

# Peng-Yuan Yang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

155  
papers

3,925  
citations

31  
h-index

57  
g-index

167  
ext. papers

5,062  
ext. citations

6.7  
avg, IF

5.35  
L-index

#	Paper	IF	Citations
155	Rapid sample preparation workflow based on enzymatic nanoreactors for potential serum biomarker discovery in pancreatic cancer. <i>Talanta</i> , <b>2022</b> , 238, 123018	6.2	
154	Circulating proteomic panels for risk stratification of intracranial aneurysm and its rupture.. <i>EMBO Molecular Medicine</i> , <b>2022</b> , e14713	12	3
153	Shotgun lipidomics combined targeted MRM reveals sphingolipid signatures of coronary artery disease.. <i>Talanta</i> , <b>2022</b> , 245, 123475	6.2	
152	Precise, fast and comprehensive analysis of intact glycopeptides and modified glycans with pGlyco3. <i>Nature Methods</i> , <b>2021</b> , 18, 1515-1523	21.6	12
151	Comprehensive mass spectrometry for development of proteomic biomarkers of intracranial aneurysms.. <i>Talanta</i> , <b>2021</b> , 240, 123159	6.2	1
150	GproDIA enables data-independent acquisition glycoproteomics with comprehensive statistical control. <i>Nature Communications</i> , <b>2021</b> , 12, 6073	17.4	5
149	Community evaluation of glycoproteomics informatics solutions reveals high-performance search strategies for serum glycopeptide analysis. <i>Nature Methods</i> , <b>2021</b> , 18, 1304-1316	21.6	16
148	Rapid Sample Preparation Workflow for Serum Sample Analysis with Different Mass Spectrometry Acquisition Strategies. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 1578-1585	7.8	3
147	Effective Enrichment Strategy Using Boronic Acid-Functionalized Mesoporous Graphene-Silica Composites for Intact N- and O-Linked Glycopeptide Analysis in Human Serum. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 6682-6691	7.8	6
146	Puromycin-Modified Silica Microsphere-Based Nascent Proteomics Method for Rapid and Deep Nascent Proteome Profile. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 6403-6413	7.8	0
145	Increased Collagen Type V $\alpha$ (COL5A2) in Colorectal Cancer is Associated with Poor Prognosis and Tumor Progression. <i>OncoTargets and Therapy</i> , <b>2021</b> , 14, 2991-3002	4.4	8
144	Optimized MALDI-TOF MS Strategy for Characterizing Polymers. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 698297	5	1
143	gQuant, an Automated Tool for Quantitative Glycomic Data Analysis. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 707338	5	1
142	Enhancement of E-cadherin expression and processing and driving of cancer cell metastasis by ARID1A deficiency. <i>Oncogene</i> , <b>2021</b> , 40, 5468-5481	9.2	1
141	Recent advances in software tools for more generic and precise intact glycopeptide analysis. <i>Molecular and Cellular Proteomics</i> , <b>2021</b> , 100060	7.6	34
140	Quantitative proteomics reveals stage-specific protein regulation of triple negative breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>2021</b> , 185, 39-52	4.4	4
139	Metabolomics analysis provides new insights into the medicinal value of flavonoids in tobacco leaves. <i>Molecular Omics</i> , <b>2021</b> , 17, 620-629	4.4	0

