018, 90, 2671-2677.	3.2	55
16	Surface Protein Imprinted Core-Shell Particles for High Selective Lysozyme Recognition Prepared by Reversible Addition-Fragmentation Chain Transfer Strategy. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 21954-21960.	4.0	53
17	Clickable Periodic Mesoporous Organosilica Monolith for Highly Efficient Capillary Chromatographic Separation. <i>Analytical Chemistry</i> , 2016, 88, 1521-1525.	3.2	51
18	Boronic Acid-Functionalized Particles with Flexible Three-Dimensional Polymer Branch for Highly Specific Recognition of Glycoproteins. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 9552-9556.	4.0	50

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19	Hydrophobic Tagging-Assisted N-Termini Enrichment for In-Depth N-Terminome Analysis. <i>Analytical Chemistry</i> , 2016, 88, 8390-8395.	3.2	50
20	1-Dodecyl-3-Methylimidazolium Chloride-Assisted Sample Preparation Method for Efficient Integral Membrane Proteome Analysis. <i>Analytical Chemistry</i> , 2014, 86, 7544-7550.	3.2	47
21	An efficient approach to prepare boronate core-shell polymer nanoparticles for glycoprotein recognition via combined distillation precipitation polymerization and RAFT media precipitation polymerization. <i>Chemical Communications</i> , 2015, 51, 3896-3898.	2.2	47
22	Gold nanoparticles immobilized hydrophilic monoliths with variable functional modification for highly selective enrichment and on-line deglycosylation of glycopeptides. <i>Analytica Chimica Acta</i> , 2015, 900, 83-89.	2.6	45
23	Advances in exosome isolation methods and their applications in proteomic analysis of biological samples. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5351-5361.	1.9	44
24	High Anti-Interfering Profiling of Endogenous Glycopeptides for Human Plasma by the Dual-Hydrophilic Metal-Organic Framework. <i>Analytical Chemistry</i> , 2019, 91, 4852-4859.	3.2	44
25	Dendrimer-grafted graphene oxide nanosheets as novel support for trypsin immobilization to achieve fast on-plate digestion of proteins. <i>Talanta</i> , 2014, 122, 278-284.	2.9	42
26	Synthesis of Zwitterionic Polymer Particles via Combined Distillation Precipitation Polymerization and Click Chemistry for Highly Efficient Enrichment of Glycopeptide. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22018-22024.	4.0	42
27	Aptamer functionalized hydrophilic polymer monolith with gold nanoparticles modification for the sensitive detection of human \pm -thrombin. <i>Talanta</i> , 2016, 154, 555-559.	2.9	41
28	Integrated Platform for Proteome Analysis with Combination of Protein and Peptide Separation via Online Digestion. <i>Analytical Chemistry</i> , 2009, 81, 8708-8714.	3.2	40
29	Recent advances in monolithic columns for protein and peptide separation by capillary liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2095-2106.	1.9	40
30	Mass Defect-Based Pseudo-Isobaric Dimethyl Labeling for Proteome Quantification. <i>Analytical Chemistry</i> , 2013, 85, 10658-10663.	3.2	40
31	Multiepitope Templates Imprinted Particles for the Simultaneous Capture of Various Target Proteins. <i>Analytical Chemistry</i> , 2016, 88, 5621-5625.	3.2	40
32	Preparation of hydrophilic monolithic capillary column by in situ photo-polymerization of N-vinyl-2-pyrrolidinone and acrylamide for highly selective and sensitive enrichment of N-linked glycopeptides. <i>Talanta</i> , 2016, 146, 225-230.	2.9	40
33	Artificial Antibody with Site-Enhanced Multivalent Aptamers for Specific Capture of Circulating Tumor Cells. <i>Analytical Chemistry</i> , 2019, 91, 2591-2594.	3.2	40
34	Quantitative secretomic analysis of pancreatic cancer cells in serum-containing conditioned medium. <i>Scientific Reports</i> , 2016, 6, 37606.	1.6	39
35	Recent advances in stable isotope labeling based techniques for proteome relative quantification. <i>Journal of Chromatography A</i> , 2014, 1365, 1-11.	1.8	38
