Peng-Yuan Yang

List of Publications by Year
in descending order

157	5,916	101384	91712
papers	citations	36	69
		h-index	g-index

167	167	167	9916
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Zc3h13 Regulates Nuclear RNA m6A Methylation and Mouse Embryonic Stem Cell Self-Renewal. Molecular Cell, 2018, 69, 1028-1038.e6.	4.5	618
2	Glucose-regulated phosphorylation of TET2 by AMPK reveals a pathway linking diabetes to cancer. Nature, 2018, 559, 637-641.	13.7	327
3	Acetate functions as an epigenetic metabolite to promote lipid synthesis under hypoxia. Nature Communications, 2016, 7, 11960.	5.8	306
4	pGlyco 2.0 enables precision N-glycoproteomics with comprehensive quality control and one-step mass spectrometry for intact glycopeptide identification. Nature Communications, 2017, 8, 438.	5.8	250
5	SIRT5 Desuccinylates and Activates Pyruvate Kinase M2 to Block Macrophage IL-1Î² Production and to Prevent DSS-Induced Colitis in Mice. Cell Reports, 2017, 19, 2331-2344.	2.9	215
6	Structural insight into substrate preference for TET-mediated oxidation. Nature, 2015, 527, 118-122.	13.7	213
7	<scp>SIRT</scp>5 promotes <scp>IDH</scp>2 desuccinylation and G6<scp>PD</scp> deglutarylation to enhance cellular antioxidant defense. EMBO Reports, 2016, 17, 811-822.	2.0	210
8	BS69/ZMYND11 Reads and Connects Histone H3.3 Lysine 36 Trimethylation-Decorated Chromatin to Regulated Pre-mRNA Processing. Molecular Cell, 2014, 56, 298-310.	4.5	194
9	In silico spectral libraries by deep learning facilitate data-independent acquisition proteomics. Nature Communications, 2020, 11, 146.	5.8	135
10	Functional lipidomics: Palmitic acid impairs hepatocellular carcinoma development by modulating membrane fluidity and glucose metabolism. Hepatology, 2017, 66, 432-448.	3.6	118
11	Reduced expression of the chromatin remodeling gene ARID1A enhances gastric cancer cell migration and invasion via downregulation of E-cadherin transcription. Carcinogenesis, 2014, 35, 867-876.	1.3	107
12	Simple and Integrated Spintip-Based Technology Applied for Deep Proteome Profiling. Analytical Chemistry, 2016, 88, 4864-4871.	3.2	107
13	Up-regulation of type I collagen during tumorigenesis of colorectal cancer revealed by quantitative proteomic analysis. Journal of Proteomics, 2013, 94, 473-485.	1.2	92
14	Mitochondrial Aldehyde Dehydrogenase 2 Plays Protective Roles in Heart Failure After Myocardial Infarction via Suppression of the Cytosolic JNK/p53 Pathway in Mice. Journal of the American Heart Association, 2014, 3, e000779.	1.6	89
15	pGlyco: a pipeline for the identification of intact N-glycopeptides by using HCD- and CID-MS/MS and MS3. Scientific Reports, 2016, 6, 25102.	1.6	84
16	A new panel of pancreatic cancer biomarkers discovered using a mass spectrometry-based pipeline. British Journal of Cancer, 2017, 117, 1846-1854.	2.9	80
17	Precise, fast and comprehensive analysis of intact glycopeptides and modified glycans with pGlyco3. Nature Methods, 2021, 18, 1515-1523.	9.0	79
18	Community evaluation of glycoproteomics informatics solutions reveals high-performance search strategies for serum glycopeptide analysis. Nature Methods, 2021, 18, 1304-1316.	9.0	74

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19	Recent Advances in Software Tools for More Generic and Precise Intact Glycopeptide Analysis. Molecular and Cellular Proteomics, 2021, 20, 100060.	2.5	71
20	Development of Versatile Metal–Organic Framework Functionalized Magnetic Graphene Core–Shell Biocomposite for Highly Specific Recognition of Glycopeptides. ACS Applied Materials & Interfaces, 2016, 8, 27482-27489.	4.0	70
21	Multilayer Hydrophilic Poly(phenol-formaldehyde resin)-Coated Magnetic Graphene for Boronic Acid Immobilization as a Novel Matrix for Glycoproteome Analysis. ACS Applied Materials & Interfaces, 2015, 7, 16011-16017.	4.0	66
