

Yu-Ju Chen

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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.

208
papers

6,457
citations

48
h-index

69
g-index

229
ext. papers

7,467
ext. citations

6.6
avg, IF

5.4
L-index

#	Paper	IF	Citations
208	Cancer-associated fibroblasts regulate the plasticity of lung cancer stemness via paracrine signalling. <i>Nature Communications</i> , 2014 , 5, 3472	17.4	246
207	Identification of downstream components of ubiquitin-conjugating enzyme PHOSPHATE2 by quantitative membrane proteomics in Arabidopsis roots. <i>Plant Cell</i> , 2013 , 25, 4044-60	11.6	165
206	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, D295-305	20.1	159
205	Site-specific protein modification through Cu(I)-catalyzed 1,2,3-triazole formation and its implementation in protein microarray fabrication. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 4286-90	16.4	153
204	Functionalized magnetic nanoparticles for small-molecule isolation, identification, and quantification. <i>Analytical Chemistry</i> , 2007 , 79, 3401-8	7.8	136
203	Ethylene glycol-protected magnetic nanoparticles for a multiplexed immunoassay in human plasma. <i>Small</i> , 2006 , 2, 485-9	11	128
202	A multiplexed quantitative strategy for membrane proteomics: opportunities for mining therapeutic targets for autosomal dominant polycystic kidney disease. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 1983-97	7.6	124
201	Immobilized metal affinity chromatography revisited: pH/acid control toward high selectivity in phosphoproteomics. <i>Journal of Proteome Research</i> , 2008 , 7, 4058-69	5.6	111
200	IDEAL-Q, an automated tool for label-free quantitation analysis using an efficient peptide alignment approach and spectral data validation. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 131-44	7.6	109
199	Large-scale determination of absolute phosphorylation stoichiometries in human cells by motif-targeting quantitative proteomics. <i>Nature Communications</i> , 2015 , 6, 6622	17.4	99
198	Multi-Q: a fully automated tool for multiplexed protein quantitation. <i>Journal of Proteome Research</i> , 2006 , 5, 2328-38	5.6	98
197	Interaction modes and approaches to glycopeptide and glycoprotein enrichment. <i>Analyst, The</i> , 2014 , 139, 688-704	5	96
196	Globotriose-functionalized gold nanoparticles as multivalent probes for Shiga-like toxin. <i>ChemBioChem</i> , 2008 , 9, 1100-9	3.8	96
195	Plasma proteome of severe acute respiratory syndrome analyzed by two-dimensional gel electrophoresis and mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 17039-44	11.5	94
194	Fabrication of oriented antibody-conjugated magnetic nanoprobe and their immunoaffinity application. <i>Analytical Chemistry</i> , 2009 , 81, 8774-82	7.8	92
193	GSK3 β controls epithelial-mesenchymal transition and tumor metastasis by CHIP-mediated degradation of Slug. <i>Oncogene</i> , 2014 , 33, 3172-82	9.2	91
192	Production of high-quality particulate methane monooxygenase in high yields from <i>Methylococcus capsulatus</i> (bath) with a hollow-fiber membrane bioreactor. <i>Journal of Bacteriology</i> , 2003 , 185, 5915-24	3.5	91