36	Hydrogen-bond interaction assisted branched copolymer HILIC material for separation and N-glycopeptides enrichment. <i>Talanta</i> , 2016, 158, 361-367.	2.9	38

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37	1.9 μ m superficially porous packing material with radially oriented pores and tailored pore size for ultra-fast separation of small molecules and biomolecules. <i>Journal of Chromatography A</i> , 2014, 1356, 148-156.	1.8	37
38	Recent Advances in Multidimensional Separation for Proteome Analysis. <i>Analytical Chemistry</i> , 2019, 91, 264-276.	3.2	37
39	Preparation of high efficiency and low carry-over immobilized enzymatic reactor with methacrylic acid-silica hybrid monolith as matrix for on-line protein digestion. <i>Journal of Chromatography A</i> , 2014, 1371, 48-57.	1.8	36
40	In-Depth Proteomic Quantification of Cell Secretome in Serum-Containing Conditioned Medium. <i>Analytical Chemistry</i> , 2016, 88, 4971-4978.	3.2	35
41	A multi-omics investigation of the molecular characteristics and classification of six metabolic syndrome relevant diseases. <i>Theranostics</i> , 2020, 10, 2029-2046.	4.6	35
42	Metagenomic Analysis of the Diversity of DNA Viruses in the Surface and Deep Sea of the South China Sea. <i>Frontiers in Microbiology</i> , 2019, 10, 1951.	1.5	34
43	Bis(zinc(II)-dipicolylamine)-functionalized sub-2 μ m core-shell microspheres for the analysis of N-phosphoproteome. <i>Nature Communications</i> , 2020, 11, 6226.	5.8	34
44	Epitope imprinting enhanced IMAC (EI-IMAC) for highly selective purification of His-tagged protein. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1960-1967.	2.9	33
45	4-Mercaptophenylboronic acid functionalized graphene oxide composites: Preparation, characterization and selective enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , 2016, 912, 41-48.	2.6	33
46	Covalent Probes for Aggregated Protein Imaging via Michael Addition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11335-11343.	7.2	33
47	Preparation and characterization of monolithic columns for capillary electrochromatography with weak electroosmotic flow. <i>Journal of Separation Science</i> , 2003, 26, 331-336.	1.3	32
48	Facile synthesis of gallium ions immobilized and adenosine functionalized magnetic nanoparticles with high selectivity for multi-phosphopeptides. <i>Analytica Chimica Acta</i> , 2015, 900, 46-55.	2.6	31
49	Advances of ionic liquids-based methods for protein analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 239-246.	5.8	31
50	Biphasic Microreactor for Efficient Membrane Protein Pretreatment with a Combination of Formic Acid Assisted Solubilization, On-Column pH Adjustment, Reduction, Alkylation, and Tryptic Digestion. <i>Analytical Chemistry</i> , 2013, 85, 8507-8512.	3.2	30
51	A polyethyleneimine-modified attapulgite as a novel solid support in matrix solid-phase dispersion for the extraction of cadmium traces in seafood products. <i>Talanta</i> , 2018, 180, 254-259.	2.9	30
52	Antibody-Free Hydrogel with the Synergistic Effect of Cell Imprinting and Boronate Affinity: Toward the Selective Capture and Release of Undamaged Circulating Tumor Cells. <i>Small</i> , 2020, 16, e1904199.	5.2	29
53	Bridged Hybrid Monolithic Column Coupled to High-Resolution Mass Spectrometry for Top-Down Proteomics. <i>Analytical Chemistry</i> , 2019, 91, 1743-1747.	3.2	28
54	Preparation and application of silver nanoparticle-functionalized magnetic graphene oxide nanocomposites. <i>Nanoscale</i> , 2017, 9, 1607-1615.	2.8	27

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55	Surface modification with highly-homogeneous porous silica layer for enzyme immobilization in capillary enzyme microreactors. <i>Talanta</i> , 2019, 197, 539-547.	2.9	27
56	In-Depth Proteome Coverage by Improving Efficiency for Membrane Proteome Analysis. <i>Analytical Chemistry</i> , 2017, 89, 5179-5185.	3.2	26
57	Enzymatic Reactor with Trypsin Immobilized on Graphene Oxide Modified Polymer Microspheres To Achieve Automated Proteome Quantification. <i>Analytical Chemistry</i> , 2017, 89, 6324-6329.	3.2	26
