

# Lihua Zhang

## List of Publications by Citations

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161  
papers

2,978  
citations

32  
h-index

45  
g-index

187  
ext. papers

3,583  
ext. citations

6.3  
avg, IF

5.26  
L-index

#	Paper	IF	Citations
161	Effective isolation of exosomes with polyethylene glycol from cell culture supernatant for in-depth proteome profiling. <i>Analyst, The</i> , <b>2016</b> , 141, 4640-6	5	111
160	Capillary Electrochromatography with Monolithic Poly(styrene-co-divinylbenzene-co-methacrylic acid) as the Stationary Phase. <i>Journal of High Resolution Chromatography</i> , <b>2000</b> , 23, 67-72		96
159	Boronic Acid functionalized core-shell polymer nanoparticles prepared by distillation precipitation polymerization for glycopeptide enrichment. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 9056-62	4.8	95
158	New GO-PEI-Au-L-Cys ZIC-HILIC composites: synthesis and selective enrichment of glycopeptides. <i>Nanoscale</i> , <b>2014</b> , 6, 5616-9	7.7	85
157	Protein-imprinted materials: rational design, application and challenges. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 403, 2173-83	4.4	80
156	Synthesis of adenosine functionalized metal immobilized magnetic nanoparticles for highly selective and sensitive enrichment of phosphopeptides. <i>Chemical Communications</i> , <b>2012</b> , 48, 6274-6	5.8	77
155	Hydrophilic GO/Fe <sub>3</sub> O <sub>4</sub> /Au/PEG nanocomposites for highly selective enrichment of glycopeptides. <i>Nanoscale</i> , <b>2016</b> , 8, 4894-7	7.7	68
154	Epitope Imprinting Technology: Progress, Applications, and Perspectives toward Artificial Antibodies. <i>Advanced Materials</i> , <b>2019</b> , 31, e1902048	24	67
153	Surface-imprinted nanoparticles prepared with a His-tag-anchored epitope as the template. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 4617-20	7.8	58
152	Silica microspheres with fibrous shells: synthesis and application in HPLC. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 9631-8	7.8	57
151	Attapulgite Nanoparticles-Modified Monolithic Column for Hydrophilic In-Tube Solid-Phase Microextraction of Cyromazine and Melamine. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 1535-41	7.8	50
150	Preparation of protein imprinted materials by hierarchical imprinting techniques and application in selective depletion of albumin from human serum. <i>Scientific Reports</i> , <b>2014</b> , 4, 5487	4.9	49
149	Thermoresponsive Epitope Surface-Imprinted Nanoparticles for Specific Capture and Release of Target Protein from Human Plasma. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 5747-51	9.5	49
148	Epitope imprinted polyethersulfone beads by self-assembly for target protein capture from the plasma proteome. <i>Chemical Communications</i> , <b>2014</b> , 50, 9521-4	5.8	47
147	Boronic Acid-Functionalized Particles with Flexible Three-Dimensional Polymer Branch for Highly Specific Recognition of Glycoproteins. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 9552-6	9.5	47
146	Surface protein imprinted core-shell particles for high selective lysozyme recognition prepared by reversible addition-fragmentation chain transfer strategy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 21954-60	9.5	45
145	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> , <b>2015</b> , 51, 3896-8	5.8	44