138	Microarray investigation of glycan remodeling during macrophage polarization reveals $\alpha$ 6 sialic acid as an anti-inflammatory indicator. <i>Molecular Omics</i> , <b>2021</b> , 17, 565-571	4.4	0
137	OGP: A Repository of Experimentally Characterized O-Glycoproteins to Facilitate Studies on O-Glycosylation. <i>Genomics, Proteomics and Bioinformatics</i> , <b>2021</b> ,	6.5	4
136	Computational and Mass Spectrometry-Based Approach Identify Deleterious Non-Synonymous Single Nucleotide Polymorphisms (nsSNPs) in JMJD6. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
135	Precision N-Glycoproteomic Profiling of Murine Peritoneal Macrophages After Different Stimulations. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 722293	8.4	0
134	SIRT5 is important for bacterial infection by regulating insulin secretion and glucose homeostasis. <i>Protein and Cell</i> , <b>2020</b> , 11, 846-851	7.2	3
133	Protein-protein correlations based variable dimension expansion algorithm for high efficient serum biomarker discovery. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1119, 25-34	6.6	6
132	LC-MS/MS and SWATH based serum metabolomics enables biomarker discovery in pancreatic cancer. <i>Clinica Chimica Acta</i> , <b>2020</b> , 506, 214-221	6.2	9
131	In silico spectral libraries by deep learning facilitate data-independent acquisition proteomics. <i>Nature Communications</i> , <b>2020</b> , 11, 146	17.4	59
130	Novel methods in glycomics: a 2019 update. <i>Expert Review of Proteomics</i> , <b>2020</b> , 17, 11-25	4.2	18
129	Outer Membrane Protease OmpT-Based Strategy for Simplified Analysis of Histone Post-Translational Modifications by Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 732-739	7.8	1
128	Multilayered N-Glycoproteome Profiling Reveals Highly Heterogeneous and Dysregulated Protein N-Glycosylation Related to Alzheimer's Disease. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 867-874	7.8	21
127	An ultrafast and highly efficient enrichment method for both N-Glycopeptides and N-Glycans by bacterial cellulose. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1140, 60-68	6.6	4
126	SIRT5 Contributes to Colorectal Cancer Growth by Regulating T Cell Activity. <i>Journal of Immunology Research</i> , <b>2020</b> , 2020, 3792409	4.5	3
125	Aperture-controllable nano-electrospray emitter and its application in cardiac proteome analysis. <i>Talanta</i> , <b>2020</b> , 207, 120340	6.2	1
124	Mettl17, a regulator of mitochondrial ribosomal RNA modifications, is required for the translation of mitochondrial coding genes. <i>FASEB Journal</i> , <b>2019</b> , 33, 13040-13050	0.9	12
123	Quantitative analysis of post-translational modifications of histone H3 variants during the cell cycle. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1080, 116-126	6.6	2
122	Development of amphiphile 4-armed PEO-based Ti complex for highly selective enrichment of phosphopeptides. <i>Talanta</i> , <b>2019</b> , 204, 670-676	6.2	7
121	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. <i>Talanta</i> , <b>2019</b> , 199, 254-261	6.2	8

