

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	Cancer-associated fibroblasts regulate the plasticity of lung cancer stemness via paracrine signalling. <i>Nature Communications</i> , 2014, 5, 3472.	12.8	317
2	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
3	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
4	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
5	Site-Specific Protein Modification through CuI-Catalyzed 1,2,3-Triazole Formation and Its Implementation in Protein Microarray Fabrication. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4286-4290.	13.8	163
6	Functionalized Magnetic Nanoparticles for Small-Molecule Isolation, Identification, and Quantification. <i>Analytical Chemistry</i> , 2007, 79, 3401-3408.	6.5	147
7	Ethylene Glycol-Protected Magnetic Nanoparticles for a Multiplexed Immunoassay in Human Plasma. <i>Small</i> , 2006, 2, 485-489.	10.0	140
8	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
9	A Multiplexed Quantitative Strategy for Membrane Proteomics. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1983-1997.	3.8	128
10	Immobilized Metal Affinity Chromatography Revisited: pH/Acid Control toward High Selectivity in Phosphoproteomics. <i>Journal of Proteome Research</i> , 2008, 7, 4058-4069.	3.7	125
11	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
12	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, 131-144.	3.8	114
13	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, 5915-5924.	2.2	112
14	Interaction modes and approaches to glycopeptide and glycoprotein enrichment. <i>Analyst</i> , The, 2014, 139, 688-704.	3.5	111
15	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, 17039-17044.	7.1	108
16	Multi-Q: A Fully Automated Tool for Multiplexed Protein Quantitation. <i>Journal of Proteome Research</i> , 2006, 5, 2328-2338.	3.7	107
17	Fabrication of Oriented Antibody-Conjugated Magnetic Nanoprobes and Their Immunoaffinity Application. <i>Analytical Chemistry</i> , 2009, 81, 8774-8782.	6.5	105
18	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

