Weiguo Tao

List of Publications by Year
in descending order

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147	9,571	38660 50	40881 93
papers	citations	h-index	g-index

157	157	157	12076
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aptamer in Bioanalytical Applications. Analytical Chemistry, 2011, 83, 4440-4452.	3.2	693
2	Quantitative phosphoproteomics identifies SnRK2 protein kinase substrates and reveals the effectors of abscisic acid action. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11205-11210.	3.3	394
3	PTEN-deficient intestinal stem cells initiate intestinal polyposis. Nature Genetics, 2007, 39, 189-198.	9.4	391
4	Reciprocal Regulation of the TOR Kinase and ABA Receptor Balances Plant Growth and Stress Response. Molecular Cell, 2018, 69, 100-112.e6.	4.5	385
5	MAP Kinase Cascades Regulate the Cold Response by Modulating ICE1 Protein Stability. Developmental Cell, 2017, 43, 618-629.e5.	3.1	359
6	Phosphoproteins in extracellular vesicles as candidate markers for breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3175-3180.	3.3	328
7	Nitric oxide negatively regulates abscisic acid signaling in guard cells by S-nitrosylation of OST1. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 613-618.	3.3	318
8	Quantitative phosphoproteome analysis using a dendrimer conjugation chemistry and tandem mass spectrometry. Nature Methods, 2005, 2, 591-598.	9.0	302
9	Advances in quantitative proteomics via stable isotope tagging and mass spectrometry. Current Opinion in Biotechnology, 2003, 14, 110-118.	3.3	264
10	Leucine-rich repeat extensin proteins regulate plant salt tolerance in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 13123-13128.	3.3	224
11	Copper(II)-Assisted Enantiomeric Analysis ofd,l-Amino Acids Using the Kinetic Method:Â Chiral Recognition and Quantification in the Gas Phase. Journal of the American Chemical Society, 2000, 122, 10598-10609.	6.6	212
12	BNIP3 Protein Suppresses PINK1 Kinase Proteolytic Cleavage to Promote Mitophagy. Journal of Biological Chemistry, 2016, 291, 21616-21629.	1.6	194
13	Mass Spectrometric Quantitation of Chiral Drugs by the Kinetic Method. Analytical Chemistry, 2001, 73, 1692-1698.	3.2	160
14	Arabidopsis Duodecuple Mutant of PYL ABA Receptors Reveals PYL Repression of ABA-Independent SnRK2 Activity. Cell Reports, 2018, 23, 3340-3351.e5.	2.9	153
15	Regulation of Hemolysin Expression and Virulence of Staphylococcus aureus by a Serine/Threonine Kinase and Phosphatase. PLoS ONE, 2010, 5, e11071.	1.1	151
16	A RAF-SnRK2 kinase cascade mediates early osmotic stress signaling in higher plants. Nature Communications, 2020, 11, 613.	5.8	147
17	In-depth Analyses of Kinase-dependent Tyrosine Phosphoproteomes Based on Metal Ion-functionalized Soluble Nanopolymers. Molecular and Cellular Proteomics, 2010, 9, 2162-2172.	2.5	143
18	Proteomic analysis identifies that 14-3-3Â interacts with Â-catenin and facilitates its activation by Akt. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15370-15375.	3.3	138

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19	Kinetic Resolution ofd,l-Amino Acids Based on Gas-Phase Dissociation of Copper(II) Complexes. Analytical Chemistry, 1999, 71, 4427-4429.	3.2	137
20	Profiling constitutive proteolytic events in vivo. Biochemical Journal, 2007, 407, 41-48.	1.7	136
21	Peer Reviewed: Chiral analysis by MS. Analytical Chemistry, 2003, 75, 25 A-31 A.	3.2	122