144	3-Carboxybenzoboroxole Functionalized Polyethylenimine Modified Magnetic Graphene Oxide Nanocomposites for Human Plasma Glycoproteins Enrichment under Physiological Conditions. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 2671-2677	7.8	43
143	1-Dodecyl-3-methylimidazolium chloride-assisted sample preparation method for efficient integral membrane proteome analysis. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 7544-50	7.8	42
142	Gold nanoparticles immobilized hydrophilic monoliths with variable functional modification for highly selective enrichment and on-line deglycosylation of glycopeptides. <i>Analytica Chimica Acta</i> , <b>2015</b> , 900, 83-9	6.6	40
141	Integrated platform for proteome analysis with combination of protein and peptide separation via online digestion. <i>Analytical Chemistry</i> , <b>2009</b> , 81, 8708-14	7.8	40
140	Clickable Periodic Mesoporous Organosilica Monolith for Highly Efficient Capillary Chromatographic Separation. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 1521-5	7.8	38
139	Mass defect-based pseudo-isobaric dimethyl labeling for proteome quantification. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 10658-63	7.8	38
138	Dendrimer-grafted graphene oxide nanosheets as novel support for trypsin immobilization to achieve fast on-plate digestion of proteins. <i>Talanta</i> , <b>2014</b> , 122, 278-84	6.2	37
137	Recent advances in monolithic columns for protein and peptide separation by capillary liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 2095-106	4.4	37
136	Synthesis of Zwitterionic Polymer Particles via Combined Distillation Precipitation Polymerization and Click Chemistry for Highly Efficient Enrichment of Glycopeptide. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 22018-24	9.5	37
135	Hydrogen-bond interaction assisted branched copolymer HILIC material for separation and N-glycopeptides enrichment. <i>Talanta</i> , <b>2016</b> , 158, 361-367	6.2	36
134	Aptamer functionalized hydrophilic polymer monolith with gold nanoparticles modification for the sensitive detection of human $\alpha$ -thrombin. <i>Talanta</i> , <b>2016</b> , 154, 555-9	6.2	36
133	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> , <b>2016</b> , 146, 225-30	6.2	35
132	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> , <b>2014</b> , 1371, 48-57	4.5	34
131	Hydrophobic Tagging-Assisted N-Termini Enrichment for In-Depth N-Terminome Analysis. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 8390-5	7.8	32
130	Multiepitope Templates Imprinted Particles for the Simultaneous Capture of Various Target Proteins. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 5621-5	7.8	32
129	Recent advances in stable isotope labeling based techniques for proteome relative quantification. <i>Journal of Chromatography A</i> , <b>2014</b> , 1365, 1-11	4.5	31
128	Artificial Antibody with Site-Enhanced Multivalent Aptamers for Specific Capture of Circulating Tumor Cells. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 2591-2594	7.8	30
127	1.9 $\mu$ 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> , <b>2014</b> , 1356, 148-56	4.5	29

126	High Anti-Interfering Profiling of Endogenous Glycopeptides for Human Plasma by the Dual-Hydrophilic Metal-Organic Framework. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 4852-4859	7.8	28
125	4-Mercaptophenylboronic acid functionalized graphene oxide composites: Preparation, characterization and selective enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , <b>2016</b> , 912, 41-8	6.6	28
124	Preparation and characterization of monolithic columns for capillary electrochromatography with weak electroosmotic flow. <i>Journal of Separation Science</i> , <b>2003</b> , 26, 331-336	3.4	28
123	Advances in exosome isolation methods and their applications in proteomic analysis of biological samples. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 5351-5361	4.4	27
122	In-Depth Proteomic Quantification of Cell Secretome in Serum-Containing Conditioned Medium. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 4971-8	7.8	27
121	Facile synthesis of gallium ions immobilized and adenosine functionalized magnetic nanoparticles with high selectivity for multi-phosphopeptides. <i>Analytica Chimica Acta</i> , <b>2015</b> , 900, 46-55	6.6	25
120	Quantitative secretomic analysis of pancreatic cancer cells in serum-containing conditioned medium. <i>Scientific Reports</i> , <b>2016</b> , 6, 37606	4.9	25
119	Epitope imprinting enhanced IMAC (EI-IMAC) for highly selective purification of His-tagged protein. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 1960-1967	7.3	25
118	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> , <b>2018</b> , 180, 254-259	6.2	24
117	Enzymatic Reactor with Trypsin Immobilized on Graphene Oxide Modified Polymer Microspheres To Achieve Automated Proteome Quantification. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 6324-6329	7.8	23
116	Preparation and application of silver nanoparticle-functionalized magnetic graphene oxide nanocomposites. <i>Nanoscale</i> , <b>2017</b> , 9, 1607-1615	7.7	23
115	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> , <b>2014</b> , 833, 1-8	6.6	23
114	Recent Advances in Multidimensional Separation for Proteome Analysis. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 264-276	7.8	23
113	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 &amp; Interfaces</i> , <b>2014</b> , 6, 2059-66	9.5	22
112	Metagenomic Analysis of the Diversity of DNA Viruses in the Surface and Deep Sea of the South China Sea. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1951	5.7	21
111	Surface modification with highly-homogeneous porous silica layer for enzyme immobilization in capillary enzyme microreactors. <i>Talanta</i> , <b>2019</b> , 197, 539-547	6.2	21
110	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> , <b>2012</b> , 1246, 111-6	4.5	21
109	Properties and Applications of Mixed Packing Capillary Electrochromatography. <i>Journal of High Resolution Chromatography</i> , <b>1999</b> , 22, 666-670		21