22	The Sodium-Glucose Cotransporter 2 Inhibitor Dapagliflozin Prevents Renal and Liver Disease in Western Diet Induced Obesity Mice. International Journal of Molecular Sciences, 2018, 19, 137.	1.8	64
23	Quantitative profiling of glycerophospholipids during mouse and human macrophage differentiation using targeted mass spectrometry. Scientific Reports, 2017, 7, 412.	1.6	52
24	Mass spectrometry-based N-glycoproteomics for cancer biomarker discovery. Clinical Proteomics, 2014, 11, 18.	1.1	51
25	In Situ Synthesis of Magnetic Mesoporous Phenolic Resin for the Selective Enrichment of Glycopeptides. Analytical Chemistry, 2018, 90, 7357-7363.	3.2	51
26	A highly parallel microfluidic droplet method enabling single-molecule counting for digital enzyme detection. Biomicrofluidics, 2014, 8, 014110.	1.2	49
27	Designed Synthesis of Aptamer-Immobilized Magnetic Mesoporous Silica/Au Nanocomposites for Highly Selective Enrichment and Detection of Insulin. ACS Applied Materials & Interfaces, 2015, 7, 8451-8456.	4.0	49
28	Multilayered N-Glycoproteome Profiling Reveals Highly Heterogeneous and Dysregulated Protein N-Glycosylation Related to Alzheimer's Disease. Analytical Chemistry, 2020, 92, 867-874.	3.2	46
29	Multi-targeted interference-free determination of ten β-blockers in human urine and plasma samples by alternating trilinear decomposition algorithm-assisted liquid chromatography–mass spectrometry in full scan mode: Comparison with multiple reaction monitoring. Analytica Chimica Acta, 2014, 848, 10-24.	2.6	45
30	Tissue-Based Proteogenomics Reveals that Human Testis Endows Plentiful Missing Proteins. Journal of Proteome Research, 2015, 14, 3583-3594.	1.8	45
31	Study on behaviors and performances of universal <i>N</i>-glycopeptide enrichment methods. Analyst, The, 2018, 143, 1870-1880.	1.7	45
32	VHL deficiency augments anthracycline sensitivity of clear cell renal cell carcinomas by down-regulating ALDH2. Nature Communications, 2017, 8, 15337.	5.8	43
33	A comparative assessment of adipose-derived stem cells from subcutaneous and visceral fat as a potential cell source for knee osteoarthritis treatment. Journal of Cellular and Molecular Medicine, 2017, 21, 2153-2162.	1.6	43
34	Membrane glycomics reveal heterogeneity and quantitative distribution of cell surface sialylation. Chemical Science, 2018, 9, 6271-6285.	3.7	42
35	CAV1 Promotes HCC Cell Progression and Metastasis through Wnt/β-Catenin Pathway. PLoS ONE, 2014, 9, e106451.	1.1	41
36	Identification of colonic fibroblast secretomes reveals secretory factors regulating colon cancer cell proliferation. Journal of Proteomics, 2014, 110, 155-171.	1.2	40

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37	Nono, a Bivalent Domain Factor, Regulates Erk Signaling and Mouse Embryonic Stem Cell Pluripotency. Cell Reports, 2016, 17, 997-1007.	2.9	40
38	Large scale systematic proteomic quantification from non-metastatic to metastatic colorectal cancer. Scientific Reports, 2015, 5, 12120.	1.6	39
39	Chromatin remodeling gene AT-rich interactive domain-containing protein 1A suppresses gastric cancer cell proliferation by targeting <i>PIK3CA</i> and <i>PDK1</i>. Oncotarget, 2016, 7, 46127-46141.	0.8	39
40	Epithelial but not stromal expression of collagen alpha-1(III) is a diagnostic and prognostic indicator of colorectal carcinoma. Oncotarget, 2016, 7, 8823-8838.	0.8	36
41	Covalent polymeric modification of graphene nanosheets via surface‐initiated single‐electron‐transfer living radical polymerization. Journal of Polymer Science Part A, 2011, 49, 4977-4986.	2.5	34
42	Versatile metal–organic framework-functionalized magnetic graphene nanoporous composites: As deft matrix for high-effective extraction and purification of the N-linked glycans. Analytica Chimica Acta, 2016, 932, 41-48.	2.6	34
43	High-efficiency nano/micro-reactors for protein analysis. RSC Advances, 2015, 5, 1331-1342.	1.7	33