22	Sensitive kinase assay linked with phosphoproteomics for identifying direct kinase substrates. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5615-5620.	3.3	115
23	The Methyl-CpG-Binding Protein MBD7 Facilitates Active DNA Demethylation to Limit DNA Hyper-Methylation and Transcriptional Gene Silencing. Molecular Cell, 2015, 57, 971-983.	4.5	112
24	Identification of the Components of a Glycolytic Enzyme Metabolon on the Human Red Blood Cell Membrane. Journal of Biological Chemistry, 2013, 288, 848-858.	1.6	102
25	Mapping proteome-wide targets of protein kinases in plant stress responses. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3270-3280.	3.3	102
26	Rapid ambient mass spectrometric profiling of intact, untreated bacteria using desorption electrospray ionization. Chemical Communications, 2007, , 61-63.	2.2	97
27	Rapid direct lipid profiling of bacteria using desorption electrospray ionization mass spectrometry. International Journal of Mass Spectrometry, 2011, 301, 37-44.	0.7	92
28	Quantitative Chiral Analysis of Sugars by Electrospray Ionization Tandem Mass Spectrometry Using Modified Amino Acids as Chiral Reference Compounds. Analytical Chemistry, 2002, 74, 3458-3462.	3.2	89
29	The SnRK2 kinases modulate miRNA accumulation in Arabidopsis. PLoS Genetics, 2017, 13, e1006753.	1.5	87
30	Polar Acetalization and Transacetalization in the Gas Phase:â€‰ The Eberlin Reaction. Chemical Reviews, 2006, 106, 188-211.	23.0	83
31	Identification of Proteolytic Cleavage Sites by Quantitative Proteomics. Journal of Proteome Research, 2007, 6, 2850-2858.	1.8	83
32	Parallel Reactions for Enantiomeric Quantification of Peptides by Mass Spectrometry. Angewandte Chemie - International Edition, 2001, 40, 757-760.	7.2	82
33	Chiral resolution of d- and l-amino acids by tandem mass spectrometry of Ni(II)-bound trimeric complexes. International Journal of Mass Spectrometry, 2001, 204, 159-169.	0.7	81
34	A pair of transposon-derived proteins function in a histone acetyltransferase complex for active DNA demethylation. Cell Research, 2017, 27, 226-240.	5.7	80
35	An integrated chemical, mass spectrometric and computational strategy for (quantitative) phosphoproteomics: application to Drosophila melanogaster Kc167 cells. Molecular BioSystems, 2007, 3, 275.	2.9	76
36	Facile Determination of Double Bond Position in Unsaturated Fatty Acids and Esters by Low Temperature Plasma Ionization Mass Spectrometry. Analytical Chemistry, 2011, 83, 4738-4744.	3.2	74

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37	A protein complex regulates RNA processing of intronic heterochromatin-containing genes in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7377-E7384.	3.3	74
38	An Arabidopsis Nucleoporin NUP85 modulates plant responses to ABA and salt stress. PLoS Genetics, 2017, 13, e1007124.	1.5	72
39	EZH2 Modifies Sunitinib Resistance in Renal Cell Carcinoma by Kinome Reprogramming. Cancer Research, 2017, 77, 6651-6666.	0.4	66
40	Arabidopsis AGDP1 links H3K9me2 to DNA methylation in heterochromatin. Nature Communications, 2018, 9, 4547.	5.8	66
41	Arabinose biosynthesis is critical for salt stress tolerance in Arabidopsis. New Phytologist, 2019, 224, 274-290.	3.5	64
42	Rapid enantiomeric determination of Î±-hydroxy acids by electrospray ionization tandem mass spectrometry. Chemical Communications, 2000, , 2023-2024.	2.2	62