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19	Globotriose-Functionalized Gold Nanoparticles as Multivalent Probes for Shiga-like Toxin. <i>ChemBioChem</i> , 2008, 9, 1100-1109.	2.6	103
20	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
21	Sequential Phosphoproteomic Enrichment through Complementary Metal-Directed Immobilized Metal Ion Affinity Chromatography. <i>Analytical Chemistry</i> , 2014, 86, 685-693.	6.5	100
22	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
23	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
24	Evaluation of Serum Amyloid A as a Biomarker for Gastric Cancer. <i>Annals of Surgical Oncology</i> , 2006, 14, 84-93.	1.5	85
25	Streamlined single-cell proteomics by an integrated microfluidic chip and data-independent acquisition mass spectrometry. <i>Nature Communications</i> , 2022, 13, 37.	12.8	85
26	Quantitative Proteomic Analysis of Metabolic Regulation by Copper Ions in <i>Methylococcus capsulatus</i> (Bath). <i>Journal of Biological Chemistry</i> , 2004, 279, 51554-51560.	3.4	80
27	Identification of tumor-associated plasma biomarkers using proteomic techniques: From mouse to human. <i>Proteomics</i> , 2004, 4, 2766-2775.	2.2	80
28	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.	13.7	77
29	Nanoprobe-Based Affinity Mass Spectrometry for Selected Protein Profiling in Human Plasma. <i>Analytical Chemistry</i> , 2005, 77, 5990-5997.	6.5	77
30	Multiplexed Immunoassay: Quantitation and Profiling of Serum Biomarkers Using Magnetic Nanoprobes and MALDI-TOF MS. <i>Analytical Chemistry</i> , 2008, 80, 6159-6167.	6.5	77
31	SNOSite: Exploiting Maximal Dependence Decomposition to Identify Cysteine S-Nitrosylation with Substrate Site Specificity. <i>PLoS ONE</i> , 2011, 6, e21849.	2.5	77
32	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.	3.0	75
33	Mitochondrial translocation of EGFR regulates mitochondria dynamics and promotes metastasis in NSCLC. <i>Oncotarget</i> , 2015, 6, 37349-37366.	1.8	74
34	Analysis of Protein Stability by the Cycloheximide Chase Assay. <i>Bio-protocol</i> , 2015, 5, .	0.4	74
35	Identification of Siglec Ligands Using a Proximity Labeling Method. <i>Journal of Proteome Research</i> , 2017, 16, 3929-3941.	3.7	73
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	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
38	Quantitative Proteomic and Genomic Profiling Reveals Metastasis-Related Protein Expression Patterns in Gastric Cancer Cells. <i>Journal of Proteome Research</i> , 2006, 5, 2727-2742.	3.7	71
39	Rapid and specific influenza virus detection by functionalized magnetic nanoparticles and mass spectrometry. <i>Journal of Nanobiotechnology</i> , 2011, 9, 52.	9.1	71
40	dbSNO: a database of cysteine <i>S</i> -nitrosylation. <i>Bioinformatics</i> , 2012, 28, 2293-2295.	4.1	71
41	Nitric Oxide Physiological Responses and Delivery Mechanisms Probed by Water-Soluble Roussin's Red Ester and {Fe(NO) ₂ } ¹⁰ DNIC. <i>Journal of the American Chemical Society</i> , 2008, 130, 10929-10938.	13.7	70
42	Carbohydrate-Encapsulated Gold Nanoparticles for Rapid Target-Protein Identification and Binding-Epitope Mapping. <i>ChemBioChem</i> , 2005, 6, 1169-1173.	2.6	69
43	Role for α - <i>fucosidase</i> in the control of <i>Helicobacter pylori</i> -infected gastric cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14581-14586.	7.1	69
44	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.	6.7	67
45	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
46	Role of S-Palmitoylation by ZDHHC13 in Mitochondrial function and Metabolism in Liver. <i>Scientific Reports</i> , 2017, 7, 2182.	3.3	66
47	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
48	<i>S</i> -Alkylating Labeling Strategy for Site-Specific Identification of the <i>S</i> -Nitrosoproteome. <i>Journal of Proteome Research</i> , 2010, 9, 6417-6439.	3.7	64
49	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, 3028-3038.	4.7	63
50	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
51	An Informatics-assisted Label-free Quantitation Strategy that Depicts Phosphoproteomic Profiles in Lung Cancer Cell Invasion. <i>Journal of Proteome Research</i> , 2010, 9, 5582-5597.	3.7	57
52	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
53	Tumor Cells Require Thymidylate Kinase to Prevent dUTP Incorporation during DNA Repair. <i>Cancer Cell</i> , 2012, 22, 36-50.	16.8	56
54	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

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55	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
56	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
57	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.	3.8	50
58	dbGSH: a database of <i>S</i> -glutathionylation. <i>Bioinformatics</i> , 2014, 30, 2386-2388.	4.1	50
59	Standardization and harmonization of distributed multi-center proteotype analysis supporting precision medicine studies. <i>Nature Communications</i> , 2020, 11, 5248.	12.8	49
60	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
61	Rapid High-pH Reverse Phase StageTip for Sensitive Small-Scale Membrane Proteomic Profiling. <i>Analytical Chemistry</i> , 2015, 87, 12016-12023.	6.5	47
62	β -Amyloid Induces Pathology-Related Patterns of Tau Hyperphosphorylation at Synaptic Terminals. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2018, 77, 814-826.	1.7	46
63	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
64	A data-independent acquisition-based global phosphoproteomics system enables deep profiling. <i>Nature Communications</i> , 2021, 12, 2539.	12.8	44
65	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
66	Rotational-resolved pulsed field ionization photoelectron bands for H ₂ ⁺ (X ⁻ 2 \hat{I} g ⁺ , v+=0, 2, 9 and 11). <i>Chemical Physics Letters</i> , 1998, 289, 507-515.	2.6	42
67	International Diversification, Ownership Structure, Legal Origin, and Earnings Management: Evidence from Taiwan. <i>Journal of Accounting, Auditing & Finance</i> , 2009, 24, 233-262.	1.8	41
68	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
69	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, 1930-1939.	2.8	40
70	Synthesis and crystal structure of core-modified benziporphyrin: thia-p-benziporphyrin. <i>Tetrahedron Letters</i> , 2004, 45, 129-132.	1.4	38
71	RegPhos 2.0: an updated resource to explore protein kinase "substrate phosphorylation networks in mammals. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau034.	3.0	38
72	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