108	Effects of experimental parameters on the signal intensity of capillary electrophoresis electrospray ionization mass spectrometry in protein analysis. <i>Chromatographia</i> , <b>2003</b> , 57, 617-621	2.1	20
107	Rapid separation of nucleosides by capillary electrochromatography with a methacrylate-based monolithic stationary phase. <i>Chromatographia</i> , <b>2003</b> , 57, 629-633	2.1	19
106	Teicoplanin bonded sub-2 $\mu$ m superficially porous particles for enantioseparation of native amino acids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 114, 247-53	3.5	18
105	Releasing N-glycan from peptide N-terminus by N-terminal succinylation assisted enzymatic deglycosylation. <i>Scientific Reports</i> , <b>2015</b> , 5, 9770	4.9	18
104	"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> , <b>2018</b> , 410, 1019-1027	4.4	18
103	Mass spectrometry-based tag and its application to high efficient peptide analysis - A review. <i>Talanta</i> , <b>2014</b> , 126, 91-102	6.2	18
102	Advances of ionic liquids-based methods for protein analysis. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 108, 239-246	14.6	18
101	In-Depth Proteome Coverage by Improving Efficiency for Membrane Proteome Analysis. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 5179-5185	7.8	17
100	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> , <b>2020</b> , 16, e19041199	11.99	17
99	Aptamer-conjugated gold functionalized graphene oxide nanocomposites for human $\beta$ -thrombin specific recognition. <i>Journal of Chromatography A</i> , <b>2016</b> , 1427, 16-21	4.5	17
98	Preparation of surface imprinted core-shell particles via a metal chelating strategy: specific recognition of porcine serum albumin. <i>Mikrochimica Acta</i> , <b>2016</b> , 183, 345-352	5.8	17
97	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> , <b>2013</b> , 85, 8507-12	7.8	17
96	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> , <b>2012</b> , 84, 5124-32	7.8	17
95	Bridged Hybrid Monolithic Column Coupled to High-Resolution Mass Spectrometry for Top-Down Proteomics. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 1743-1747	7.8	16
94	Bis(zinc(II)-dipicolylamine)-functionalized sub-2 $\mu$ m core-shell microspheres for the analysis of N-phosphoproteome. <i>Nature Communications</i> , <b>2020</b> , 11, 6226	17.4	15
93	Nano-flow multidimensional liquid chromatography platform integrated with combination of protein and peptide separation for proteome analysis. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 1764-70	3.4	15
92	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> , <b>2015</b> , 5, 12668	4.9	14
91	A multi-omics investigation of the molecular characteristics and classification of six metabolic syndrome relevant diseases. <i>Theranostics</i> , <b>2020</b> , 10, 2029-2046	12.1	14