43	Differentiation and quantitation of isomeric dipeptides by low-energy dissociation of copper(II)-bound complexes. Journal of the American Society for Mass Spectrometry, 2001, 12, 490-496.	1.2	62
44	Quantitative Measurement of Phosphoproteome Response to Osmotic Stress in Arabidopsis Based on Library-Assisted eXtracted Ion Chromatogram (LAXIC). Molecular and Cellular Proteomics, 2013, 12, 2354-2369.	2.5	62
45	Quotient Ratio Method for Quantitative Enantiomeric Determination by Mass Spectrometry. Analytical Chemistry, 2002, 74, 3783-3789.	3.2	60
46	Regulation of parkin and PINK1 by neddylation. Human Molecular Genetics, 2012, 21, 2514-2523.	1.4	60
47	Kinetic method for the simultaneous chiral analysis of different amino acids in mixtures. Journal of Mass Spectrometry, 2003, 38, 386-393.	0.7	59
48	Highly Efficient Phosphoproteome Capture and Analysis from Urinary Extracellular Vesicles. Journal of Proteome Research, 2018, 17, 3308-3316.	1.8	59
49	Universal Plant Phosphoproteomics Workflow and Its Application to Tomato Signaling in Response to Cold Stress*. Molecular and Cellular Proteomics, 2018, 17, 2068-2080.	2.5	57
50	Sequential phosphoproteomics and N-glycoproteomics of plasma-derived extracellular vesicles. Nature Protocols, 2020, 15, 161-180.	5.5	56
51	Identification of cytoskeletal elements enclosing the ATP pools that fuel human red blood cell membrane cation pumps. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12794-12799.	3.3	54
52	The E3 ubiquitin ligase CHIP mediates ubiquitination and proteasomal degradation of PRMT5. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 335-346.	1.9	54
53	Isolation and analysis of extracellular vesicles in a Morpho butterfly wing-integrated microvortex biochip. Biosensors and Bioelectronics, 2020, 154, 112073.	5.3	53
54	A phosphorylation-based switch controls TAA1-mediated auxin biosynthesis in plants. Nature Communications, 2020, 11, 679.	5.8	53

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55	Rapid Enantiomeric Quantification of an Antiviral Nucleoside Agent (d,l-FMAU,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td 2 Chemistry, 2001, 44, 3541-3544.	2.9	51
56	Plasma-Derived Extracellular Vesicle Phosphoproteomics through Chemical Affinity Purification. Journal of Proteome Research, 2020, 19, 2563-2574.	1.8	51
57	MST50 is involved in multiple MAP kinase signaling pathways in Magnaporthe oryzae. Environmental Microbiology, 2017, 19, 1959-1974.	1.8	50
58	CDK8 is associated with RAP2.6 and SnRK2.6 and positively modulates abscisic acid signaling and drought response in Arabidopsis. New Phytologist, 2020, 228, 1573-1590.	3.5	50
59	Identification of Serine/Threonine Kinase Substrates in the Human Pathogen Group B Streptococcus. Journal of Proteome Research, 2009, 8, 2563-2574.	1.8	49
60	Ligand and metal-ion effects in metal-ion clusters used for chiral analysis of Î±-hydroxy acids by the kinetic method. Analytical and Bioanalytical Chemistry, 2002, 373, 618-627.	1.9	47
61	Playing tag with quantitative proteomics. Analytical and Bioanalytical Chemistry, 2009, 393, 503-513.	1.9	46
62	Analytical Pipeline for Discovery and Verification of Glycoproteins from Plasma-Derived Extracellular Vesicles as Breast Cancer Biomarkers. Analytical Chemistry, 2018, 90, 6307-6313.	3.2	46
63	MET18 Connects the Cytosolic Iron-Sulfur Cluster Assembly Pathway to Active DNA Demethylation in Arabidopsis. PLoS Genetics, 2015, 11, e1005559.	1.5	43