120	Study on behaviors and performances of universal N-glycopeptide enrichment methods. <i>Analyst, The</i> , <b>2018</b> , 143, 1870-1880	5	27
119	Novel RNA-Affinity Proteogenomics Dissects Tumor Heterogeneity for Revealing Personalized Markers in Precision Prognosis of Cancer. <i>Cell Chemical Biology</i> , <b>2018</b> , 25, 619-633.e5	8.2	10
118	Multi-laboratory analysis of the variability of shipped samples for proteomics following non-cooled international transport. <i>Analytical Biochemistry</i> , <b>2018</b> , 548, 60-65	3.1	1
117	Ultradeep Palmitoylomics Enabled by Dithiodipyridine-Functionalized Magnetic Nanoparticles. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 6161-6168	7.8	20
116	Zc3h13 Regulates Nuclear RNA mA Methylation and Mouse Embryonic Stem Cell Self-Renewal. <i>Molecular Cell</i> , <b>2018</b> , 69, 1028-1038.e6	17.6	362
115	Identification of potential serum biomarkers of acute paraquat poisoning in humans using an iTRAQ quantitative proteomic.. <i>RSC Advances</i> , <b>2018</b> , 8, 10598-10609	3.7	3
114	Three-Dimensional Plasmonic Trap Array for Ultrasensitive Surface-Enhanced Raman Scattering Analysis of Single Cells. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 10394-10399	7.8	16
113	The Sodium-Glucose Cotransporter 2 Inhibitor Dapagliflozin Prevents Renal and Liver Disease in Western Diet Induced Obesity Mice. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	36
112	Glucose-regulated phosphorylation of TET2 by AMPK reveals a pathway linking diabetes to cancer. <i>Nature</i> , <b>2018</b> , 559, 637-641	50.4	210
111	A novel triplex isobaric termini labeling quantitative approach for simultaneously supplying three quantitative sources. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1001, 70-77	6.6	6
110	Photoaffinity-engineered protein scaffold for systematically exploring native phosphotyrosine signaling complexes in tumor samples. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E8863-E8872	11.5	7
109	In Situ Synthesis of Magnetic Mesoporous Phenolic Resin for the Selective Enrichment of Glycopeptides. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 7357-7363	7.8	37
108	Membrane glycomics reveal heterogeneity and quantitative distribution of cell surface sialylation. <i>Chemical Science</i> , <b>2018</b> , 9, 6271-6285	9.4	26
107	Functional lipidomics: Palmitic acid impairs hepatocellular carcinoma development by modulating membrane fluidity and glucose metabolism. <i>Hepatology</i> , <b>2017</b> , 66, 432-448	11.2	66
106	Deficiency Accumulates l-2-Hydroxyglutarate with Progressive Leukoencephalopathy and Neurodegeneration. <i>Molecular and Cellular Biology</i> , <b>2017</b> , 37,	4.8	15
105	3D-SISPROT: A simple and integrated spintip-based protein digestion and three-dimensional peptide fractionation technology for deep proteome profiling. <i>Journal of Chromatography A</i> , <b>2017</b> , 1498, 207-214	4.5	17
104	VHL deficiency augments anthracycline sensitivity of clear cell renal cell carcinomas by down-regulating ALDH2. <i>Nature Communications</i> , <b>2017</b> , 8, 15337	17.4	30
103	SIRT5 Desuccinylates and Activates Pyruvate Kinase M2 to Block Macrophage IL-1 $\beta$ Production and to Prevent DSS-Induced Colitis in Mice. <i>Cell Reports</i> , <b>2017</b> , 19, 2331-2344	10.6	123