90	Identification of PGAM1 as a putative therapeutic target for pancreatic ductal adenocarcinoma metastasis using quantitative proteomics. <i>OncoTargets and Therapy</i> , <b>2018</b> , 11, 3345-3357	4.4	14
89	Application of polyethyleneimine-modified attapulгите for the solid-phase extraction of chlorophenols at trace levels in environmental water samples. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 6643-6651	4.4	14
88	Integrated platform with a combination of online digestion and (18)O labeling for proteome quantification via an immobilized trypsin microreactor. <i>Analyst, The</i> , <b>2015</b> , 140, 5227-34	5	13
87	Aptamer-immobilized open tubular capillary column to capture circulating tumor cells for proteome analysis. <i>Talanta</i> , <b>2017</b> , 175, 189-193	6.2	12
86	Proteomics Investigations into Serum Proteins Adsorbed by High-Flux and Low-Flux Dialysis Membranes. <i>Proteomics - Clinical Applications</i> , <b>2017</b> , 11, 1700079	3.1	12
85	Covalent Probes for Aggregated Protein Imaging via Michael Addition. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 11335-11343	16.4	12
84	Surface sieving coordinated IMAC material for purification of His-tagged proteins. <i>Analytica Chimica Acta</i> , <b>2018</b> , 997, 9-15	6.6	11
83	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> , <b>2016</b> , 912, 58-64	6.6	11
82	Transferrin recognition based on a protein imprinted material prepared by hierarchical imprinting technique. <i>Mikrochimica Acta</i> , <b>2013</b> , 180, 1379-1386	5.8	11
81	Prefractionation and separation by C8 stationary phase: effective strategies for integral membrane proteins analysis. <i>Talanta</i> , <b>2012</b> , 88, 567-72	6.2	11
80	Molecular Dynamics Simulation-assisted Ionic Liquid Screening for Deep Coverage Proteome Analysis. <i>Molecular and Cellular Proteomics</i> , <b>2020</b> , 19, 1724-1737	7.6	11
79	Ionic liquid-based method for direct proteome characterization of velvet antler cartilage. <i>Talanta</i> , <b>2016</b> , 161, 541-546	6.2	11
78	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> , <b>2015</b> , 15, 1781-8	4.8	10
77	Fabrication and Evaluation of a Xenogenic Decellularized Nerve-Derived Material: Preclinical Studies of a New Strategy for Nerve Repair. <i>Neurotherapeutics</i> , <b>2020</b> , 17, 356-370	6.4	10
76	Dandelion-like core-shell silica microspheres with hierarchical pores. <i>RSC Advances</i> , <b>2015</b> , 5, 26269-26273	3.7	9
75	Pseudo isobaric peptide termini labelling for relative proteome quantification by SWATH MS acquisition. <i>Analyst, The</i> , <b>2016</b> , 141, 4912-8	5	9
74	Unique -glycosylation of a recombinant exo-inulinase from and its effect on enzymatic activity and thermostability. <i>Journal of Biological Engineering</i> , <b>2019</b> , 13, 81	6.3	9
73	Macro-mesoporous organosilica monoliths with bridged-ethylene and terminal-vinyl: High-density click functionalization for chromatographic separation. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1038, 198-205	6.6	9

72	Partially isobaric peptide termini labeling assisted proteome quantitation based on MS and MS/MS signals. <i>Journal of Proteomics</i> , <b>2015</b> , 114, 152-60	3.9	8
71	Analysis of melamine and analogs in complex matrices: Advances and trends. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 170-182	3.4	8
70	SEPARATION OF NEUTRAL COMPOUNDS BY HIGH SPEED CAPILLARY ELECTROCHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1999</b> , 22, 2715-2758	1.3	8
69	Dissolving capability difference based sequential extraction: A versatile tool for in-depth membrane proteome analysis. <i>Analytica Chimica Acta</i> , <b>2016</b> , 945, 39-46	6.6	8
68	A Novel Benthic Phage Infecting with Strong Replication Ability. <i>Viruses</i> , <b>2019</b> , 11,	6.2	8
67	Ethane-bridged hybrid monoliths with well-defined mesoporosity and great stability for high-performance peptide separation. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1019, 128-134	6.6	7
66	Preparation of attapulgite nanoparticles-based hybrid monolithic column with covalent bond for hydrophilic interaction liquid chromatography. <i>Talanta</i> , <b>2018</b> , 189, 397-403	6.2	7
65	Depletion of internal peptides by site-selective blocking, phosphate labeling, and TiO <sub>2</sub> adsorption for in-depth analysis of C-terminome. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 3867-74	4.4	7
64	A Multiplex Fragment-Ion-Based Method for Accurate Proteome Quantification. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 3921-3928	7.8	7
63	Proteomics investigation of the changes in serum proteins after high- and low-flux hemodialysis. <i>Renal Failure</i> , <b>2018</b> , 40, 506-513	2.9	7
62	Cleavable hydrophobic derivatization strategy for enrichment and identification of phosphorylated lysine peptides. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 4159-4166	4.4	6
61	Well-Defined Materials for High-Performance Chromatographic Separation. <i>Annual Review of Analytical Chemistry</i> , <b>2019</b> , 12, 451-473	12.5	6
60	Integrated SDS removal and protein digestion by hollow fiber membrane based device for SDS-assisted proteome analysis. <i>Talanta</i> , <b>2015</b> , 141, 235-8	6.2	6
59	Ionic liquid-assisted protein extraction method for plant phosphoproteome analysis. <i>Talanta</i> , <b>2020</b> , 213, 120848	6.2	6
58	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> , <b>2018</b> , 1000, 172-179	6.6	6
57	A robust and effective intact protein fractionation strategy by GO/PEI/Au/PEG nanocomposites for human plasma proteome analysis. <i>Talanta</i> , <b>2018</b> , 178, 49-56	6.2	6
56	Gold-Coated Nanoelectrospray Emitters Fabricated by Gravity-Assisted Etching Self-Termination and Electroless Deposition. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 11347-11351	7.8	6
55	Site-Specific Quantification of Persulfidome by Combining an Isotope-Coded Affinity Tag with Strong Cation-Exchange-Based Fractionation. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 14860-14864	7.8	6