64	A Novel Quantitative Proteomics Strategy To Study Phosphorylation-Dependent Peptideâ^'Protein Interactions. Journal of Proteome Research, 2007, 6, 133-140.	1.8	42
65	Serine/Threonine Phosphatase Stp1 Mediates Post-transcriptional Regulation of Hemolysin, Autolysis, and Virulence of Group B Streptococcus. Journal of Biological Chemistry, 2011, 286, 44197-44210.	1.6	41
66	Identification of Extracellular Signal-regulated Kinase 1 (ERK1) Direct Substrates using Stable Isotope Labeled Kinase Assay-Linked Phosphoproteomics. Molecular and Cellular Proteomics, 2014, 13, 3199-3210.	2.5	41
67	Structure of the Arabidopsis JMJ14-H3K4me3 Complex Provides Insight into the Substrate Specificity of KDM5 Subfamily Histone Demethylases. Plant Cell, 2018, 30, 167-177.	3.1	40
68	Extracellular Vesicles and Their Emerging Roles as Cellular Messengers in Endocrinology: An Endocrine Society Scientific Statement. Endocrine Reviews, 2022, 43, 441-468.	8.9	40
69	Chemical proteomics tracks virus entry and uncovers NCAM1 as Zika virus receptor. Nature Communications, 2020, 11, 3896.	5.8	39
70	Direct detection of fatty acid ethyl esters using low temperature plasma (LTP) ambient ionization mass spectrometry for rapid bacterial differentiation. Analyst, The, 2011, 136, 3091.	1.7	37
71	Identification of Direct Tyrosine Kinase Substrates Based on Protein Kinase Assay-Linked Phosphoproteomics. Molecular and Cellular Proteomics, 2013, 12, 2969-2980.	2.5	35
72	Three-Dimensionally Functionalized Reverse Phase Glycoprotein Array for Cancer Biomarker Discovery and Validation. Journal of the American Chemical Society, 2016, 138, 15311-15314.	6.6	34

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73	Cloning, expression, and hemostatic activities of a disintegrin, r-mojastin 1, from the mohave rattlesnake (Crotalus scutulatus scutulatus). Thrombosis Research, 2010, 126, e211-e219.	0.8	33
74	Recent advances in phosphoproteomics and application to neurological diseases. Analyst, The, 2017, 142, 4373-4387.	1.7	33
75	Characterization and applications of extracellular vesicle proteome with post-translational modifications. TrAC - Trends in Analytical Chemistry, 2018, 107, 21-30.	5.8	33
76	Analytical challenges translating mass spectrometryâ€based phosphoproteomics from discovery to clinical applications. Electrophoresis, 2014, 35, 3430-3440.	1.3	31
77	Phosphorylation Assay Based on Multifunctionalized Soluble Nanopolymer. Analytical Chemistry, 2011, 83, 2767-2774.	3.2	30
78	Synthesis of B- and P-Heterocycles by Reaction of Cyclic Acetals and Ketals with Borinium and Phosphonium Ions. Journal of Organic Chemistry, 1999, 64, 3213-3223.	1.7	29
79	Synergistically Bifunctional Paramagnetic Separation Enables Efficient Isolation of Urine Extracellular Vesicles and Downstream Phosphoproteomic Analysis. ACS Applied Materials & Interfaces, 2021, 13, 3622-3630.	4.0	29
80	Phosphatase of Regenerating Liver 3 (PRL3) Provokes a Tyrosine Phosphoproteome to Drive Prometastatic Signal Transduction. Molecular and Cellular Proteomics, 2013, 12, 3759-3777.	2.5	28
81	An evolutionarily conserved iron-sulfur cluster underlies redox sensory function of the Chloroplast Sensor Kinase. Communications Biology, 2020, 3, 13.	2.0	28
82	Ascl2 inhibits myogenesis by antagonizing the transcriptional activity of myogenic regulatory factors. Development (Cambridge), 2017, 144, 235-247.	1.2	27