44	Mettl17, a regulator of mitochondrial ribosomal RNA modifications, is required for the translation of mitochondrial coding genes. FASEB Journal, 2019, 33, 13040-13050.	0.2	32
45	Filamin C, a dysregulated protein in cancer revealed by label-free quantitative proteomic analyses of human gastric cancer cells. Oncotarget, 2015, 6, 1171-1189.	0.8	32
46	Upregulation of spondin-2 predicts poor survival of colorectal carcinoma patients. Oncotarget, 2015, 6, 15095-15110.	0.8	32
47	Identification of Palmitoylated Transitional Endoplasmic Reticulum ATPase by Proteomic Technique and Pan Antipalmitoylation Antibody. Journal of Proteome Research, 2016, 15, 956-962.	1.8	31
48	Ultradeep Palmitoylomics Enabled by Dithiodipyridine-Functionalized Magnetic Nanoparticles. Analytical Chemistry, 2018, 90, 6161-6168.	3.2	31
49	Controlling nonspecific trypsin cleavages in LC-MS/MS-based shotgun proteomics using optimized experimental conditions. Analyst, The, 2015, 140, 7613-7621.	1.7	30
50	Microfluidic Air Sampler for Highly Efficient Bacterial Aerosol Collection and Identification. Analytical Chemistry, 2016, 88, 11504-11512.	3.2	30
51	Comparison of 2-D LC and 3-D LC with post- and pre-tryptic-digestion SEC fractionation for proteome analysis of normal human liver tissue. Proteomics, 2007, 7, 500-512.	1.3	29
52	In-depth mapping of the mouse brain N-glycoproteome reveals widespread N-glycosylation of diverse brain proteins. Oncotarget, 2016, 7, 38796-38809.	0.8	29
53	Effective Enrichment Strategy Using Boronic Acid-Functionalized Mesoporous Graphene–Silica Composites for Intact N- and O-Linked Glycopeptide Analysis in Human Serum. Analytical Chemistry, 2021, 93, 6682-6691.	3.2	29
54	Bacterial Whole Cell Typing by Mass Spectra Pattern Matching with Bootstrapping Assessment. Analytical Chemistry, 2017, 89, 12556-12561.	3.2	28

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55	Photoswitchable upconversion nanophosphors for small animal imaging in vivo. RSC Advances, 2014, 4, 15613.	1.7	27
56	Efficient and Accurate Glycopeptide Identification Pipeline for High-Throughput Site-Specific N-Glycosylation Analysis. Journal of Proteome Research, 2014, 13, 3121-3129.	1.8	27
57	<i>L2hgdh</i> Deficiency Accumulates <scp>l</scp>-2-Hydroxyglutarate with Progressive Leukoencephalopathy and Neurodegeneration. Molecular and Cellular Biology, 2017, 37, .	1.1	27
58	Increased Collagen Type V Î±2 (COL5A2) in Colorectal Cancer is Associated with Poor Prognosis and Tumor Progression. OncoTargets and Therapy, 2021, Volume 14, 2991-3002.	1.0	27
59	Determination of metal impurities in titanium dioxide using slurry sample introduction by axial viewing inductively coupled plasma optical emission spectrometry. Journal of Analytical Atomic Spectrometry, 2004, 19, 273.	1.6	26
60	3D-SISPROT: A simple and integrated spintip-based protein digestion and three-dimensional peptide fractionation technology for deep proteome profiling. Journal of Chromatography A, 2017, 1498, 207-214.	1.8	26
61	Facile Synthesis of Boronic Acid-Functionalized Magnetic Mesoporous Silica Nanocomposites for Highly Specific Enrichment of Glycopeptides. Chinese Journal of Chemistry, 2011, 29, 835-839.	2.6	25
62	Comparison of analytical methods for profiling N- and O-linked glycans from cultured cell lines. Glycoconjugate Journal, 2016, 33, 405-415.	1.4	25
63	Novel methods in glycomics: a 2019 update. Expert Review of Proteomics, 2020, 17, 11-25.	1.3	25
64	On-plate enrichment methods for MALDI-MS analysis in proteomics. Analytical Methods, 2012, 4, 2622.	1.3	24
65	Characterization of stability of ceramic suspension for slurry introduction in inductively coupled plasma optical emission spectrometry and application to aluminium nitride analysis. Journal of Analytical Atomic Spectrometry, 2005, 20, 315.	1.6	23