191	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, 6291-305	10.1	81
190	Sequential phosphoproteomic enrichment through complementary metal-directed immobilized metal ion affinity chromatography. <i>Analytical Chemistry</i> , 2014 , 86, 685-93	7.8	77
189	A Genuine Intramolecular Proton Relay System Undergoing Excited-State Double Proton Transfer Reaction. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 3063-3068	6.4	76
188	Identification of tumor-associated plasma biomarkers using proteomic techniques: from mouse to human. <i>Proteomics</i> , 2004 , 4, 2766-75	4.8	76
187	Evaluation of serum amyloid A as a biomarker for gastric cancer. <i>Annals of Surgical Oncology</i> , 2007 , 14, 84-93	3.1	74
186	Nanoprobe-based affinity mass spectrometry for selected protein profiling in human plasma. <i>Analytical Chemistry</i> , 2005 , 77, 5990-7	7.8	72
185	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, 6955-60	11.5	71
184	Quantitative proteomic analysis of metabolic regulation by copper ions in <i>Methylococcus capsulatus</i> (Bath). <i>Journal of Biological Chemistry</i> , 2004 , 279, 51554-60	5.4	71
183	A high resolution photoionization study of Ne and Ar: Observation of mass analyzed threshold ions using synchrotron radiation and direct current electric fields. <i>Journal of Chemical Physics</i> , 1996 , 105, 3950-3961	3.9	71
182	Combining Theory with Experiment: Assessment of the Thermochemistry of SF _n , SF _n ⁺ , and SF _n ⁻ , n = 1-6. <i>Journal of the American Chemical Society</i> , 1995 , 117, 9725-9733	16.4	69
181	SNOSite: exploiting maximal dependence decomposition to identify cysteine S-nitrosylation with substrate site specificity. <i>PLoS ONE</i> , 2011 , 6, e21849	3.7	69
180	Quantitative proteomic and genomic profiling reveals metastasis-related protein expression patterns in gastric cancer cells. <i>Journal of Proteome Research</i> , 2006 , 5, 2727-42	5.6	68
179	dbSNO: a database of cysteine S-nitrosylation. <i>Bioinformatics</i> , 2012 , 28, 2293-5	7.2	67
178	Multiplexed immunoassay: quantitation and profiling of serum biomarkers using magnetic nanoprobe and MALDI-TOF MS. <i>Analytical Chemistry</i> , 2008 , 80, 6159-67	7.8	66
177	Proteogenomics of Non-smoking Lung Cancer in East Asia Delineates Molecular Signatures of Pathogenesis and Progression. <i>Cell</i> , 2020 , 182, 226-244.e17	56.2	65
176	Rapid and specific influenza virus detection by functionalized magnetic nanoparticles and mass spectrometry. <i>Journal of Nanobiotechnology</i> , 2011 , 9, 52	9.4	63
175	Phosphorescent Ir(III) complexes bearing double benzyldiphenylphosphine cyclometalates; strategic synthesis, fundamental and integration for white OLED fabrication. <i>Journal of Materials Chemistry</i> , 2010 , 20, 7682		63
174	Nitric oxide physiological responses and delivery mechanisms probed by water-soluble Roussin® red ester and {Fe(NO) ₂ } ₁₀ DNIC. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10929-38	16.4	62

173	Carbohydrate-encapsulated gold nanoparticles for rapid target-protein identification and binding-epitope mapping. <i>ChemBioChem</i> , 2005 , 6, 1169-73	3.8	62
172	K63-polyubiquitinated HAUSP deubiquitinates HIF-1 α and dictates H3K56 acetylation promoting hypoxia-induced tumour progression. <i>Nature Communications</i> , 2016 , 7, 13644	17.4	61
171	S-alkylating labeling strategy for site-specific identification of the s-nitrosoproteome. <i>Journal of Proteome Research</i> , 2010 , 9, 6417-39	5.6	56
170	MAGIC: an automated N-linked glycoprotein identification tool using a Y1-ion pattern matching algorithm and in silico MS μ approach. <i>Analytical Chemistry</i> , 2015 , 87, 2466-73	7.8	55
169	Role for alpha-L-fucosidase in the control of Helicobacter pylori-infected gastric cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 14581-6	11.5	55
168	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, D503-11	20.1	54
167	An informatics-assisted label-free quantitation strategy that depicts phosphoproteomic profiles in lung cancer cell invasion. <i>Journal of Proteome Research</i> , 2010 , 9, 5582-97	5.6	52
166	Quest for Missing Proteins: Update 2015 on Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2015 , 14, 3415-31	5.6	50
165	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	9.8	50
164	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	7.6	49
163	Mitochondrial translocation of EGFR regulates mitochondria dynamics and promotes metastasis in NSCLC. <i>Oncotarget</i> , 2015 , 6, 37349-66	3.3	48
162	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, 722-35	6.4	48
161	Comparison of membrane fraction proteomic profiles of normal and cancerous human colorectal tissues with gel-assisted digestion and iTRAQ labeling mass spectrometry. <i>FEBS Journal</i> , 2010 , 277, 3028-38	5.7	48
160	An informatics-assisted label-free approach for personalized tissue membrane proteomics: case study on colorectal cancer. <i>Molecular and Cellular Proteomics</i> , 2011 , 10, M110.003087	7.6	48
159	Analysis of Protein Stability by the Cycloheximide Chase Assay. <i>Bio-protocol</i> , 2015 , 5,	0.9	46
158	Tumor cells require thymidylate kinase to prevent dUTP incorporation during DNA repair. <i>Cancer Cell</i> , 2012 , 22, 36-50	24.3	46
157	Untargeted, spectral library-free analysis of data-independent acquisition proteomics data generated using Orbitrap mass spectrometers. <i>Proteomics</i> , 2016 , 16, 2257-71	4.8	45
156	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, 3094-107	7.6	44