54	Comprehensive Analysis of Protein N-Terminome by Guanidination of Terminal Amines. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 567-572	7.8	6
53	Glycan Moieties as Bait to Fish Plasma Membrane Proteins. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 5065-71	7.8	6
52	Aptamer functionalized magnetic graphene oxide nanocomposites for highly selective capture of histones. <i>Electrophoresis</i> , <b>2019</b> , 40, 2135-2141	3.6	5
51	Isolation and identification of phosphorylated lysine peptides by retention time difference combining dimethyl labeling strategy. <i>Science China Chemistry</i> , <b>2019</b> , 62, 708-712	7.9	5
50	Fast MS/MS acquisition without dynamic exclusion enables precise and accurate quantification of proteome by MS/MS fragment intensity. <i>Scientific Reports</i> , <b>2016</b> , 6, 26392	4.9	5
49	Determination of vitamin A in blood serum based on solid-phase extraction using cetyltrimethyl ammonium bromide-modified attapulgite. <i>Journal of Separation Science</i> , <b>2019</b> , 42, 3521-3527	3.4	5
48	Decrease of dynamic range of proteins in human plasma by ampholine immobilized polymer microspheres. <i>Analytica Chimica Acta</i> , <b>2014</b> , 826, 43-50	6.6	5
47	Recent advances in proteolysis and peptide/protein separation by chromatographic strategies. <i>Science China Chemistry</i> , <b>2010</b> , 53, 685-694	7.9	5
46	Protein-imprinted material for the treatment of antibiotic-resistant bacteria. <i>Science Bulletin</i> , <b>2016</b> , 61, 1890-1891	10.6	5
45	Quantitative proteomics analysis of deer antlerogenic periosteal cells reveals potential bioactive factors in velvet antlers. <i>Journal of Chromatography A</i> , <b>2020</b> , 1609, 460496	4.5	5
44	Perturbation of Specific Signaling Pathways Is Involved in Initiation of Mouse Liver Fibrosis. <i>Hepatology</i> , <b>2021</b> , 73, 1551-1569	11.2	5
43	Carboxypeptidase B-Assisted Charge-Based Fractional Diagonal Chromatography for Deep Screening of C-Terminome. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 8005-8009	7.8	4
42	Proteomic Analysis Reveals that EPHX1 Contributes to 5-Fluorouracil Resistance in a Human Hepatocellular Carcinoma Cell Line. <i>Proteomics - Clinical Applications</i> , <b>2020</b> , 14, e1900080	3.1	4
41	Proteomic study provides new clues for complications of hemodialysis caused by dialysis membrane. <i>Science Bulletin</i> , <b>2017</b> , 62, 1251-1255	10.6	4
40	Characteristics of electroosmotic flow and migration of neutral solutes under stepwise gradient elution of capillary electrochromatography. <i>Electrophoresis</i> , <b>2002</b> , 23, 2417-23	3.6	4
39	Abnormal phenomenon of the dependence of the retention factors for uncharged species on applied voltage in capillary electrochromatography. <i>Chromatographia</i> , <b>2003</b> , 57, 777-781	2.1	4
38	Covalent Probes for Aggregated Protein Imaging via Michael Addition. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 11436-11444	3.6	4
37	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> , <b>2021</b> , 413, 1871-1882	4.4	4