58	Multi-omics analysis to reveal disorders of cell metabolism and integrin signaling pathways induced by PM2.5. <i>Journal of Hazardous Materials</i> , 2022, 424, 127573.	6.5	25
59	Monodisperse Boronate Polymeric Particles Synthesized by a Precipitation Polymerization Strategy: Particle Formation and Glycoprotein Response from the Standpoint of the Flory-Huggins Model. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 2059-2066.	4.0	24
60	An integrated sample pretreatment platform for quantitative N-glycoproteome analysis with combination of on-line glycopeptide enrichment, deglycosylation and dimethyl labeling. <i>Analytica Chimica Acta</i> , 2014, 833, 1-8.	2.6	24
61	Aptamer-conjugated gold functionalized graphene oxide nanocomposites for human β -thrombin specific recognition. <i>Journal of Chromatography A</i> , 2016, 1427, 16-21.	1.8	24
62	Thiol-ene grafting of silica particles with three-dimensional branched copolymer for HILIC/cation-exchange chromatographic separation and N-glycopeptide enrichment. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1019-1027.	1.9	24
63	Molecular Dynamics Simulation-assisted Ionic Liquid Screening for Deep Coverage Proteome Analysis. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 1724-1737.	2.5	24
64	Bone marrow mesenchymal stem cell-derived exosomal miR-34c-5p ameliorates RIF by inhibiting the core fucosylation of multiple proteins. <i>Molecular Therapy</i> , 2022, 30, 763-781.	3.7	24
65	Properties and Applications of Mixed Packing Capillary Electrochromatography. <i>Journal of High Resolution Chromatography</i> , 1999, 22, 666-670.	2.0	23
66	Rapid separation of nucleosides by capillary electrochromatography with a methacrylate-based monolithic stationary phase. <i>Chromatographia</i> , 2003, 57, 629-633.	0.7	22
67	A hydrophilic immobilized trypsin reactor with N-vinyl-2-pyrrolidinone modified polymer microparticles as matrix for highly efficient protein digestion with low peptide residue. <i>Journal of Chromatography A</i> , 2012, 1246, 111-116.	1.8	22
68	Preparation of surface imprinted core-shell particles via a metal chelating strategy: specific recognition of porcine serum albumin. <i>Mikrochimica Acta</i> , 2016, 183, 345-352.	2.5	22
69	Effects of experimental parameters on the signal intensity of capillary electrophoresis electrospray ionization mass spectrometry in protein analysis. <i>Chromatographia</i> , 2003, 57, 617-621.	0.7	21
70	Teicoplanin bonded sub-2 μ m superficially porous particles for enantioseparation of native amino acids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 114, 247-253.	1.4	21
71	Identification of PGAM1 as a putative therapeutic target for pancreatic ductal adenocarcinoma metastasis using quantitative proteomics. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 3345-3357.	1.0	21
72	In-Depth <i>In Vivo</i> Crosslinking in Minutes by a Compact, Membrane-Permeable, and Alkynyl-Enrichable Crosslinker. <i>Analytical Chemistry</i> , 2022, 94, 7551-7558.	3.2	21

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73	Mass spectrometry-based tag and its application to high efficient peptide analysis – A review. <i>Talanta</i> , 2014, 126, 91-102.	2.9	20
74	Releasing N-glycan from Peptide N-terminus by N-terminal Succinylation Assisted Enzymatic Deglycosylation. <i>Scientific Reports</i> , 2015, 5, 9770.	1.6	19
75	Unique N-glycosylation of a recombinant exo-inulinase from <i>Kluyveromyces cicerisporus</i> and its effect on enzymatic activity and thermostability. <i>Journal of Biological Engineering</i> , 2019, 13, 81.	2.0	19
76	Establishment of a new OSCC cell line derived from OLK and identification of malignant transformation-related proteins by differential proteomics approach. <i>Scientific Reports</i> , 2015, 5, 12668.	1.6	18
77	Fabrication and Evaluation of a Xenogeneic Decellularized Nerve-Derived Material: Preclinical Studies of a New Strategy for Nerve Repair. <i>Neurotherapeutics</i> , 2020, 17, 356-370.	2.1	18