102	A comparative assessment of adipose-derived stem cells from subcutaneous and visceral fat as a potential cell source for knee osteoarthritis treatment. <i>Journal of Cellular and Molecular Medicine</i> , <b>2017</b> , 21, 2153-2162	5.6	34
101	Quantitative profiling of glycerophospholipids during mouse and human macrophage differentiation using targeted mass spectrometry. <i>Scientific Reports</i> , <b>2017</b> , 7, 412	4.9	35
100	Locus-specific Retention Predictor (LsRP): A Peptide Retention Time Predictor Developed for Precision Proteomics. <i>Scientific Reports</i> , <b>2017</b> , 7, 43959	4.9	10
99	Sensitive and Precise Characterization of Combinatorial Histone Modifications by Selective Derivatization Coupled with RPLC-ETHcD-MS/MS. <i>Journal of Proteome Research</i> , <b>2017</b> , 16, 780-787	5.6	9
98	pGlyco 2.0 enables precision N-glycoproteomics with comprehensive quality control and one-step mass spectrometry for intact glycopeptide identification. <i>Nature Communications</i> , <b>2017</b> , 8, 438	17.4	181
97	Bacterial Whole Cell Typing by Mass Spectra Pattern Matching with Bootstrapping Assessment. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 12556-12561	7.8	14
96	A new panel of pancreatic cancer biomarkers discovered using a mass spectrometry-based pipeline. <i>British Journal of Cancer</i> , <b>2017</b> , 117, 1846-1854	8.7	51
95	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. <i>Talanta</i> , <b>2017</b> , 174, 689-695	6.2	10
94	In-tip nanoreactors for cancer cells proteome profiling. <i>Analytica Chimica Acta</i> , <b>2017</b> , 949, 43-52	6.6	7
93	In-depth proteomic profiling of left ventricular tissues in human end-stage dilated cardiomyopathy. <i>Oncotarget</i> , <b>2017</b> , 8, 48321-48332	3.3	19
92	Highlights of the Biology and Disease-driven Human Proteome Project, 2015-2016. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 3979-3987	5.6	18
91	Sensitive and fast beverage/fruit antioxidant evaluation by TiO <sub>2</sub> -Au/graphene nanocomposites coupled with MALDI-MS. <i>Rapid Communications in Mass Spectrometry</i> , <b>2016</b> , 30 Suppl 1, 128-32	2.2	6
90	Self-aspiration sampling extractive electrospray ionization mass spectrometry (EESI-MS) for high-throughput analysis of liquid samples. <i>Rapid Communications in Mass Spectrometry</i> , <b>2016</b> , 30 Suppl 1, 56-61	2.2	1
89	Mapping and analyzing the human liver proteome: progress and potential. <i>Expert Review of Proteomics</i> , <b>2016</b> , 13, 833-43	4.2	7
88	Microfluidic Air Sampler for Highly Efficient Bacterial Aerosol Collection and Identification. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 11504-11512	7.8	17
87	pGlyco: a pipeline for the identification of intact N-glycopeptides by using HCD- and CID-MS/MS and MS3. <i>Scientific Reports</i> , <b>2016</b> , 6, 25102	4.9	67
86	Acetate functions as an epigenetic metabolite to promote lipid synthesis under hypoxia. <i>Nature Communications</i> , <b>2016</b> , 7, 11960	17.4	181
85	Nono, a Bivalent Domain Factor, Regulates Erk Signaling and Mouse Embryonic Stem Cell Pluripotency. <i>Cell Reports</i> , <b>2016</b> , 17, 997-1007	10.6	24

84	SIRT5 promotes IDH2 desuccinylation and G6PD deglutarylation to enhance cellular antioxidant defense. <i>EMBO Reports</i> , <b>2016</b> , 17, 811-22	6.5	127
83	Quantitative Profiling of Combinational K27/K36 Modifications on Histone H3 Variants in Mouse Organs. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 1070-9	5.6	16
82	Facile synthesis of hydrophilic polyamidoxime polymers as a novel solid-phase extraction matrix for sequential characterization of glyco- and phosphoproteomes. <i>Analytica Chimica Acta</i> , <b>2016</b> , 907, 69-76	6.6	16
81	Comparison of analytical methods for profiling N- and O-linked glycans from cultured cell lines : HUPO Human Disease Glycomics/Proteome Initiative multi-institutional study. <i>Glycoconjugate Journal</i> , <b>2016</b> , 33, 405-415	3	23
80	Identification of Palmitoylated Transitional Endoplasmic Reticulum ATPase by Proteomic Technique and Pan Antipalmitoylation Antibody. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 956-62	5.6	22
79	Polydopamine Grafted Porous Graphene as Biocompatible Nanoreactor for Efficient Identification of Membrane Proteins. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 6363-70	9.5	16
78	Ambient ionization based on mesoporous graphene coated paper for therapeutic drug monitoring. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1015-1016, 142-149	3.2	19
77	Epithelial but not stromal expression of collagen alpha-1(III) is a diagnostic and prognostic indicator of colorectal carcinoma. <i>Oncotarget</i> , <b>2016</b> , 7, 8823-38	3.3	23
76	Chromatin remodeling gene AT-rich interactive domain-containing protein 1A suppresses gastric cancer cell proliferation by targeting PIK3CA and PDK1. <i>Oncotarget</i> , <b>2016</b> , 7, 46127-46141	3.3	30
75	In-depth mapping of the mouse brain N-glycoproteome reveals widespread N-glycosylation of diverse brain proteins. <i>Oncotarget</i> , <b>2016</b> , 7, 38796-38809	3.3	24
74	Highly Selective Enrichment of Glycopeptides Based on Zwitterionically Functionalized Soluble Nanopolymers. <i>Scientific Reports</i> , <b>2016</b> , 6, 29776	4.9	21
73	Versatile metal-organic framework-functionalized magnetic graphene nanoporous composites: As deft matrix for high-effective extraction and purification of the N-linked glycans. <i>Analytica Chimica Acta</i> , <b>2016</b> , 932, 41-8	6.6	27
72	Target induced interfacial self-assembly of nanoparticles: A new platform for reproducible quantification of copper ions. <i>Talanta</i> , <b>2016</b> , 158, 254-261	6.2	8
71	Metastasis-related genes in hepatocellular carcinoma cell-lines are clustered on chromosome territories predicted by transcriptome and proteome. <i>Science China Chemistry</i> , <b>2016</b> , 59, 380-382	7.9	1
70	Simple and Integrated Spintip-Based Technology Applied for Deep Proteome Profiling. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 4864-71	7.8	74
69	Development of Versatile Metal-Organic Framework Functionalized Magnetic Graphene Core-Shell Biocomposite for Highly Specific Recognition of Glycopeptides. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 27482-27489	9.5	54
68	In-gel NHS-propionate derivatization for histone post-translational modifications analysis in <i>Arabidopsis thaliana</i> . <i>Analytica Chimica Acta</i> , <b>2015</b> , 886, 107-13	6.6	5
67	Solving signal instability to maintain the second-order advantage in the resolution and determination of multi-analytes in complex systems by modeling liquid chromatography-mass spectrometry data using alternating trilinear decomposition method assisted with piecewise direct standardization. <i>Journal of Chromatography A</i> , <b>2015</b> , 1407, 157-68	4.5	9