66	GproDIA enables data-independent acquisition glycoproteomics with comprehensive statistical control. Nature Communications, 2021, 12, 6073.	5.8	23
67	Highly Selective Enrichment of Glycopeptides Based on Zwitterionically Functionalized Soluble Nanopolymers. Scientific Reports, 2016, 6, 29776.	1.6	22
68	LC-MS/MS and SWATH based serum metabolomics enables biomarker discovery in pancreatic cancer. Clinica Chimica Acta, 2020, 506, 214-221.	0.5	22
69	In-depth proteomic profiling of left ventricular tissues in human end-stage dilated cardiomyopathy. Oncotarget, 2017, 8, 48321-48332.	0.8	22
70	Crystal Structure of Arginine Methyltransferase 6 from Trypanosoma brucei. PLoS ONE, 2014, 9, e87267.	1.1	21
71	Highlights of the Biology and Disease-driven Human Proteome Project, 2015â€"2016. Journal of Proteome Research, 2016, 15, 3979-3987.	1.8	21
72	Ambient ionization based on mesoporous graphene coated paper for therapeutic drug monitoring. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1015-1016, 142-149.	1.2	21

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73	Three-Dimensional Plasmonic Trap Array for Ultrasensitive Surface-Enhanced Raman Scattering Analysis of Single Cells. Analytical Chemistry, 2018, 90, 10394-10399.	3.2	21
74	Site-specific structural characterization of O-glycosylation and identification of phosphorylation sites of recombinant osteopontin. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 581-591.	1.1	19
75	Photoaffinity-engineered protein scaffold for systematically exploring native phosphotyrosine signaling complexes in tumor samples. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8863-E8872.	3.3	19
76	Direct determination of trace metals in boron carbide by slurry introduction axial viewed inductively coupled plasma optical emission spectrometry. Journal of Analytical Atomic Spectrometry, 2009, 24, 1258.	1.6	18
77	A Sensitive Microchipâ€Based Immunosensor for Electrochemical Detection of Lowâ€Level Biomarker S100B. Electroanalysis, 2013, 25, 1050-1055.	1.5	18
78	Polydopamine Grafted Porous Graphene as Biocompatible Nanoreactor for Efficient Identification of Membrane Proteins. ACS Applied Materials & Interfaces, 2016, 8, 6363-6370.	4.0	18
79	Quantitative Profiling of Combinational K27/K36 Modifications on Histone H3 Variants in Mouse Organs. Journal of Proteome Research, 2016, 15, 1070-1079.	1.8	17
80	Time-resolved electrochromic properties of MoO3 thin films electrodeposited on a flexible substrate. Journal of Solid State Electrochemistry, 2003, 7, 244-248.	1.2	16
81	Amperometric Biosensor Coupled to Capillary Electrophoresis for Glucose Determination. Mikrochimica Acta, 2005, 150, 239-245.	2.5	16
82	Identification of HPV Integration and Gene Mutation in HeLa Cell Line by Integrated Analysis of RNA-Seq and MS/MS Data. Journal of Proteome Research, 2015, 14, 1678-1686.	1.8	16
83	Multifunctional Nanoreactor for Comprehensive Characterization of Membrane Proteins Based on Surface Functionalized Mesoporous Foams. Analytical Chemistry, 2015, 87, 9360-9367.	3.2	16
84	Facile synthesis of hydrophilic polyamidoxime polymers as a novel solid-phase extraction matrix for sequential characterization of glyco- and phosphoproteomes. Analytica Chimica Acta, 2016, 907, 69-76.	2.6	16
85	Slurry nebulization in plasmas for analysis of advanced ceramic materials. Journal of Analytical Atomic Spectrometry, 2014, 29, 2091-2103.	1.6	15
86	Special Enrichment Strategies Greatly Increase the Efficiency of Missing Proteins Identification from Regular Proteome Samples. Journal of Proteome Research, 2015, 14, 3680-3692.	1.8	15
87	Novel RNA-Affinity Proteogenomics Dissects Tumor Heterogeneity for Revealing Personalized Markers in Precision Prognosis of Cancer. Cell Chemical Biology, 2018, 25, 619-633.e5.	2.5	15
88	Recent developments of nanoparticle-based enrichment methods for mass spectrometric analysis in proteomics. Science China Chemistry, 2010, 53, 695-703.	4.2	14