78	Integrated Platform for Proteome Profiling with Combination of Microreversed Phase Based Protein and Peptide Separation via Online Solvent Exchange and Protein Digestion. <i>Analytical Chemistry</i> , 2012, 84, 5124-5132.	3.2	17
79	Nano-flow multidimensional liquid chromatography platform integrated with combination of protein and peptide separation for proteome analysis. <i>Journal of Separation Science</i> , 2012, 35, 1764-1770.	1.3	17
80	Macro-mesoporous organosilica monoliths with bridged-ethylene and terminal-vinyl: High-density click functionalization for chromatographic separation. <i>Analytica Chimica Acta</i> , 2018, 1038, 198-205.	2.6	17
81	Regulation of Fluorescence Solvatochromism To Resolve Cellular Polarity upon Protein Aggregation. <i>Analytical Chemistry</i> , 2021, 93, 16447-16455.	3.2	17
82	Application of polyethyleneimine-modified attapulgite for the solid-phase extraction of chlorophenols at trace levels in environmental water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6643-6651.	1.9	15
83	A Novel Benthic Phage Infecting <i>Shewanella</i> with Strong Replication Ability. <i>Viruses</i> , 2019, 11, 1081.	1.5	15
84	Perturbation of Specific Signaling Pathways Is Involved in Initiation of Mouse Liver Fibrosis. <i>Hepatology</i> , 2021, 73, 1551-1569.	3.6	15
85	Exogenous artificial DNA forms chromatin structure with active transcription in yeast. <i>Science China Life Sciences</i> , 2021, , 1.	2.3	15
86	Aptamer-immobilized open tubular capillary column to capture circulating tumor cells for proteome analysis. <i>Talanta</i> , 2017, 175, 189-193.	2.9	14
87	Well-Defined Materials for High-Performance Chromatographic Separation. <i>Annual Review of Analytical Chemistry</i> , 2019, 12, 451-473.	2.8	14
88	Quantitative proteomics analysis of deer antlerogenic periosteal cells reveals potential bioactive factors in velvet antlers. <i>Journal of Chromatography A</i> , 2020, 1609, 460496.	1.8	14
89	Prefractionation and separation by C8 stationary phase: Effective strategies for integral membrane proteins analysis. <i>Talanta</i> , 2012, 88, 567-572.	2.9	13
90	Integrated platform with a combination of online digestion and ¹⁸ O labeling for proteome quantification via an immobilized trypsin microreactor. <i>Analyst</i> , The, 2015, 140, 5227-5234.	1.7	13

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91	Dandelion-like core-shell silica microspheres with hierarchical pores. <i>RSC Advances</i> , 2015, 5, 26269-26272.	1.7	13
92	Proteomics Investigations into Serum Proteins Adsorbed by High-Flux and Low-Flux Dialysis Membranes. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1700079.	0.8	13
93	Ethane-bridged hybrid monoliths with well-defined mesoporosity and great stability for high-performance peptide separation. <i>Analytica Chimica Acta</i> , 2018, 1019, 128-134.	2.6	13
94	Surface sieving coordinated IMAC material for purification of His-tagged proteins. <i>Analytica Chimica Acta</i> , 2018, 997, 9-15.	2.6	13
95	A Multiplex Fragment-Ion-Based Method for Accurate Proteome Quantification. <i>Analytical Chemistry</i> , 2019, 91, 3921-3928.	3.2	13
96	Novel synthesized attapulgite nanoparticles-based hydrophobic monolithic column for in-tube solid-phase microextraction of thiosildenafil, pseudovardenafil, and norneosildenafil in functional foods. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1871-1882.	1.9	13
97	A paired ions scoring algorithm based on Morpheus for simultaneous identification and quantification of proteome samples prepared by isobaric peptide termini labeling strategies. <i>Proteomics</i> , 2015, 15, 1781-1788.	1.3	12
98	Ionic liquid-based method for direct proteome characterization of velvet antler cartilage. <i>Talanta</i> , 2016, 161, 541-546.	2.9	12
99	Pseudo isobaric peptide termini labelling for relative proteome quantification by SWATH MS acquisition. <i>Analyst</i> , 2016, 141, 4912-4918.	1.7	12