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73	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, 283-297.	3.7	36
74	Phosphoproteomics Identifies Oncogenic Ras Signaling Targets and Their Involvement in Lung Adenocarcinomas. <i>PLoS ONE</i> , 2011, 6, e20199.	2.5	35
75	A Chemically Functionalized Magnetic Nanoplatform for Rapid and Specific Biomolecular Recognition and Separation. <i>Biomacromolecules</i> , 2013, 14, 160-168.	5.4	33
76	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
77	Slug is temporally regulated by cyclin E in cell cycle and controls genome stability. <i>Oncogene</i> , 2015, 34, 1116-1125.	5.9	32
78	Detection of ClCO with time-resolved Fourier-transform infrared absorption spectroscopy. <i>Chemical Physics Letters</i> , 2001, 333, 365-370.	2.6	31
79	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
80	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
81	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
82	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
83	Integrating proteomics with electrochemistry for identifying kinase biomarkers. <i>Chemical Science</i> , 2015, 6, 4756-4766.	7.4	30
84	One-Pot Two-Nanoprobe Assay Uncovers Targeted Glycoprotein Biosignature. <i>Analytical Chemistry</i> , 2017, 89, 3973-3980.	6.5	30
85	Progress Identifying and Analyzing the Human Proteome: 2021 Metrics from the HUPO Human Proteome Project. <i>Journal of Proteome Research</i> , 2021, 20, 5227-5240.	3.7	30
86	Dissociation of CH ₃ SH by Collisional Activation: Evidence of Nonstatistical Behavior. <i>Journal of Physical Chemistry A</i> , 1997, 101, 6513-6522.	2.5	29
87	Inducing hair follicle neogenesis with secreted proteins enriched in embryonic skin. <i>Biomaterials</i> , 2018, 167, 121-131.	11.4	29
88	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> , 2004, 326, 30-35.	2.1	28
89	Temporal regulation of Lsp1 O-GlcNAcylation and phosphorylation during apoptosis of activated B cells. <i>Nature Communications</i> , 2016, 7, 12526.	12.8	28
90	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

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91	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.	1.3	27
92	Characterization and identification of protein O-GlcNAcylation sites with substrate specificity. <i>BMC Bioinformatics</i> , 2014, 15, S1.	2.6	27
93	Mechanistic aspects of Coll(HAPP)(TFA) ₂ in DNA bulge-specific recognition. <i>Nucleic Acids Research</i> , 2003, 31, 2227-2233.	14.5	26
94	The Asia Oceania Human Proteome Organisation Membrane Proteomics Initiative. Preparation and characterisation of the carbonate-washed membrane standard. <i>Proteomics</i> , 2010, 10, 4142-4148.	2.2	26
95	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
96	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
97	GSHSite: Exploiting an Iteratively Statistical Method to Identify S-Glutathionylation Sites with Substrate Specificity. <i>PLoS ONE</i> , 2015, 10, e0118752.	2.5	26
98	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, 5579-5589.	2.0	25
99	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
100	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
101	Imaging Endogenous Bilirubins with Two-Photon Fluorescence of Bilirubin Dimers. <i>Analytical Chemistry</i> , 2015, 87, 7575-7582.	6.5	25
102	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, 361-369.	3.2	24
103	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
104	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
105	Toxic or Not Toxic, That Is the Carbon Quantum Dot's Question: A Comprehensive Evaluation with Zebrafish Embryo, Eleutheroembryo, and Adult Models. <i>Polymers</i> , 2021, 13, 1598.	4.5	24
106	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
107	Parallel minisequencing followed by multiplex matrix-assisted laser desorption/ionization mass spectrometry assay for β^2 -thalassemia mutations. <i>Journal of Human Genetics</i> , 2005, 50, 139-150.	2.3	23
108	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, 1612-1622.	6.1	23

