

Yu-Ju Chen

List of Publications by Year in descending order

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218
papers

8,200
citations

31976

53
h-index

66911

78
g-index

229
all docs

229
docs citations

229
times ranked

12653
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinase Sensing Based on Protein Interactions at the Catalytic Site. Chemistry - A European Journal, 2022, , .	3.3	3
2	Streamlined single-cell proteomics by an integrated microfluidic chip and data-independent acquisition mass spectrometry. Nature Communications, 2022, 13, 37.	12.8	85
3	Investigating a Boronateâ€™Affinityâ€™Guided Acylation Reaction for Labelling Native Antibodies. Chemistry - A European Journal, 2022, 28, .	3.3	4
4	Kinase Sensing Based on Protein Interactions at the Catalytic Site. Chemistry - A European Journal, 2022, 28, e202200655.	3.3	0
5	Electrochemical biosensors based on peptide-kinase interactions at the kinase docking site. Biosensors and Bioelectronics, 2022, 207, 114177.	10.1	10
6	Unveiling a novel serpinB2-tripeptidyl peptidase II signaling axis during senescence. Journal of Cell Science, 2022, 135, .	2.0	2
7	Phosphoproteomics Reveals the Role of Constitutive KAP1 Phosphorylation by B-cell Receptor Signaling in Chronic Lymphocytic Leukemia. Molecular Cancer Research, 2022, 20, 1222-1232.	3.4	1
8	Asia-Oceania HUPO: Past, Present, and Future. Molecular and Cellular Proteomics, 2021, 20, 100048.	3.8	1
9	An Enzyme-Mediated Aza-Michael Addition Is Involved in the Biosynthesis of an Imidazol Hybrid Product of Conidiogenone B. Organic Letters, 2021, 23, 1904-1909.	4.6	8
10	Integrating site-specific peptide reporters and targeted mass spectrometry enables rapid substrate-specific kinase assay at the nanogram cell level. Analytica Chimica Acta, 2021, 1155, 338341.	5.4	2
11	Toxic or Not Toxic, That Is the Carbon Quantum Dotâ€™s Question: A Comprehensive Evaluation with Zebrafish Embryo, Eleutheroembryo, and Adult Models. Polymers, 2021, 13, 1598.	4.5	24
12	A data-independent acquisition-based global phosphoproteomics system enables deep profiling. Nature Communications, 2021, 12, 2539.	12.8	44
13	ZIC-chILIC Functionalized Magnetic Nanoparticle for Rapid and Sensitive Glycopeptide Enrichment from <1 ÅµL Serum. Nanomaterials, 2021, 11, 2159.	4.1	1
14	Fracture risks in patients with atopic dermatitis. Annals of Allergy, Asthma and Immunology, 2021, 127, 667-673.e2.	1.0	8
15	MITF functions as a tumor suppressor in non-small cell lung cancer beyond the canonically oncogenic role. Aging, 2021, 13, 646-674.	3.1	5
16	Progress Identifying and Analyzing the Human Proteome: 2021â€™Metrics from the HUPO Human Proteome Project. Journal of Proteome Research, 2021, 20, 5227-5240.	3.7	30
17	Endothelial Yin Yang 1 Phosphorylation at S118 Induces Atherosclerosis Under Flow. Circulation Research, 2021, 129, 1158-1174.	4.5	10
18	ZIC-chILIC-Based StageTip for Simultaneous Glycopeptide Enrichment and Fractionation toward Large-Scale N-Sialoglycoproteomics. Analytical Chemistry, 2021, 93, 15931-15940.	6.5	19