83	Acquisition of Cholangiocarcinoma Traits during Advanced Hepatocellular Carcinoma Development in Mice. American Journal of Pathology, 2018, 188, 656-671.	1.9	27
84	Chemical Visualization of Phosphoproteomes on Membrane. Molecular and Cellular Proteomics, 2012, 11, 629-639.	2.5	26
85	Characterization of toxins from the broad-banded water snake Helicops angulatus (Linnaeus, 1758): isolation of a cysteine-rich secretory protein, Helicopsin. Archives of Toxicology, 2011, 85, 305-313.	1.9	25
86	Long Noncoding RNA LINC00152 Facilitates the Leukemogenesis of Acute Myeloid Leukemia by Promoting CDK9 Through miR-193a. DNA and Cell Biology, 2019, 38, 236-242.	0.9	25
87	Regulation of Syk by Phosphorylation on Serine in the Linker Insert. Journal of Biological Chemistry, 2010, 285, 39844-39854.	1.6	24
88	ArhGAP15, a Rac-specific GTPase-activating Protein, Plays a Dual Role in Inhibiting Small GTPase Signaling. Journal of Biological Chemistry, 2013, 288, 21117-21125.	1.6	23
89	Replacement of Câ€™O by Pâ€™O in Cyclic Acetals and Ketals. Angewandte Chemie - International Edition, 1999, 38, 386-389.	7.2	22
90	A novel quantitative proteomics reagent based on soluble nanopolymers. Chemical Communications, 2007, , 1251.	2.2	21

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91	Proteomic Studies of Syk-Interacting Proteins Using a Novel Amine-Specific Isotope Tag and GFP Nanotrap. Journal of the American Society for Mass Spectrometry, 2011, 22, 319-328.	1.2	21
92	Identification of Drug Targets In Vitro and in Living Cells by Solubleâ€Nanopolymerâ€Based Proteomics. Angewandte Chemie - International Edition, 2011, 50, 4133-4136.	7.2	21
93	Multiplexed Quantitation of Protein Expression and Phosphorylation Based on Functionalized Soluble Nanopolymers. Journal of the American Chemical Society, 2012, 134, 18201-18204.	6.6	21
94	Chiral Preferences in the Dissociation of Homogeneous Amino Acid/Metal Ion Clusters. European Journal of Mass Spectrometry, 2002, 8, 107-115.	0.5	20
95	Epigenetic targeting of neuropilin-1 prevents bypass signaling in drug-resistant breast cancer. Oncogene, 2021, 40, 322-333.	2.6	20
96	Is phosphoproteomics ready for clinical research?. Clinica Chimica Acta, 2013, 420, 23-27.	0.5	18
97	In-depth analyses of B cell signaling through tandem mass spectrometry of phosphopeptides enriched by PolyMAC. International Journal of Mass Spectrometry, 2015, 377, 744-753.	0.7	18
98	Time-Resolved Proteomic Visualization of Dendrimer Cellular Entry and Trafficking. Journal of the American Chemical Society, 2015, 137, 12772-12775.	6.6	18
99	Global Phosphoproteomics of Activated B Cells Using Complementary Metal Ion Functionalized Soluble Nanopolymers. Analytical Chemistry, 2014, 86, 6363-6371.	3.2	17
100	Current technologies to identify protein kinase substrates in high throughput. Frontiers in Biology, 2013, 8, 216-227.	0.7	16
101	Syk Inhibits the Activity of Protein Kinase A by Phosphorylating Tyrosine 330 of the Catalytic Subunit. Journal of Biological Chemistry, 2013, 288, 10870-10881.	1.6	14
102	A domesticated Harbinger transposase forms a complex with HDA6 and promotes histone H3 deacetylation at genes but not TEs in Arabidopsis. Journal of Integrative Plant Biology, 2021, 63, 1462-1474.	4.1	14