36	Advances and applications of stable isotope labeling-based methods for proteome relative quantitation. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 124, 115815	14.6	3
35	Preparation of polyacrylamide based monolith with immobilized pH gradient and its application for protein analysis. <i>Science in China Series B: Chemistry</i> , <b>2007</b> , 50, 526-529		3
34	Multi-omics analysis to reveal disorders of cell metabolism and integrin signaling pathways induced by PM. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 424, 127573	12.8	3
33	Fully automated sample treatment method for high throughput proteome analysis. <i>Science China Chemistry</i> , <b>2021</b> , 64, 313-321	7.9	3
32	Identification of interactive molecules between antler stem cells and dermal papilla cells using an in vitro co-culture system. <i>Journal of Molecular Histology</i> , <b>2020</b> , 51, 15-31	3.3	3
31	Quantitative proteomics identifies FOLR1 to drive sorafenib resistance via activating autophagy in hepatocellular carcinoma cells. <i>Carcinogenesis</i> , <b>2021</b> , 42, 753-761	4.6	3
30	Cell-imprinted polydimethylsiloxane for the selective cell adhesion. <i>Chinese Chemical Letters</i> , <b>2019</b> , 30, 672-675	8.1	3
29	Poly(ether sulfone) nanoparticles and controllably modified nanoparticles obtained through temperature-dependent cryogelation. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 47485	2.9	2
28	A rapid protein sample preparation method based on organic-aqueous microwave irradiation technique. <i>Science China Chemistry</i> , <b>2015</b> , 58, 526-531	7.9	2
27	Thermodynamical Origin of Nonmonotonic Inserting Behavior of Imidazole Ionic Liquids into the Lipid Bilayer. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 9926-9932	6.4	2
26	Bone marrow mesenchymal stem cell-derived exosomal miR-34c-5p ameliorates RIF by inhibiting the core fucosylation of multiple proteins. <i>Molecular Therapy</i> , <b>2021</b> ,	11.7	2
25	Smart Cutter: An Efficient Strategy for Increasing the Coverage of Chemical Cross-Linking Analysis. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 1097-1105	7.8	2
24	Combination of continuous digestion by peptidase and spectral similarity comparisons for peptide sequencing. <i>Journal of Separation Science</i> , <b>2020</b> , 43, 3665-3673	3.4	2
23	Ampholine immobilized polymer microspheres for increasing coverage of human urinary proteome. <i>Talanta</i> , <b>2020</b> , 215, 120931	6.2	2
22	Exogenous artificial DNA forms chromatin structure with active transcription in yeast.. <i>Science China Life Sciences</i> , <b>2021</b> , 1	8.5	2
21	NIPTL-Novo: Non-isobaric peptide termini labeling assisted peptide de novo sequencing. <i>Journal of Proteomics</i> , <b>2017</b> , 154, 40-48	3.9	1
20	Label-free quantification of differentially expressed proteins in mouse liver cancer cells with high and low metastasis rates by a SWATH acquisition method. <i>Science China Chemistry</i> , <b>2014</b> , 57, 718-722	7.9	1
19	Spatially resolved profiling of protein conformation and interactions by biocompatible chemical cross-linking in living cells		1

18	Improving the Identification Coverage of Protein Interactome by Enhancing the Click Chemistry-based Cross-linking Enrichment Efficiency		1
17	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> , <b>2021</b> , 424, 127624	12.8	1
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13	Sequential amidation of peptide C-termini for improving fragmentation efficiency. <i>Journal of Mass Spectrometry</i> , <b>2020</b> , 56, e4529	2.2	1
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11	Silver(I) metal-organic framework-embedded polylactic acid electrospun fibrous membranes for efficient inhibition of bacteria.. <i>Dalton Transactions</i> , <b>2022</b> ,	4.3	1
10	Antibody-free enrichment method for proteome-wide analysis of endogenous SUMOylation sites. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1154, 338324	6.6	0
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7	Comparative proteomics analysis of cultivating in glucose and methanol.. <i>Synthetic and Systems Biotechnology</i> , <b>2022</b> , 7, 862-868	4.2	0
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1	Monolithic Materials-Based RPLC-MS for Proteoform Separation and Identification. <i>Methods in Molecular Biology</i> , <b>2022</b> , 43-53	1.4	