100	imFASP: An integrated approach combining in-situ filter-aided sample pretreatment with microwave-assisted protein digestion for fast and efficient proteome sample preparation. <i>Analytica Chimica Acta</i> , 2016, 912, 58-64.	2.6	12
101	Ionic liquid-assisted protein extraction method for plant phosphoproteome analysis. <i>Talanta</i> , 2020, 213, 120848.	2.9	12
102	Transferrin recognition based on a protein imprinted material prepared by hierarchical imprinting technique. <i>Mikrochimica Acta</i> , 2013, 180, 1379-1386.	2.5	11
103	Depletion of internal peptides by site-selective blocking, phosphate labeling, and TiO ₂ adsorption for in-depth analysis of C-terminome. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3867-3874.	1.9	11
104	Dissolving capability difference based sequential extraction: A versatile tool for in-depth membrane proteome analysis. <i>Analytica Chimica Acta</i> , 2016, 945, 39-46.	2.6	11
105	Site-Specific Quantification of Persulfidome by Combining an Isotope-Coded Affinity Tag with Strong Cation-Exchange-Based Fractionation. <i>Analytical Chemistry</i> , 2019, 91, 14860-14864.	3.2	11
106	Comprehensive Analysis of Protein N-Terminome by Guanidination of Terminal Amines. <i>Analytical Chemistry</i> , 2020, 92, 567-572.	3.2	11
107	Polyethyleneimine-functionalized Fe ₃ O ₄ /attapulgite particles for hydrophilic interaction-based magnetic dispersive solid-phase extraction of fluoroquinolones in chicken muscle. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 3529-3540.	1.9	11
108	PP2A-mTOR-p70S6K/4E-BP1 axis regulates M1 polarization of pulmonary macrophages and promotes ambient particulate matter induced mouse lung injury. <i>Journal of Hazardous Materials</i> , 2022, 424, 127624.	6.5	11

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109	C18-Functionalized Amine-Bridged Hybrid Monoliths for Mass Spectrometry-Friendly Peptide Separation and Highly Sensitive Proteomic Analysis. <i>Analytical Chemistry</i> , 2022, 94, 6084-6088.	3.2	11
110	Gold-Coated Nanoelectrospray Emitters Fabricated by Gravity-Assisted Etching Self-Termination and Electroless Deposition. <i>Analytical Chemistry</i> , 2016, 88, 11347-11351.	3.2	10
111	Analysis of melamine and analogs in complex matrices: Advances and trends. <i>Journal of Separation Science</i> , 2017, 40, 170-182.	1.3	10
112	Carboxypeptidase B-Assisted Charge-Based Fractional Diagonal Chromatography for Deep Screening of C-Terminome. <i>Analytical Chemistry</i> , 2020, 92, 8005-8009.	3.2	10
113	Comparative proteomics analysis of <i>Pichia pastoris</i> cultivating in glucose and methanol. <i>Synthetic and Systems Biotechnology</i> , 2022, 7, 862-868.	1.8	10
114	SEPARATION OF NEUTRAL COMPOUNDS BY HIGH SPEED CAPILLARY ELECTROCHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1999, 22, 2715-2758.	0.5	9
115	Glycan Moieties as Bait to Fish Plasma Membrane Proteins. <i>Analytical Chemistry</i> , 2016, 88, 5065-5071.	3.2	9
116	Fast MS/MS acquisition without dynamic exclusion enables precise and accurate quantification of proteome by MS/MS fragment intensity. <i>Scientific Reports</i> , 2016, 6, 26392.	1.6	9
117	A robust and effective intact protein fractionation strategy by GO/PEI/Au/PEG nanocomposites for human plasma proteome analysis. <i>Talanta</i> , 2018, 178, 49-56.	2.9	9
118	Proteomics investigation of the changes in serum proteins after high- and low-flux hemodialysis. <i>Renal Failure</i> , 2018, 40, 506-513.	0.8	9
119	Preparation of attapulgite nanoparticles-based hybrid monolithic column with covalent bond for hydrophilic interaction liquid chromatography. <i>Talanta</i> , 2018, 189, 397-403.	2.9	9
120	Cell-imprinted polydimethylsiloxane for the selective cell adhesion. <i>Chinese Chemical Letters</i> , 2019, 30, 672-675.	4.8	9
121	Advances and applications of stable isotope labeling-based methods for proteome relative quantitation. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115815.	5.8	9