103	Gas-phase SN2 reactivity of dicoordinated borinium cations using pentaquadrupole mass spectrometry. Journal of the American Society for Mass Spectrometry, 2001, 12, 948-955.	1.2	12
104	Purification and characterization of a metalloproteinase, Porthidin-1, from the venom of Lansbergâ€™s hog-nosed pitvipers (Porthidium lansbergii hutmanni). Toxicon, 2011, 57, 608-618.	0.8	12
105	Tissue phosphoproteomics with PolyMAC identifies potential therapeutic targets in a transgenic mouse model of HER2 positive breast cancer. Electrophoresis, 2014, 35, 3463-3469.	1.3	12
106	The Sensor Histidine Kinase RgfC Affects Group B Streptococcal Virulence Factor Expression Independent of Its Response Regulator RgfA. Infection and Immunity, 2015, 83, 1078-1088.	1.0	12
107	Functionalized Soluble Nanopolymers for Phosphoproteome Analysis. Methods in Molecular Biology, 2011, 790, 277-285.	0.4	12
108	Metal-assisted esterification: glutaric acid-iron(II) complexes in the gas phase. Rapid Communications in Mass Spectrometry, 2001, 15, 484-488.	0.7	11

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109	Quantitative Analysis of Snake Venoms Using Soluble Polymer-based Isotope Labeling. Molecular and Cellular Proteomics, 2008, 7, 785-799.	2.5	11
110	Discovery of Nicotinamide Adenine Dinucleotide Binding Proteins in the Escherichia coli Proteome Using a Combined Energetic- and Structural-Bioinformatics-Based Approach. Journal of Proteome Research, 2017, 16, 470-480.	1.8	11
111	Liquid Chromatographic Studies of the Effect of Phosphate on the Binding Properties of Silica-Immobilized Bovine Serum Albumin. Journal of Chromatographic Science, 2001, 39, 205-212.	0.7	10
112	Characterization of the microRNA transcriptomes and proteomics of cochlear tissue-derived small extracellular vesicles from mice of different ages after birth. Cellular and Molecular Life Sciences, 2022, 79, 154.	2.4	10
113	Identification of Upstream Kinases by Fluorescence Complementation Mass Spectrometry. ACS Central Science, 2017, 3, 1078-1085.	5.3	9
114	Methyltransferaseâ€like 21e inhibits 26S proteasome activity to facilitate hypertrophy of type IIb myofibers. FASEB Journal, 2019, 33, 9672-9684.	0.2	9
115	Identification of the Direct Substrates of the ABL Kinase via Kinase Assay Linked Phosphoproteomics with Multiple Drug Treatments. Journal of Proteome Research, 2019, 18, 1679-1690.	1.8	8
116	Glass Fiber-Supported Hybrid Monolithic Spin Tip for Enrichment of Phosphopeptides from Urinary Extracellular Vesicles. Analytical Chemistry, 2020, 92, 14790-14797.	3.2	8
117	The Na+ pump Ena1 is a yeast Epsin-specific cargo requiring its ubiquitination/phosphorylation sites for internalization. Journal of Cell Science, 2020, 133, .	1.2	8
118	Proteomics, Phosphoproteomics and Mirna Analysis of Circulating Extracellular Vesicles through Automated and High-Throughput Isolation. Cells, 2022, 11, 2070.	1.8	8
119	Eberlin reaction of arenesulfenylium cations with cyclic acetals and ketals: ring contraction and cycloreversion. Perkin Transactions II RSC, 2001, , 350-355.	1.1	7
120	Specific Visualization and Identification of Phosphoproteome in Gels. Analytical Chemistry, 2014, 86, 6741-6747.	3.2	7
121	Uncovering ubiquitous protein lactylation. Nature Methods, 2022, 19, 793-794.	9.0	7
122	Soluble nanopolymer-based phosphoproteomics for studying protein phosphatase. Methods, 2007, 42, 289-297.	1.9	6
123	Estimating the Efficiency of Phosphopeptide Identification by Tandem Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2017, 28, 1127-1135.	1.2	6