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19	Sample Size-Comparable Spectral Library Enhances Data-Independent Acquisition-Based Proteome Coverage of Low-Input Cells. <i>Analytical Chemistry</i> , 2021, 93, 17003-17011.	6.5	17
20	Transcriptomic and Proteomic Profiling of Human Mesenchymal Stem Cell Derived from Umbilical Cord in the Study of Preterm Birth. <i>Proteomics - Clinical Applications</i> , 2020, 14, e1900024.	1.6	6
21	Proteomic Analysis Reveals Anti-Fibrotic Effects of Blue Light Photobiomodulation on Fibroblasts. <i>Lasers in Surgery and Medicine</i> , 2020, 52, 358-372.	2.1	6
22	GPER-induced signaling is essential for the survival of breast cancer stem cells. <i>International Journal of Cancer</i> , 2020, 146, 1674-1685.	5.1	37
23	Palmitoyl Acyltransferase Activity of ZDHHC13 Regulates Skin Barrier Development Partly by Controlling PADI3 and TGM1 Protein Stability. <i>Journal of Investigative Dermatology</i> , 2020, 140, 959-970.e3.	0.7	10
24	Fluorescence Turn-on Lectin Sensors Fabricated by Ligand-Assisted Labeling Probes for Detecting Protein-Glycoprotein Interactions. <i>Biomacromolecules</i> , 2020, 21, 815-824.	5.4	3
25	Standardization and harmonization of distributed multi-center proteotype analysis supporting precision medicine studies. <i>Nature Communications</i> , 2020, 11, 5248.	12.8	49
26	Identification of Conomarphin Variants in the Conus eburneus Venom and the Effect of Sequence and PTM Variations on Conomarphin Conformations. <i>Marine Drugs</i> , 2020, 18, 503.	4.6	3
27	Proteogenomics of Non-smoking Lung Cancer in East Asia Delineates Molecular Signatures of Pathogenesis and Progression. <i>Cell</i> , 2020, 182, 226-244.e17.	28.9	178
28	Direct Oligosaccharide Profiling Using Thin-Layer Chromatography Coupled with Ionic Liquid-Stabilized Nanomatrix-Assisted Laser Desorption-Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 11544-11552.	6.5	14
29	Boronate affinity-based photoactivatable magnetic nanoparticles for the oriented and irreversible conjugation of Fc-fused lectins and antibodies. <i>Chemical Science</i> , 2019, 10, 8600-8609.	7.4	8
30	Regulation of miRNA Biogenesis and Histone Modification by K63-Polyubiquitinated DDX17 Controls Cancer Stem-like Features. <i>Cancer Research</i> , 2019, 79, 2549-2563.	0.9	45
31	High Glucose Triggers Nucleotide Imbalance through O-GlcNAcylation of Key Enzymes and Induces KRAS Mutation in Pancreatic Cells. <i>Cell Metabolism</i> , 2019, 29, 1334-1349.e10.	16.2	72
32	Thymidylate kinase is critical for DNA repair via ATM-dependent Tip60 complex formation. <i>FASEB Journal</i> , 2019, 33, 2017-2025.	0.5	6
33	Alteration of mesenchymal stem cells polarity by laminar shear stimulation promoting β -catenin nuclear localization. <i>Biomaterials</i> , 2019, 190-191, 1-10.	11.4	14
34	Internationalization and investment-cash flow sensitivity: Evidence from Taiwan. <i>Asia Pacific Management Review</i> , 2019, 24, 154-160.	4.4	1
35	Systematic Protein Prioritization for Targeted Proteomics Studies through Literature Mining. <i>Journal of Proteome Research</i> , 2018, 17, 1383-1396.	3.7	16
36	ROS-independent ER stress-mediated NRF2 activation promotes warburg effect to maintain stemness-associated properties of cancer-initiating cells. <i>Cell Death and Disease</i> , 2018, 9, 194.	6.3	73