66	Special Enrichment Strategies Greatly Increase the Efficiency of Missing Proteins Identification from Regular Proteome Samples. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 3680-92	5.6	14
65	Multilayer Hydrophilic Poly(phenol-formaldehyde resin)-Coated Magnetic Graphene for Boronic Acid Immobilization as a Novel Matrix for Glycoproteome Analysis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 16011-7	9.5	59
64	Large scale systematic proteomic quantification from non-metastatic to metastatic colorectal cancer. <i>Scientific Reports</i> , <b>2015</b> , 5, 12120	4.9	18
63	Designed synthesis of aptamer-immobilized magnetic mesoporous silica/Au nanocomposites for highly selective enrichment and detection of insulin. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 8451-6	9.5	44
62	Direct determination of trace impurities in high-purity silicon nitride by axial viewed inductively coupled plasma optical emission spectrometry using a slurry nebulization technique. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2015</b> , 30, 909-915	3.7	7
61	Controlling nonspecific trypsin cleavages in LC-MS/MS-based shotgun proteomics using optimized experimental conditions. <i>Analyst, The</i> , <b>2015</b> , 140, 7613-21	5	24
60	Structural insight into substrate preference for TET-mediated oxidation. <i>Nature</i> , <b>2015</b> , 527, 118-22	50.4	159
59	Multifunctional nanoreactor for comprehensive characterization of membrane proteins based on surface functionalized mesoporous foams. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 9360-7	7.8	12
58	Tissue-Based Proteogenomics Reveals that Human Testis Endows Plentiful Missing Proteins. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 3583-94	5.6	41
57	Site-specific structural characterization of O-glycosylation and identification of phosphorylation sites of recombinant osteopontin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2015</b> , 1854, 581-91	4	14
56	High-efficiency nano/micro-reactors for protein analysis. <i>RSC Advances</i> , <b>2015</b> , 5, 1331-1342	3.7	31
55	Transcriptome and proteome of human hepatocellular carcinoma reveal shared metastatic pathways with significant genes. <i>Proteomics</i> , <b>2015</b> , 15, 1793-800	4.8	9
54	Identification of HPV integration and gene mutation in HeLa cell line by integrated analysis of RNA-Seq and MS/MS data. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 1678-86	5.6	15
53	Filamin C, a dysregulated protein in cancer revealed by label-free quantitative proteomic analyses of human gastric cancer cells. <i>Oncotarget</i> , <b>2015</b> , 6, 1171-89	3.3	18
52	Upregulation of spondin-2 predicts poor survival of colorectal carcinoma patients. <i>Oncotarget</i> , <b>2015</b> , 6, 15095-110	3.3	23
51	A highly parallel microfluidic droplet method enabling single-molecule counting for digital enzyme detection. <i>Biomicrofluidics</i> , <b>2014</b> , 8, 014110	3.2	40
50	Reduced expression of the chromatin remodeling gene ARID1A enhances gastric cancer cell migration and invasion via downregulation of E-cadherin transcription. <i>Carcinogenesis</i> , <b>2014</b> , 35, 867-76	4.6	95
49	Recent advances in the fabrication and detection of lectin microarrays and their application in glycobiology analysis. <i>Analytical Methods</i> , <b>2014</b> , 6, 2003-2014	3.2	10