155	dbGSH: a database of S-glutathionylation. <i>Bioinformatics</i> , 2014 , 30, 2386-8	7.2	43
154	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, 2186-94	2.2	41
153	Interplay between SIN3A and STAT3 mediates chromatin conformational changes and GFAP expression during cellular differentiation. <i>PLoS ONE</i> , 2011 , 6, e22018	3.7	41
152	Rotational-resolved pulsed field ionization photoelectron bands for H ₂ ⁺ (X 2 \bar{u} ⁺ , v ⁺ =0, 2, 9 and 11). <i>Chemical Physics Letters</i> , 1998 , 289, 507-515	2.5	41
151	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	24.6	40
150	Identification of Siglec Ligands Using a Proximity Labeling Method. <i>Journal of Proteome Research</i> , 2017 , 16, 3929-3941	5.6	37
149	Role of S-Palmitoylation by ZDHHC13 in Mitochondrial function and Metabolism in Liver. <i>Scientific Reports</i> , 2017 , 7, 2182	4.9	37
148	Dihydrobenzoic acid modified nanoparticle as a MALDI-TOF MS matrix for soft ionization and structure determination of small molecules with diverse structures. <i>Journal of the American Society for Mass Spectrometry</i> , 2010 , 21, 1930-9	3.5	37
147	Synthesis and crystal structure of core-modified benziporphyrin: thia-p-benziporphyrin. <i>Tetrahedron Letters</i> , 2004 , 45, 129-132	2	33
146	Phosphoproteomics identifies oncogenic Ras signaling targets and their involvement in lung adenocarcinomas. <i>PLoS ONE</i> , 2011 , 6, e20199	3.7	33
145	Temporal proteomics profiling of lipid rafts in CCR6-activated T cells reveals the integration of actin cytoskeleton dynamics. <i>Journal of Proteome Research</i> , 2010 , 9, 283-97	5.6	32
144	A chemically functionalized magnetic nanoplatform for rapid and specific biomolecular recognition and separation. <i>Biomacromolecules</i> , 2013 , 14, 160-8	6.9	31
143	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	5.6	31
142	Rapid High-pH Reverse Phase StageTip for Sensitive Small-Scale Membrane Proteomic Profiling. <i>Analytical Chemistry</i> , 2015 , 87, 12016-23	7.8	30
141	β Amyloid Induces Pathology-Related Patterns of Tau Hyperphosphorylation at Synaptic Terminals. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018 , 77, 814-826	3.1	30
140	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	5	30
139	Detection of ClCO with time-resolved Fourier-transform infrared absorption spectroscopy. <i>Chemical Physics Letters</i> , 2001 , 333, 365-370	2.5	30
138	BAD-lectins: boronic acid-decorated lectins with enhanced binding affinity for the selective enrichment of glycoproteins. <i>Analytical Chemistry</i> , 2013 , 85, 8268-76	7.8	29