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37	Chemotherapy Immunophenoprofiles in Nonâ€Smallâ€Cell Lung Cancer by Personalized Membrane Proteomics. <i>Proteomics - Clinical Applications</i> , 2018, 12, 1700040.	1.6	6
38	Inducing hair follicle neogenesis with secreted proteins enriched in embryonic skin. <i>Biomaterials</i> , 2018, 167, 121-131.	11.4	29
39	FAM198B Is Associated with Prolonged Survival and Inhibits Metastasis in Lung Adenocarcinoma via Blockage of ERK-Mediated MMP-1 Expression. <i>Clinical Cancer Research</i> , 2018, 24, 916-926.	7.0	23
40	Glycoproteomic Alterations in Drug-Resistant Nonsmall Cell Lung Cancer Cells Revealed by Lectin Magnetic Nanoprobe-Based Mass Spectrometry. <i>Journal of Proteome Research</i> , 2018, 17, 3761-3773.	3.7	26
41	Launching the C-HPP neXt-CP50 Pilot Project for Functional Characterization of Identified Proteins with No Known Function. <i>Journal of Proteome Research</i> , 2018, 17, 4042-4050.	3.7	41
42	DNA Demethylation by DNMT3A and DNMT3B in vitro and of Methylated Episomal DNA in Transiently Transfected Cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 1048-1061.	1.9	6
43	Surface markers of human embryonic stem cells: a meta analysis of membrane proteomics reports. <i>Expert Review of Proteomics</i> , 2018, 15, 911-922.	3.0	8
44	Subcellular Proteome Landscape of Human Embryonic Stem Cells Revealed Missing Membrane Proteins. <i>Journal of Proteome Research</i> , 2018, 17, 4138-4151.	3.7	19
45	Î²-Amyloid Induces Pathology-Related Patterns of Tau Hyperphosphorylation at Synaptic Terminals. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 814-826.	1.7	46
46	Directed strain evolution restructures metabolism for 1-butanol production in minimal media. <i>Metabolic Engineering</i> , 2018, 49, 153-163.	7.0	22
47	A Cloud-Based Metabolite and Chemical Prioritization System for the Biology/Disease-Driven Human Proteome Project. <i>Journal of Proteome Research</i> , 2018, 17, 4345-4357.	3.7	7
48	Evaluating the Possibility of Detecting Variants in Shotgun Proteomics via LeTE-Fusion Analysis Pipeline. <i>Journal of Proteome Research</i> , 2018, 17, 2937-2952.	3.7	5
49	Glucose intake hampers PKA-regulated HSP90 chaperone activity. <i>ELife</i> , 2018, 7, .	6.0	16
50	Identification of Potential Plasma Biomarkers for Nonalcoholic Fatty Liver Disease by Integrating Transcriptomics and Proteomics in Laying Hens. <i>Journal of Nutrition</i> , 2017, 147, 293-303.	2.9	28
51	Proteome analysis of human embryonic stem cells organelles. <i>Journal of Proteomics</i> , 2017, 162, 108-118.	2.4	12
52	Exploring the expression bar code of SAA variants for gastric cancer detection. <i>Proteomics</i> , 2017, 17, 1600356.	2.2	3
53	Data for whole and mitochondrial proteome of human embryonic stem cells. <i>Data in Brief</i> , 2017, 13, 371-376.	1.0	2
54	One-Pot Two-Nanoprobe Assay Uncovers Targeted Glycoprotein Biosignature. <i>Analytical Chemistry</i> , 2017, 89, 3973-3980.	6.5	30