48	Photoswitchable upconversion nanophosphors for small animal imaging in vivo. <i>RSC Advances</i> , <b>2014</b> , 4, 15613	3.7	24
47	Multi-targeted interference-free determination of ten $\beta$ -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. <i>Analytica Chimica Acta</i> , <b>2014</b> , 848, 10-24	6.6	42
46	Combination of extraction tip and MALDI-TOF-MS for efficient separation and analysis of cysteine-containing peptides. <i>Science China Chemistry</i> , <b>2014</b> , 57, 703-707	7.9	3
45	Response of peptide intensity to concentration in ESI-MS-based proteome. <i>Science China Chemistry</i> , <b>2014</b> , 57, 686-694	7.9	2
44	Mass spectrometry-based N-glycoproteomics for cancer biomarker discovery. <i>Clinical Proteomics</i> , <b>2014</b> , 11, 18	5	44
43	Data from a proteomic analysis of colonic fibroblasts secretomes. <i>Data in Brief</i> , <b>2014</b> , 1, 19-24	1.2	4
42	BS69/ZMYND11 reads and connects histone H3.3 lysine 36 trimethylation-decorated chromatin to regulated pre-mRNA processing. <i>Molecular Cell</i> , <b>2014</b> , 56, 298-310	17.6	130
41	Slurry nebulization in plasmas for analysis of advanced ceramic materials. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2014</b> , 29, 2091-2103	3.7	12
40	Efficient and accurate glycopeptide identification pipeline for high-throughput site-specific N-glycosylation analysis. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 3121-9	5.6	25
39	Ferrisilicalite-1 Zeolite Monolith-Based Affinitive Recognition of Intracellular Phosphorylated Protein Alteration in <i>Tetrahymena thermophila</i> Exposed to Photodegradates of Roxarsone and p-Arsanilic Acid. <i>Clean - Soil, Air, Water</i> , <b>2014</b> , 42, 1798-1807	1.6	
38	Crystal structure of arginine methyltransferase 6 from <i>Trypanosoma brucei</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e87267	3.7	18
37	CAV1 promotes HCC cell progression and metastasis through Wnt/ $\beta$ -catenin pathway. <i>PLoS ONE</i> , <b>2014</b> , 9, e106451	3.7	33
36	Mitochondrial aldehyde dehydrogenase 2 plays protective roles in heart failure after myocardial infarction via suppression of the cytosolic JNK/p53 pathway in mice. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e000779	6	71
35	Identification of colonic fibroblast secretomes reveals secretory factors regulating colon cancer cell proliferation. <i>Journal of Proteomics</i> , <b>2014</b> , 110, 155-71	3.9	33
34	Global insight into N-glycome and N-glycoproteome of three most abundant snake venoms in Asia. <i>Chemical Research in Chinese Universities</i> , <b>2014</b> , 30, 726-730	2.2	1
33	Microchip-based strategy for enrichment of acetylated proteins. <i>Mikrochimica Acta</i> , <b>2013</b> , 180, 613-618	5.8	5
32	Hierarchically ordered macro/mesoporous alumina nanoreactor with multi-functions in phosphoproteomics. <i>Analytical Methods</i> , <b>2013</b> , 5, 6572	3.2	2
31	Peptide-tight ESI/MSn analysis with segment of liquid chromatography effluent. <i>Analytical Methods</i> , <b>2013</b> , 5, 3371	3.2	2