137	Dissociation of CH ₃ SH ⁺ by Collisional Activation: Evidence of Nonstatistical Behavior <i>Journal of Physical Chemistry A</i> , 1997 , 101, 6513-6522	2.8	29
136	Regulation of miRNA Biogenesis and Histone Modification by K63-Polyubiquitinated DDX17 Controls Cancer Stem-like Features. <i>Cancer Research</i> , 2019 , 79, 2549-2563	10.1	28
135	Slug is temporally regulated by cyclin E in cell cycle and controls genome stability. <i>Oncogene</i> , 2015 , 34, 1116-25	9.2	27
134	Study of the preferred modification sites of the quinone methide intermediate resulting from the latent trapping device of the activity probes for hydrolases. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 326, 30-5	3.4	27
133	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, 1711-23	5.8	26
132	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	6.6	26
131	International Diversification, Ownership Structure, Legal Origin, and Earnings Management: Evidence from Taiwan. <i>Journal of Accounting, Auditing & Finance</i> , 2009 , 24, 233-262	1.1	26
130	Nanomaterial based affinity matrix-assisted laser desorption/ionization mass spectrometry for biomolecules and pathogenic bacteria. <i>Recent Patents on Nanotechnology</i> , 2007 , 1, 99-111	1.2	26
129	Sequential one-pot enzymatic synthesis of oligo-N-acetyllactosamine and its multi-sialylated extensions. <i>Chemical Communications</i> , 2014 , 50, 5786-9	5.8	25
128	GSHSite: exploiting an iteratively statistical method to identify s-glutathionylation sites with substrate specificity. <i>PLoS ONE</i> , 2015 , 10, e0118752	3.7	25
127	Characterization and identification of protein O-GlcNAcylation sites with substrate specificity. <i>BMC Bioinformatics</i> , 2014 , 15 Suppl 16, S1	3.6	23
126	Mechanistic aspects of Coll(HAPP)(TFA) ₂ in DNA bulge-specific recognition. <i>Nucleic Acids Research</i> , 2003 , 31, 2227-33	20.1	23
125	Nuclear efflux of heterogeneous nuclear ribonucleoprotein C1/C2 in apoptotic cells: a novel nuclear export dependent on Rho-associated kinase activation. <i>Journal of Cell Science</i> , 2004 , 117, 5579-89	5.3	23
124	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	3.9	22
123	The Asia Oceania Human Proteome Organisation Membrane Proteomics Initiative. Preparation and characterisation of the carbonate-washed membrane standard. <i>Proteomics</i> , 2010 , 10, 4142-8	4.8	22
122	Molecular identification of canine podocalyxin-like protein 1 as a renal tubulogenic regulator. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 1612-22	12.7	22
121	Integrating proteomics with electrochemistry for identifying kinase biomarkers. <i>Chemical Science</i> , 2015 , 6, 4756-4766	9.4	21
120	Inducing hair follicle neogenesis with secreted proteins enriched in embryonic skin. <i>Biomaterials</i> , 2018 , 167, 121-131	15.6	21