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55	Phosphoproteomics Reveals HMGA1, a CK2 Substrate, as a Drug-Resistant Target in Non-Small Cell Lung Cancer. <i>Scientific Reports</i> , 2017, 7, 44021.	3.3	31
56	An Integrated System to Remotely Trigger Intracellular Signal Transduction by Upconversion Nanoparticle-mediated Kinase Photoactivation. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	1
57	Identification of Siglec Ligands Using a Proximity Labeling Method. <i>Journal of Proteome Research</i> , 2017, 16, 3929-3941.	3.7	73
58	Decoding the Effect of Isobaric Substitutions on Identifying Missing Proteins and Variant Peptides in Human Proteome. <i>Journal of Proteome Research</i> , 2017, 16, 4415-4424.	3.7	8
59	Role of S-Palmitoylation by ZDHHC13 in Mitochondrial function and Metabolism in Liver. <i>Scientific Reports</i> , 2017, 7, 2182.	3.3	66
60	iTop-Q: an Intelligent Tool for Top-down Proteomics Quantitation Using DYAMOND Algorithm. <i>Analytical Chemistry</i> , 2017, 89, 13128-13136.	6.5	2
61	Combining membrane proteomics and computational three-way pathway analysis revealed signalling pathways preferentially regulated in human iPSCs and human ESCs. <i>Scientific Reports</i> , 2017, 7, 15055.	3.3	3
62	A Role Model with Endless Enthusiasm for Science: In Memory of Tsutomu Masujima. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2017, 65, 150-153.	0.1	0
63	Biomarker identification of hepatocellular carcinoma using a methodical literature mining strategy. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, .	3.0	6
64	Absolute Phosphorylation Stoichiometry Analysis by Motif-Targeting Quantitative Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2017, 1636, 313-325.	0.9	1
65	Untargeted, spectral library-free analysis of data-independent acquisition proteomics data generated using Orbitrap mass spectrometers. <i>Proteomics</i> , 2016, 16, 2257-2271.	2.2	56
66	K63-polyubiquitinated HAUSP deubiquitinates HIF-1 α and dictates H3K56 acetylation promoting hypoxia-induced tumour progression. <i>Nature Communications</i> , 2016, 7, 13644.	12.8	99
67	The Impact of dUTPase on Ribonucleotide Reductase-Induced Genome Instability in Cancer Cells. <i>Cell Reports</i> , 2016, 16, 1287-1299.	6.4	22
68	Functionalized HgTe nanoparticles promote laser-induced solid phase ionization/dissociation for comprehensive glycan sequencing. <i>Analyst</i> , The, 2016, 141, 6093-6103.	3.5	10
69	Atomic force microscopy characterization of kinase-mediated phosphorylation of a peptide monolayer. <i>Scientific Reports</i> , 2016, 6, 36793.	3.3	10
70	Temporal regulation of Lsp1 O-GlcNAcylation and phosphorylation during apoptosis of activated B cells. <i>Nature Communications</i> , 2016, 7, 12526.	12.8	28
71	Chemical Inhibition of Human Thymidylate Kinase and Structural Insights into the Phosphate Binding Loop and Ligand-Induced Degradation. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 9906-9918.	6.4	15
72	The Shp2-induced epithelial disorganization defect is reversed by HDAC6 inhibition independent of Cdc42. <i>Nature Communications</i> , 2016, 7, 10420.	12.8	6

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73	A photo-cleavable biotin affinity tag for the facile release of a photo-crosslinked carbohydrate-binding protein. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1216-1224.	3.0	14
74	The Influence of Phase Separation on Bioactivity of Spray Pyrolyzed Bioactive Glass. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4688-4696.	0.9	3
75	Mitochondrial translocation of EGFR regulates mitochondria dynamics and promotes metastasis in NSCLC. <i>Oncotarget</i> , 2015, 6, 37349-37366.	1.8	74
76	Analysis of Protein Stability by the Cycloheximide Chase Assay. <i>Bio-protocol</i> , 2015, 5, .	0.4	74
77	DcR3 suppresses influenza virus-induced macrophage activation and attenuates pulmonary inflammation and lethality. <i>Journal of Molecular Medicine</i> , 2015, 93, 1131-1143.	3.9	12
78	UV-activated multilayer nanomatrix provides one-step tunable carbohydrate structural characterization in MALDI-MS. <i>Chemical Science</i> , 2015, 6, 4790-4800.	7.4	14
79	MAGIC: An Automated N-Linked Glycoprotein Identification Tool Using a Y1-Ion Pattern Matching Algorithm and <i>in Silico</i> MS ² Approach. <i>Analytical Chemistry</i> , 2015, 87, 2466-2473.	6.5	67
80	Mining Missing Membrane Proteins by High-pH Reverse-Phase StageTip Fractionation and Multiple Reaction Monitoring Mass Spectrometry. <i>Journal of Proteome Research</i> , 2015, 14, 3658-3669.	3.7	24
81	Qualification and Verification of Serological Biomarker Candidates for Lung Adenocarcinoma by Targeted Mass Spectrometry. <i>Journal of Proteome Research</i> , 2015, 14, 3039-3050.	3.7	18
82	Imaging Endogenous Bilirubins with Two-Photon Fluorescence of Bilirubin Dimers. <i>Analytical Chemistry</i> , 2015, 87, 7575-7582.	6.5	25
83	Quest for Missing Proteins: Update 2015 on Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2015, 14, 3415-3431.	3.7	53
84	Glutathionylspermidine in the Modification of Protein SH Groups: The Enzymology and Its Application to Study Protein Glutathionylation. <i>Molecules</i> , 2015, 20, 1452-1474.	3.8	10
85	Effect of sialylation on EGFR phosphorylation and resistance to tyrosine kinase inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6955-6960.	7.1	102
86	dbSNO 2.0: a resource for exploring structural environment, functional and disease association and regulatory network of protein S-nitrosylation. <i>Nucleic Acids Research</i> , 2015, 43, D503-D511.	14.5	65
87	Large-scale determination of absolute phosphorylation stoichiometries in human cells by motif-targeting quantitative proteomics. <i>Nature Communications</i> , 2015, 6, 6622.	12.8	139
88	Cyclic Alopecia and Abnormal Epidermal Cornification in <i>Zdhhc13</i> -Deficient Mice Reveal the Importance of Palmitoylation in Hair and Skin Differentiation. <i>Journal of Investigative Dermatology</i> , 2015, 135, 2603-2610.	0.7	15
89	Integrating proteomics with electrochemistry for identifying kinase biomarkers. <i>Chemical Science</i> , 2015, 6, 4756-4766.	7.4	30
90	Monodispersity of magnetic immuno-nanoprobes enhances the detection sensitivity of low abundance biomarkers in one drop of serum. <i>Analyst, The</i> , 2015, 140, 7678-7686.	3.5	5