30	Up-regulation of type I collagen during tumorigenesis of colorectal cancer revealed by quantitative proteomic analysis. <i>Journal of Proteomics</i> , <b>2013</b> , 94, 473-85	3.9	71
29	A Sensitive Microchip-Based Immunosensor for Electrochemical Detection of Low-Level Biomarker S100B. <i>Electroanalysis</i> , <b>2013</b> , 25, 1050-1055	3	13
28	Immobilization of Antibodies on Magnetic Carbonaceous Microspheres for Selective Enrichment of Lysine-acetylated Proteins and Peptides. <i>Chinese Journal of Chemistry</i> , <b>2012</b> , 30, 2549-2555	4.9	2
27	Hierarchical Fe-ZSM-5 zeolite monolithic column for enhanced phosphorylated protein immobilization and identification. <i>Analytical Methods</i> , <b>2012</b> , 4, 2644	3.2	2
26	On-plate enrichment methods for MALDI-MS analysis in proteomics. <i>Analytical Methods</i> , <b>2012</b> , 4, 2622	3.2	23
25	TiO <sub>2</sub> -functionalized mesoporous materials for sensitive analysis of multi-phosphopeptides. <i>Science China Chemistry</i> , <b>2011</b> , 54, 1327-1333	7.9	3
24	Covalent polymeric modification of graphene nanosheets via surface-initiated single-electron-transfer living radical polymerization. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 4977-4986	3.5	33
23	Comprehensive Profiling for Histone H4 of Human Liver Cells Using High Resolution LTQ-Orbitrap Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , <b>2011</b> , 29, 171-177	4.9	1
22	Facile Synthesis of Boronic Acid-Functionalized Magnetic Mesoporous Silica Nanocomposites for Highly Specific Enrichment of Glycopeptides. <i>Chinese Journal of Chemistry</i> , <b>2011</b> , 29, 835-839	4.9	25
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19	Recent developments of nanoparticle-based enrichment methods for mass spectrometric analysis in proteomics. <i>Science China Chemistry</i> , <b>2010</b> , 53, 695-703	7.9	13
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17	Proteomic analysis of primary duck hepatocytes infected with duck hepatitis B virus. <i>Proteome Science</i> , <b>2010</b> , 8, 28	2.6	10
16	Sequence Pattern Correlation of Amino Acid in Collision-induced Dissociation Electrospray Ionization Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , <b>2010</b> , 20, 467-473	4.9	0
15	Iterative Non-m/z-sharing Rule for Confident and Sensitive Protein Identification of Non-shotgun Proteomics. <i>Chinese Journal of Chemistry</i> , <b>2009</b> , 27, 331-337	4.9	
14	Analytical progress for protein glycosylation in China. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , <b>2009</b> , 4, 360-367		1
13	Direct determination of trace metals in boron carbide by slurry introduction axial viewed inductively coupled plasma optical emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2009</b> , 24, 1258	3.7	18

12	Enhanced Ionization of Phosphopeptide Using Ammonium Phosphate as Matrix Additive by MALDI-MS. <i>Chinese Journal of Chemistry</i> , <b>2008</b> , 26, 1863-1869	4.9	5
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3	OGP: A Repository of Experimentally Characterized O-Glycoproteins to Facilitate Studies on O-Glycosylation		1
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