119	Global analysis of cdc14 dephosphorylation sites reveals essential regulatory role in mitosis and cytokinesis. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 594-605	7.6	21
118	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, 3658-69	5.6	20
117	Self-assembly of tetrametallic square [Re ₄ (CO) ₁₂ Br ₄ (μ -pz) ₄] (pz = pyrazine) from [Re(CO) ₄ Br(pz)]. A mechanistic approach. <i>Dalton Transactions RSC</i> , 2001 , 3346		20
116	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	3.7	20
115	Phosphoproteomics Reveals HMGA1, a CK2 Substrate, as a Drug-Resistant Target in Non-Small Cell Lung Cancer. <i>Scientific Reports</i> , 2017 , 7, 44021	4.9	19
114	Imaging Endogenous Bilirubins with Two-Photon Fluorescence of Bilirubin Dimers. <i>Analytical Chemistry</i> , 2015 , 87, 7575-82	7.8	19
113	Methods for detection and characterization of protein S-nitrosylation. <i>Methods</i> , 2013 , 62, 138-50	4.6	19
112	Quantitative proteomic analysis of human lung tumor xenografts treated with the ectopic ATP synthase inhibitor citreoviridin. <i>PLoS ONE</i> , 2013 , 8, e70642	3.7	19
111	Determination of SMN1/SMN2 gene dosage by a quantitative genotyping platform combining capillary electrophoresis and MALDI-TOF mass spectrometry. <i>Clinical Chemistry</i> , 2006 , 52, 361-9	5.5	19
110	Phosphoproteomics characterization of novel phosphorylated sites of lens proteins from normal and cataractous human eye lenses. <i>Molecular Vision</i> , 2011 , 17, 186-98	2.3	19
109	The Impact of dUTPase on Ribonucleotide Reductase-Induced Genome Instability in Cancer Cells. <i>Cell Reports</i> , 2016 , 16, 1287-1299	10.6	19
108	GPER-induced signaling is essential for the survival of breast cancer stem cells. <i>International Journal of Cancer</i> , 2020 , 146, 1674-1685	7.5	19
107	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	4.1	18
106	One-Pot Two-Nanoprobe Assay Uncovers Targeted Glycoprotein Biosignature. <i>Analytical Chemistry</i> , 2017 , 89, 3973-3980	7.8	18
105	Nanoprobe-based immobilized metal affinity chromatography for sensitive and complementary enrichment of multiply phosphorylated peptides. <i>Proteomics</i> , 2011 , 11, 2639-53	4.8	18
104	Complementary quantitative proteomics reveals that transcription factor AP-4 mediates E-box-dependent complex formation for transcriptional repression of HDM2. <i>Molecular and Cellular Proteomics</i> , 2009 , 8, 2034-50	7.6	18
103	Synthesis of alpha-(2 \rightarrow 5)Neu5Gc oligomers. <i>Chemistry - A European Journal</i> , 2003 , 9, 1085-95	4.8	18
102	Qualification and Verification of Serological Biomarker Candidates for Lung Adenocarcinoma by Targeted Mass Spectrometry. <i>Journal of Proteome Research</i> , 2015 , 14, 3039-50	5.6	17

101	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, 4942-58	5.6	17
100	Spectrum-based method to generate good decoy libraries for spectral library searching in peptide identifications. <i>Journal of Proteome Research</i> , 2013 , 12, 2305-10	5.6	17
99	Iron oxide nanomatrix facilitating metal ionization in matrix-assisted laser desorption/ionization mass spectrometry. <i>Analytical Chemistry</i> , 2011 , 83, 9337-43	7.8	17
98	Genetic nanomedicine and tissue engineering. <i>Medical Clinics of North America</i> , 2007 , 91, 889-98	7	17
97	Parallel minisequencing followed by multiplex matrix-assisted laser desorption/ionization mass spectrometry assay for beta-thalassemia mutations. <i>Journal of Human Genetics</i> , 2005 , 50, 139-150	4.3	17
96	Temporal regulation of Lsp1 O-GlcNAcylation and phosphorylation during apoptosis of activated B cells. <i>Nature Communications</i> , 2016 , 7, 12526	17.4	16
95	Directed strain evolution restructures metabolism for 1-butanol production in minimal media. <i>Metabolic Engineering</i> , 2018 , 49, 153-163	9.7	16
94	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	5.6	16
93	An intelligent system for identifying acetylated lysine on histones and nonhistone proteins. <i>BioMed Research International</i> , 2014 , 2014, 528650	3	16
92	Cyclic Alopecia and Abnormal Epidermal Cornification in Zdhhc13-Deficient Mice Reveal the Importance of Palmitoylation in Hair and Skin Differentiation. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 2603-2610	4.3	15
91	Identification of SEC61 β and its autoantibody as biomarkers for colorectal cancer. <i>Clinica Chimica Acta</i> , 2011 , 412, 887-93	6.2	15
90	Targeted protein quantitation and profiling using PVDF affinity probe and MALDI-TOF MS. <i>Proteomics</i> , 2007 , 7, 3038-50	4.8	15
89	Identification of in vivo phosphorylation sites of lens proteins from porcine eye lenses by a gel-free phosphoproteomics approach. <i>Molecular Vision</i> , 2010 , 16, 294-302	2.3	15
88	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	5.6	15
87	Subcellular Proteome Landscape of Human Embryonic Stem Cells Revealed Missing Membrane Proteins. <i>Journal of Proteome Research</i> , 2018 , 17, 4138-4151	5.6	15
86	Informatics View on the Challenges of Identifying Missing Proteins from Shotgun Proteomics. <i>Journal of Proteome Research</i> , 2015 , 14, 5396-407	5.6	14
85	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, 1120-33	5.6	14
84	Synthesis and evaluation of a photoactive probe with a multivalent carbohydrate for capturing carbohydrate-lectin interactions. <i>Bioconjugate Chemistry</i> , 2013 , 24, 1895-906	6.3	14