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91	Rapid High-pH Reverse Phase StageTip for Sensitive Small-Scale Membrane Proteomic Profiling. <i>Analytical Chemistry</i> , 2015, 87, 12016-12023.	6.5	47
92	Informatics View on the Challenges of Identifying Missing Proteins from Shotgun Proteomics. <i>Journal of Proteome Research</i> , 2015, 14, 5396-5407.	3.7	14
93	Slug is temporally regulated by cyclin E in cell cycle and controls genome stability. <i>Oncogene</i> , 2015, 34, 1116-1125.	5.9	32
94	GSHSite: Exploiting an Iteratively Statistical Method to Identify S-Glutathionylation Sites with Substrate Specificity. <i>PLoS ONE</i> , 2015, 10, e0118752.	2.5	26
95	An Intelligent System for Identifying Acetylated Lysine on Histones and Nonhistone Proteins. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	20
96	Global Analysis of Cdc14 Dephosphorylation Sites Reveals Essential Regulatory Role in Mitosis and Cytokinesis. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 594-605.	3.8	25
97	Distinct Subpopulations of Head and Neck Cancer Cells with Different Levels of Intracellular Reactive Oxygen Species Exhibit Diverse Stemness, Proliferation, and Chemosensitivity. <i>Cancer Research</i> , 2014, 74, 6291-6305.	0.9	104
98	Construction of Nitrogen-Containing 9-Membered Ring Epoxy Vinyl Ethers via Gold(I)-Catalyzed Intramolecular Cyclization Reactions of Acyclic 5,3-Epoxy-7-yn-1-ols. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 1281-1288.		2
99	RegPhos 2.0: an updated resource to explore protein kinase-substrate phosphorylation networks in mammals. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau034.	3.0	38
100	Incorporating Amino Acids Composition and Functional Domains for Identifying Bacterial Toxin Proteins. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	3
101	dbGSH: a database of S-glutathionylation. <i>Bioinformatics</i> , 2014, 30, 2386-2388.	4.1	50
102	Phosphoproteomic analyses reveal that galectin-1 augments the dynamics of B-cell receptor signaling. <i>Journal of Proteomics</i> , 2014, 103, 241-253.	2.4	12
103	Cancer-associated fibroblasts regulate the plasticity of lung cancer stemness via paracrine signalling. <i>Nature Communications</i> , 2014, 5, 3472.	12.8	317
104	Sequential Phosphoproteomic Enrichment through Complementary Metal-Directed Immobilized Metal Ion Affinity Chromatography. <i>Analytical Chemistry</i> , 2014, 86, 685-693.	6.5	100
105	Decoding the S-Nitrosoproteomic Atlas in Individualized Human Colorectal Cancer Tissues Using a Label-Free Quantitation Strategy. <i>Journal of Proteome Research</i> , 2014, 13, 4942-4958.	3.7	19
106	Sequential one-pot enzymatic synthesis of oligo-N-acetyllactosamine and its multi-sialylated extensions. <i>Chemical Communications</i> , 2014, 50, 5786-5789.	4.1	30
107	Interaction modes and approaches to glycopeptide and glycoprotein enrichment. <i>Analyst</i> , 2014, 139, 688-704.	3.5	111
108	HSP70 colocalizes with PLK1 at the centrosome and disturbs spindle dynamics in cells arrested in mitosis by arsenic trioxide. <i>Archives of Toxicology</i> , 2014, 88, 1711-1723.	4.2	31