89	Locus-specific Retention Predictor (LsRP): A Peptide Retention Time Predictor Developed for Precision Proteomics. Scientific Reports, 2017, 7, 43959.	1.6	13
90	Facile preparation of 3-D floor-like ordered mesoporous carbon functionalized graphene composites and its application for selective enrichment of N-glycans from human serum. Talanta, 2017, 174, 689-695.	2.9	13

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91	Circulating proteomic panels for risk stratification of intracranial aneurysm and its rupture. EMBO Molecular Medicine, 2022, 14, e14713.	3.3	13
92	Development of amphiphile 4-armed PEO-based Ti4+ complex for highly selective enrichment of phosphopeptides. Talanta, 2019, 204, 670-676.	2.9	12
93	A multi-parallel N-glycopeptide enrichment strategy for high-throughput and in-depth mapping of the N-glycoproteome in metastatic human hepatocellular carcinoma cell lines. Talanta, 2019, 199, 254-261.	2.9	12
94	OGP: A Repository of Experimentally Characterized O-glycoproteins to Facilitate Studies on O-glycosylation. Genomics, Proteomics and Bioinformatics, 2021, 19, 611-618.	3.0	12
95	Enhancement of E-cadherin expression and processing and driving of cancer cell metastasis by ARID1A deficiency. Oncogene, 2021, 40, 5468-5481.	2.6	12
96	Proteomic analysis of primary duck hepatocytes infected with duck hepatitis B virus. Proteome Science, 2010, 8, 28.	0.7	11
97	Solving signal instability to maintain the second-order advantage in the resolution and determination of multi-analytes in complex systems by modeling liquid chromatographyâ€"mass spectrometry data using alternating trilinear decomposition method assisted with piecewise direct standardization. Journal of Chromatography A, 2015, 1407, 157-168.	1.8	11
98	SIRT5 Contributes to Colorectal Cancer Growth by Regulating T Cell Activity. Journal of Immunology Research, 2020, 2020, 1-17.	0.9	11
99	Recent advances in the fabrication and detection of lectin microarrays and their application in glycobiology analysis. Analytical Methods, 2014, 6, 2003-2014.	1.3	10
100	Transcriptome and proteome of human hepatocellular carcinoma reveal shared metastatic pathways with significant genes. Proteomics, 2015, 15, 1793-1800.	1.3	10
101	Sensitive and Precise Characterization of Combinatorial Histone Modifications by Selective Derivatization Coupled with RPLC-EThcD-MS/MS. Journal of Proteome Research, 2017, 16, 780-787.	1.8	10
102	In-tip nanoreactors for cancer cells proteome profiling. Analytica Chimica Acta, 2017, 949, 43-52.	2.6	10
103	A novel triplex isobaric termini labeling quantitative approach for simultaneously supplying three quantitative sources. Analytica Chimica Acta, 2018, 1001, 70-77.	2.6	10
104	An ultrafast and highly efficient enrichment method for both N-Glycopeptides and N-Glycans by bacterial cellulose. Analytica Chimica Acta, 2020, 1140, 60-68.	2.6	10
105	Alkaline fusion-alkaline mode HG-ICP spectrometry for selenium determination. Journal of Analytical Atomic Spectrometry, 2002, 17, 534-536.	1.6	9
106	Preparation of a high-concentration nm-size ceramic silicon carbide slurry for the ICP-OES determination of ultra-trace impurities in a sample. Journal of Analytical Atomic Spectrometry, 2010, 25, 1482.	1.6	9
107	Direct determination of trace impurities in high-purity silicon nitride by axial viewed inductively coupled plasma optical emission spectrometry using a slurry nebulization technique. Journal of Analytical Atomic Spectrometry, 2015, 30, 909-915.	1.6	9
108	Optimized MALDI-TOF MS Strategy for Characterizing Polymers. Frontiers in Chemistry, 2021, 9, 698297.	1.8	9

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109	In-gel NHS-propionate derivatization for histone post-translational modifications analysis in Arabidopsis thaliana. Analytica Chimica Acta, 2015, 886, 107-113.	2.6	8