122	Thermodynamical Origin of Nonmonotonic Inserting Behavior of Imidazole Ionic Liquids into the Lipid Bilayer. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9926-9932.	2.1	9
123	Targeted killing of tumor cells based on isoelectric point suitable nanoceria-rod with high oxygen vacancies. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1410-1417.	2.9	9
124	Partially isobaric peptide termini labeling assisted proteome quantitation based on MS and MS/MS signals. <i>Journal of Proteomics</i> , 2015, 114, 152-160.	1.2	8
125	Integrated platform with combination of on-line protein digestion, isotope dimethyl labeling and multidimensional peptide separation for high-throughput proteome quantification. <i>Analytica Chimica Acta</i> , 2018, 1000, 172-179.	2.6	8
126	Proteomic Analysis Reveals that EPHX1 Contributes to 5-Fluorouracil Resistance in a Human Hepatocellular Carcinoma Cell Line. <i>Proteomics - Clinical Applications</i> , 2020, 14, e1900080.	0.8	8

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127	Decrease of dynamic range of proteins in human plasma by ampholine immobilized polymer microspheres. <i>Analytica Chimica Acta</i> , 2014, 826, 43-50.	2.6	7
128	Proteomic study provides new clues for complications of hemodialysis caused by dialysis membrane. <i>Science Bulletin</i> , 2017, 62, 1251-1255.	4.3	7
129	Determination of vitamin A in blood serum based on solid-phase extraction using cetyltrimethyl ammonium bromide-modified attapulgit. <i>Journal of Separation Science</i> , 2019, 42, 3521-3527.	1.3	7
130	Quantitative proteomics identifies FOLR1 to drive sorafenib resistance via activating autophagy in hepatocellular carcinoma cells. <i>Carcinogenesis</i> , 2021, 42, 753-761.	1.3	7
131	Covalent Probes for Aggregated Protein Imaging via Michael Addition. <i>Angewandte Chemie</i> , 2021, 133, 11436-11444.	1.6	7
132	Selective Removal of Unhydrolyzed Monolinked Peptides from Enriched Crosslinked Peptides To Improve the Coverage of Protein Complex Analysis. <i>Analytical Chemistry</i> , 2022, 94, 3904-3913.	3.2	7
133	Ethane-Bridged Hybrid Monolithic Column with Large Mesopores for Boosting Top-Down Proteomic Analysis. <i>Analytical Chemistry</i> , 2022, 94, 6172-6179.	3.2	7
134	Characteristics of electroosmotic flow and migration of neutral solutes under stepwise gradient elution of capillary electrochromatography. <i>Electrophoresis</i> , 2002, 23, 2417-2423.	1.3	6
135	Recent advances in proteolysis and peptide/protein separation by chromatographic strategies. <i>Science China Chemistry</i> , 2010, 53, 685-694.	4.2	6
136	Integrated SDS removal and protein digestion by hollow fiber membrane based device for SDS-assisted proteome analysis. <i>Talanta</i> , 2015, 141, 235-238.	2.9	6
137	Protein-imprinted material for the treatment of antibiotic-resistant bacteria. <i>Science Bulletin</i> , 2016, 61, 1890-1891.	4.3	6
138	Cleavable hydrophobic derivatization strategy for enrichment and identification of phosphorylated lysine peptides. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4159-4166.	1.9	6
139	Aptamer functionalized magnetic graphene oxide nanocomposites for highly selective capture of histones. <i>Electrophoresis</i> , 2019, 40, 2135-2141.	1.3	6
140	Isolation and identification of phosphorylated lysine peptides by retention time difference combining dimethyl labeling strategy. <i>Science China Chemistry</i> , 2019, 62, 708-712.	4.2	6
141	Smart Cutter: An Efficient Strategy for Increasing the Coverage of Chemical Cross-Linking Analysis. <i>Analytical Chemistry</i> , 2020, 92, 1097-1105.	3.2	6
142	Fully automated sample treatment method for high throughput proteome analysis. <i>Science China Chemistry</i> , 2021, 64, 313-321.	4.2	6
143	Silver-metal-organic framework-embedded polylactic acid electrospun fibrous membranes for efficient inhibition of bacteria. <i>Dalton Transactions</i> , 2022, 51, 6673-6681.	1.6	6
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