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109	Chromosome-centric Human Proteome Project (C-HPP): Chromosome 12. <i>Journal of Proteome Research</i> , 2014, 13, 3160-3165.	3.7	4
110	GSK3 β controls epithelial \rightarrow mesenchymal transition and tumor metastasis by CHIP-mediated degradation of Slug. <i>Oncogene</i> , 2014, 33, 3172-3182.	5.9	118
111	Quantitative proteomics analysis highlights the role of redox hemostasis and energy metabolism in human embryonic stem cell differentiation to neural cells. <i>Journal of Proteomics</i> , 2014, 101, 1-16.	2.4	25
112	Characterization and identification of protein O-GlcNAcylation sites with substrate specificity. <i>BMC Bioinformatics</i> , 2014, 15, S1.	2.6	27
113	Palmitoyl Acyltransferase, Zdhhc13, Facilitates Bone Mass Acquisition by Regulating Postnatal Epiphyseal Development and Endochondral Ossification: A Mouse Model. <i>PLoS ONE</i> , 2014, 9, e92194.	2.5	24
114	Recent Development of Mass Spectrometric Technologies in Asia and Oceania. <i>Mass Spectrometry</i> , 2014, 3, K0006-K0006.	0.6	0
115	Decoding the Disease-Associated Proteins Encoded in the Human Chromosome 4. <i>Journal of Proteome Research</i> , 2013, 12, 33-44.	3.7	9
116	An iTRAQ Proteomic Study Reveals an Association between Diet-Induced Enhanced Fatty Acid Metabolism and the Development of Glucose Intolerance in Prediabetic Mice. <i>Journal of Proteome Research</i> , 2013, 12, 1120-1133.	3.7	14
117	Methods for detection and characterization of protein S-nitrosylation. <i>Methods</i> , 2013, 62, 138-150.	3.8	21
118	Quantitative Proteomics Reveals Diverse Roles of miR-148a from Gastric Cancer Progression to Neurological Development. <i>Journal of Proteome Research</i> , 2013, 12, 3993-4004.	3.7	20
119	A Chemically Functionalized Magnetic Nanoplatfrom for Rapid and Specific Biomolecular Recognition and Separation. <i>Biomacromolecules</i> , 2013, 14, 160-168.	5.4	33
120	BAD-Lectins: Boronic Acid-Decorated Lectins with Enhanced Binding Affinity for the Selective Enrichment of Glycoproteins. <i>Analytical Chemistry</i> , 2013, 85, 8268-8276.	6.5	33
121	Spectrum-based Method to Generate Good Decoy Libraries for Spectral Library Searching in Peptide Identifications. <i>Journal of Proteome Research</i> , 2013, 12, 2305-2310.	3.7	24
122	Quantitative Phosphoproteomic Study of Pressure-Overloaded Mouse Heart Reveals Dynamin-Related Protein 1 as a Modulator of Cardiac Hypertrophy. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 3094-3107.	3.8	57
123	Synthesis and Evaluation of a Photoactive Probe with a Multivalent Carbohydrate for Capturing Carbohydrate \rightarrow Lectin Interactions. <i>Bioconjugate Chemistry</i> , 2013, 24, 1895-1906.	3.6	18
124	Identification of Downstream Components of Ubiquitin-Conjugating Enzyme PHOSPHATE2 by Quantitative Membrane Proteomics in <i>Arabidopsis</i> Roots. <i>Plant Cell</i> , 2013, 25, 4044-4060.	6.6	242
125	Androgen modulates cardiac fibrosis contributing to gender differences on heart failure. <i>Aging Male</i> , 2013, 16, 22-27.	1.9	10
126	dbPTM 3.0: an informative resource for investigating substrate site specificity and functional association of protein post-translational modifications. <i>Nucleic Acids Research</i> , 2013, 41, D295-D305.	14.5	179