110	Target induced interfacial self-assembly of nanoparticles: A new platform for reproducible quantification of copper ions. Talanta, 2016, 158, 254-261.	2.9	8
111	Protein-protein correlations based variable dimension expansion algorithm for high efficient serum biomarker discovery. Analytica Chimica Acta, 2020, 1119, 25-34.	2.6	8
112	Comprehensive comparison of sample preparation workflows for proteomics. Molecular Omics, 2022, 18, 555-567.	1.4	8
113	Sensitive and fast beverage/fruit antioxidant evaluation by TiO_2–Au/graphene nanocomposites coupled with MALDI–MS. Rapid Communications in Mass Spectrometry, 2016, 30, 128-132.	0.7	7
114	Mapping and analyzing the human liver proteome: progress and potential. Expert Review of Proteomics, 2016, 13, 833-843.	1.3	7
115	Quantitative proteomics reveals stage-specific protein regulation of triple negative breast cancer. Breast Cancer Research and Treatment, 2021, 185, 39-52.	1.1	7
116	Ultrasensitive Trace Sample Proteomics Unraveled the Protein Remodeling during Mesenchymal–Amoeboid Transition. Analytical Chemistry, 2022, 94, 768-776.	3.2	7
117	Enhanced Ionization of Phosphopeptide Using Ammonium Phosphate as Matrix Additive by MALDI–MS. Chinese Journal of Chemistry, 2008, 26, 1863-1869.	2.6	6
118	Recent advances in proteolysis and peptide/protein separation by chromatographic strategies. Science China Chemistry, 2010, 53, 685-694.	4.2	6
119	SIRT5 is important for bacterial infection by regulating insulin secretion and glucose homeostasis. Protein and Cell, 2020, 11, 846-851.	4.8	6
120	Sol-gel-derived Poly(dimethylsiloxane) Enzymatic Reactor for Microfluidic Peptide Mapping. Chinese Journal of Chemistry, 2006, 24, 903-909.	2.6	5
121	TiO2-functionalized mesoporous materials for sensitive analysis of multi-phosphopeptides. Science China Chemistry, 2011, 54, 1327-1333.	4.2	5
122	Microchip-based strategy for enrichment of acetylated proteins. Mikrochimica Acta, 2013, 180, 613-618.	2.5	5
123	Identification of potential serum biomarkers of acute paraquat poisoning in humans using an iTRAQ quantitative proteomic. RSC Advances, 2018, 8, 10598-10609.	1.7	5
124	Microarray investigation of glycan remodeling during macrophage polarization reveals α2,6 sialic acid as an anti-inflammatory indicator. Molecular Omics, 2021, 17, 565-571.	1.4	5
125	Precision N-Glycoproteomic Profiling of Murine Peritoneal Macrophages After Different Stimulations. Frontiers in Immunology, 2021, 12, 722293.	2.2	5
126	Rapid Sample Preparation Workflow for Serum Sample Analysis with Different Mass Spectrometry Acquisition Strategies. Analytical Chemistry, 2021, 93, 1578-1585.	3.2	5

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127	Data from a proteomic analysis of colonic fibroblasts secretomes. Data in Brief, 2014, 1, 19-24.	0.5	4
128	Metabolomics analysis provides new insights into the medicinal value of flavonoids in tobacco leaves. Molecular Omics, 2021, 17, 620-629.	1.4	4
129	A Multi-Omics Study of Human Testis and Epididymis. Molecules, 2021, 26, 3345.	1.7	4
130	Computational and Mass Spectrometry-Based Approach Identify Deleterious Non-Synonymous Single Nucleotide Polymorphisms (nsSNPs) in JMJD6. Molecules, 2021, 26, 4653.	1.7	4
131	Adding Auxiliary Electrode—An Effective Method for Enhancing Signal-to-Noise Ratio in Nanospray Mass Spectrometry. Analytical Letters, 2004, 37, 2711-2720.	1.0	3
132	Combination of extraction tip and MALDI-TOF-MS for efficient separation and analysis of cysteine-containing peptides. Science China Chemistry, 2014, 57, 703-707.	4.2	3
133	Aperture-controllable nano-electrospray emitter and its application in cardiac proteome analysis. Talanta, 2020, 207, 120340.	2.9	3
134	Puromycin-Modified Silica Microsphere-Based Nascent Proteomics Method for Rapid and Deep Nascent Proteome Profile. Analytical Chemistry, 2021, 93, 6403-6413.	3.2	3