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109	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
110	Self-assembly of tetrametallic square $[Re_4(CO)_{12}Br_4(\mu-pz)_4]$ ($pz = pyrazine$) from $[Re(CO)_4Br(pz)]$. A mechanistic approach. <i>Dalton Transactions RSC</i> , 2001, , 3346.	2.3	22
111	The Impact of dUTPase on Ribonucleotide Reductase-Induced Genome Instability in Cancer Cells. <i>Cell Reports</i> , 2016, 16, 1287-1299.	6.4	22
112	Directed strain evolution restructures metabolism for 1-butanol production in minimal media. <i>Metabolic Engineering</i> , 2018, 49, 153-163.	7.0	22
113	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, 2034-2050.	3.8	21
114	Methods for detection and characterization of protein S-nitrosylation. <i>Methods</i> , 2013, 62, 138-150.	3.8	21
115	Genetic Nanomedicine and Tissue Engineering. <i>Medical Clinics of North America</i> , 2007, 91, 889-898.	2.5	20
116	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
117	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
118	An Intelligent System for Identifying Acetylated Lysine on Histones and Nonhistone Proteins. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	20
119	Phosphoproteomics characterization of novel phosphorylated sites of lens proteins from normal and cataractous human eye lenses. <i>Molecular Vision</i> , 2011, 17, 186-98.	1.1	20
120	Synthesis of β -(2 ⁵)Neu5Gc Oligomers. <i>Chemistry - A European Journal</i> , 2003, 9, 1085-1095.	3.3	19
121	Contribution of guanine exchange factor H1 in phorbol ester-induced apoptosis. <i>Cell Death and Differentiation</i> , 2006, 13, 2023-2032.	11.2	19
122	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
123	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
124	ZIC-CHILIC-Based StageTip for Simultaneous Glycopeptide Enrichment and Fractionation toward Large-Scale N-Sialoglycoproteomics. <i>Analytical Chemistry</i> , 2021, 93, 15931-15940.	6.5	19
125	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
126	Identification of SEC61 ¹² and its autoantibody as biomarkers for colorectal cancer. <i>Clinica Chimica Acta</i> , 2011, 412, 887-893.	1.1	18

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127	Synthesis and Evaluation of a Photoactive Probe with a Multivalent Carbohydrate for Capturing Carbohydrate-Lectin Interactions. <i>Bioconjugate Chemistry</i> , 2013, 24, 1895-1906.	3.6	18
128	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
129	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.	3.0	17
130	Targeted protein quantitation and profiling using PVDF affinity probe and MALDI-TOF MS. <i>Proteomics</i> , 2007, 7, 3038-3050.	2.2	17
131	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
132	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
133	Systematic Protein Prioritization for Targeted Proteomics Studies through Literature Mining. <i>Journal of Proteome Research</i> , 2018, 17, 1383-1396.	3.7	16
134	Glucose intake hampers PKA-regulated HSP90 chaperone activity. <i>ELife</i> , 2018, 7, .	6.0	16
135	Structural characterization of Escherichia coli sialic acid synthase. <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 167-173.	2.1	15
136	Proteomic profiles of bronchoalveolar lavage fluid from patients with ventilator-associated pneumonia by gel-assisted digestion and 2D-LC/MS/MS. <i>Proteomics - Clinical Applications</i> , 2008, 2, 1208-1222.	1.6	15
137	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.	0.7	15
138	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
139	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.	1.1	15
140	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.	2.5	14
141	Phosphoproteomic Analysis of Human Mesenchymal Stromal Cells during Osteogenic Differentiation. <i>Journal of Proteome Research</i> , 2012, 11, 586-598.	3.7	14
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