83	Contribution of guanine exchange factor H1 in phorbol ester-induced apoptosis. <i>Cell Death and Differentiation</i> , 2006 , 13, 2023-32	12.7	14
82	Study of the Dissociation of CH ₃ SCH ₃ +by Collisional Activation: Evidence of Nonstatistical Behavior <i>Journal of Physical Chemistry A</i> , 2002 , 106, 9729-9736	2.8	14
81	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	12.9	14
80	Systematic Protein Prioritization for Targeted Proteomics Studies through Literature Mining. <i>Journal of Proteome Research</i> , 2018 , 17, 1383-1396	5.6	13
79	UV-activated multilayer nanomatrix provides one-step tunable carbohydrate structural characterization in MALDI-MS. <i>Chemical Science</i> , 2015 , 6, 4790-4800	9.4	13
78	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		13
77	A molecular beam photoionization mass spectrometric study of Cr(CO) ₆ , Mo(CO) ₆ , and W(CO) ₆ . <i>Journal of Chemical Physics</i> , 1997 , 107, 4527-4536	3.9	13
76	Standardization and harmonization of distributed multi-center proteotype analysis supporting precision medicine studies. <i>Nature Communications</i> , 2020 , 11, 5248	17.4	13
75	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, 1216-24	3.4	12
74	Phosphoproteomic analysis of human mesenchymal stromal cells during osteogenic differentiation. <i>Journal of Proteome Research</i> , 2012 , 11, 586-98	5.6	12
73	Proteomic profiles of bronchoalveolar lavage fluid from patients with ventilator-associated pneumonia by gel-assisted digestion and 2-D-LC/MS/MS. <i>Proteomics - Clinical Applications</i> , 2008 , 2, 1208-22	3.5	12
72	Star-Shaped Molecules Containing Polyalkynyl Groups with Metal Moieties on Benzene and Triphenylene Cores. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 4510-4518	3.2	12
71	Observation of CH ₄ (v ₂ =1 or v ₄ =1) in the reaction Cl+CH ₄ with time-resolved Fourier-transform infrared absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2001 , 115, 6513-6521	3.9	12
70	Structural characterization of Escherichia coli sialic acid synthase. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 295, 167-73	3.4	12
69	Streamlined single-cell proteomics by an integrated microfluidic chip and data-independent acquisition mass spectrometry. <i>Nature Communications</i> , 2022 , 13, 37	17.4	12
68	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	8.3	11
67	Improved analysis of membrane protein by PVDF-aided, matrix-assisted laser desorption/ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2006 , 556, 237-46	6.6	11
66	Purification, tandem mass characterization, and inhibition studies of oxidosqualene-lanosterol cyclase enzyme from bovine liver. <i>Archives of Biochemistry and Biophysics</i> , 2004 , 421, 42-53	4.1	11

65	Os(CO) ₂ (η -SC ₅ H ₄ N(O))(η -SC ₅ H ₄ N): structural evidence for the transformation of pyridine-2-thione N-oxide to pyridine-2-thiolate in osmium complexes. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 441-449	2.3	11
64	A data-independent acquisition-based global phosphoproteomics system enables deep profiling. <i>Nature Communications</i> , 2021 , 12, 2539	17.4	11
63	Proteome analysis of human embryonic stem cells organelles. <i>Journal of Proteomics</i> , 2017 , 162, 108-118	3.9	10
62	Phosphoproteomic analyses reveal that galectin-1 augments the dynamics of B-cell receptor signaling. <i>Journal of Proteomics</i> , 2014 , 103, 241-53	3.9	10
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