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127	Quantitative Proteomic Analysis of Human Lung Tumor Xenografts Treated with the Ectopic ATP Synthase Inhibitor Citreoviridin. <i>PLoS ONE</i> , 2013, 8, e70642.	2.5	26
128	Prioritization of Cancer Marker Candidates Based on the Immunohistochemistry Staining Images Deposited in the Human Protein Atlas. <i>PLoS ONE</i> , 2013, 8, e81079.	2.5	9
129	Thyroid Storm and Incidental Anterior Mediastinal Teratoma: Coincidence or Correlation?. <i>Acta Cardiologica Sinica</i> , 2013, 29, 467-70.	0.2	0
130	dbSNO: a database of cysteine <i>S</i> -nitrosylation. <i>Bioinformatics</i> , 2012, 28, 2293-2295.	4.1	71
131	Cancer Phosphoproteomics: Tools and Emerging Applications for Mining the Phosphoproteome in Cancer Biology. , 2012, , 161-188.		0
132	Membrane Proteomics for the Opportunity of Cancer Biomarker and Drug Target Discovery. , 2012, , 259-286.		0
133	Phosphoproteomic Analysis of Human Mesenchymal Stromal Cells during Osteogenic Differentiation. <i>Journal of Proteome Research</i> , 2012, 11, 586-598.	3.7	14
134	Complementary Fe ³⁺ and Ti ⁴⁺ immobilized metal ion affinity chromatography for purification of acidic and basic phosphopeptides. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 2186-2194.	1.5	43
135	In-depth Identification of Pathways Related to Cisplatin-induced Hepatotoxicity through an Integrative Method Based on an Informatics-assisted Label-free Protein Quantitation and Microarray Gene Expression Approach. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.010884.	3.8	58
136	Tumor Cells Require Thymidylate Kinase to Prevent dUTP Incorporation during DNA Repair. <i>Cancer Cell</i> , 2012, 22, 36-50.	16.8	56
137	A new type of donor-acceptor dye bridged by the bidentate moiety; metal ion complexation enhancing DSSC performance. <i>Journal of Materials Chemistry</i> , 2011, 21, 4090.	6.7	16
138	Iron Oxide Nanomatrix Facilitating Metal Ionization in Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 9337-9343.	6.5	18
139	A Genuine Intramolecular Proton Relay System Undergoing Excited-State Double Proton Transfer Reaction. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 3063-3068.	4.6	94
140	Identification of SEC61 ^{Δ2} and its autoantibody as biomarkers for colorectal cancer. <i>Clinica Chimica Acta</i> , 2011, 412, 887-893.	1.1	18
141	Interplay between SIN3A and STAT3 Mediates Chromatin Conformational Changes and GFAP Expression during Cellular Differentiation. <i>PLoS ONE</i> , 2011, 6, e22018.	2.5	48
142	Surface Marker Epithelial Cell Adhesion Molecule and E-cadherin Facilitate the Identification and Selection of Induced Pluripotent Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 722-735.	5.6	55
143	Rapid and specific influenza virus detection by functionalized magnetic nanoparticles and mass spectrometry. <i>Journal of Nanobiotechnology</i> , 2011, 9, 52.	9.1	71
144	Nanoprobe-based immobilized metal affinity chromatography for sensitive and complementary enrichment of multiply phosphorylated peptides. <i>Proteomics</i> , 2011, 11, 2639-2653.	2.2	20

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145	Nanoparticle-assisted MALDI-TOF MS combined with seed-layer surface preparation for quantification of small molecules. <i>Analytica Chimica Acta</i> , 2011, 697, 1-7.	5.4	30
146	Phosphoproteomics by Highly Selective IMAC Protocol. <i>Neuromethods</i> , 2011, , 181-196.	0.3	3
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148	Phosphoproteomics Identifies Oncogenic Ras Signaling Targets and Their Involvement in Lung Adenocarcinomas. <i>PLoS ONE</i> , 2011, 6, e20199.	2.5	35
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