135	Comprehensive Profiling for Histone H4 of Human Liver Cells Using High Resolution LTQ-Orbitrap Mass Spectrometry. Chinese Journal of Chemistry, 2011, 29, 171-177.	2.6	2
136	Immobilization of Antibodies on Magnetic Carbonaceous Microspheres for Selective Enrichment of Lysine-acetylated Proteins and Peptides. Chinese Journal of Chemistry, 2012, 30, 2549-2555.	2.6	2
137	Hierarchical Fe-ZSM-5 zeolite monolithic column for enhanced phosphorylated protein immobilization and identification. Analytical Methods, 2012, 4, 2644.	1.3	2
138	Hierarchically ordered macro/mesoporous alumina nanoreactor with multi-functions in phosphoproteomics. Analytical Methods, 2013, 5, 6572.	1.3	2
139	Peptide-tight ESI/MSn analysis with segment of liquid chromatography effluent. Analytical Methods, 2013, 5, 3371.	1.3	2
140	Response of peptide intensity to concentration in ESI-MS-based proteome. Science China Chemistry, 2014, 57, 686-694.	4.2	2
141	Metastasis-related genes in hepatocellular carcinoma cell-lines are clustered on chromosome territories predicted by transcriptome and proteome. Science China Chemistry, 2016, 59, 380-382.	4.2	2
142	Multi-laboratory analysis of the variability of shipped samples for proteomics following non-cooled international transport. Analytical Biochemistry, 2018, 548, 60-65.	1.1	2
143	Quantitative analysis of post-translational modifications of histone H3 variants during the cell cycle. Analytica Chimica Acta, 2019, 1080, 116-126.	2.6	2
144	Outer Membrane Protease OmpT-Based Strategy for Simplified Analysis of Histone Post-Translational Modifications by Mass Spectrometry. Analytical Chemistry, 2020, 92, 732-739.	3.2	2

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145	Comprehensive mass spectrometry for development of proteomic biomarkers of intracranial aneurysms. Talanta, 2022, 240, 123159.	2.9	2
146	A novel MEMS gas sensor with effective combination of high sensitivity and high selectivity. , 0, , .		1
147	Analytical progress for protein glycosylation in China. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2009, 4, 360-367.	0.4	1
148	Sequence Pattern Correlation of Amino Acid in Collisionâ€induced Dissociation Electrospray Ionization Mass Spectrometry. Chinese Journal of Chemistry, 2002, 20, 467-473.	2.6	1
149	Global insight into N-glycome and N-glycoproteome of three most abundant snake venoms in Asia. Chemical Research in Chinese Universities, 2014, 30, 726-730.	1.3	1
150	Selfâ€aspiration sampling extractive electrospray ionization mass spectrometry (EESIâ€MS) for highâ€throughput analysis of liquid samples. Rapid Communications in Mass Spectrometry, 2016, 30, 56-61.	0.7	1
151	Shotgun lipidomics combined targeted MRM reveals sphingolipid signatures of coronary artery disease. Talanta, 2022, 245, 123475.	2.9	1
152	Iterative Nonâ€m/zâ€sharing Rule for Confident and Sensitive Protein Identification of Nonâ€shotgun Proteomics. Chinese Journal of Chemistry, 2009, 27, 331-337.	2.6	0
153	New lysine-acetylated proteins screened by immunoaffinity and liquid chromatography-mass spectrometry. Science China Chemistry, 2010, 53, 238-244.	4.2	0
154	Ferrisilicaliteâ€1 Zeolite Monolithâ€Based Affinitive Recognition of Intracellular Phosphorylated Protein Alteration in *Tetrahymena thermophila* Exposed to Photodegradates of Roxarsone and *p*â€Arsanilic Acid. Clean - Soil, Air, Water, 2014, 42, 1798-1807.	0.7	0
155	gQuant, an Automated Tool for Quantitative Glycomic Data Analysis. Frontiers in Chemistry, 2021, 9, 707738.	1.8	0
156	Rapid sample preparation workflow based on enzymatic nanoreactors for potential serum biomarker discovery in pancreatic cancer. Talanta, 2022, 238, 123018.	2.9	0
157	Microfluidic freeâ€flow paper electrochromatography for continuous separation of glycans. ChemElectroChem, 0, , .	1.7	0