124	Tracking Pathogen Infections by Timeâ€Resolved Chemical Proteomics. Angewandte Chemie - International Edition, 2020, 59, 2235-2240.	7.2	6
125	Conservation of Cdc14 phosphatase specificity in plant fungal pathogens: implications for antifungal development. Scientific Reports, 2020, 10, 12073.	1.6	6
126	Identification of Direct Kinase Substrates via Kinase Assay-Linked Phosphoproteomics. Methods in Molecular Biology, 2016, 1355, 263-273.	0.4	6

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127	Quantitative Phospho-proteomics Based on Soluble Nanopolymers. Methods in Molecular Biology, 2009, 527, 117-129.	0.4	6
128	Intracellular targets for a phosphotyrosine peptidomimetic include the mitotic kinesin, MCAK. Biochemical Pharmacology, 2013, 86, 597-611.	2.0	5
129	Sensitive measurement of total protein phosphorylation level in complex protein samples. Analyst, The, 2015, 140, 3390-3396.	1.7	5
130	A Quantitative Proteomics-Based Competition Binding Assay to Characterize pITAMâ€“Protein Interactions. Analytical Chemistry, 2013, 85, 5071-5077.	3.2	4
131	Microcystin-LR Induces NLRP3 Inflammasome Activation via FOXO1 Phosphorylation, Resulting in Interleukin-1Î² Secretion and Pyroptosis in Hepatocytes. Toxicological Sciences, 2020, 179, 53-69.	1.4	4
132	Multiplexed Imaging of Protein Phosphorylation on Membranes Based on Ti^{IV} Functionalized Nanopolymers. ChemBioChem, 2016, 17, 900-903.	1.3	3
133	High-Throughput Phosphorylation Screening and Validation through Ti(IV)-Nanopolymer Functionalized Reverse Phase Phosphoprotein Array. Analytical Chemistry, 2018, 90, 10263-10270.	3.2	3
134	Universal Sample Preparation Workflow for Plant Phosphoproteomic Profiling. Methods in Molecular Biology, 2021, 2358, 93-103.	0.4	3
135	Soluble polymer-based isotopic labeling (SoPIL): a new strategy to discover protein biomarkers?. Expert Review of Proteomics, 2007, 4, 603-607.	1.3	2
136	Quantitation of the Phosphoproteome Using the Library-Assisted eXtracted Ion Chromatogram (LAXIC) Strategy. Methods in Molecular Biology, 2014, 1156, 407-416.	0.4	2
137	Universal Nonâ€Antibody Detection of Protein Phosphorylation Using pIMAGO. Current Protocols in Chemical Biology, 2015, 7, 17-25.	1.7	1
138	Kinase Assay-Linked Phosphoproteomics. Methods in Enzymology, 2017, 586, 453-471.	0.4	1
139	Tracking Pathogen Infections by Timeâ€Resolved Chemical Proteomics. Angewandte Chemie, 2020, 132, 2255-2260.	1.6	1
140	Phosphoproteomic Strategy for Profiling Osmotic Stress Signaling in Arabidopsis. Journal of Visualized Experiments, 2020, , .	0.2	1
141	Identification of Plant Kinase Substrates Based on Kinase Assay-Linked Phosphoproteomics. Methods in Molecular Biology, 2017, 1636, 327-335.	0.4	1
142	Low molecular weight protein phosphatase APH mediates tyrosine dephosphorylation and ABA response in Arabidopsis.. Stress Biology, 0, , .	1.5	1
143	Introduction to the 2016 Emerging Investigators themed issue. Analyst, The, 2016, 141, 3463-3463.	1.7	0
144	InnenrÃ¼cktitelbild: Tracking Pathogen Infections by Timeâ€Resolved Chemical Proteomics (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overloc	1.6	0

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145	Phosphatase and Kinase Substrate Profiling with Pooled and. Methods in Molecular Biology, 2021, 2329, 51-70.	0.4	0
146	Profiling Glycoproteins on Functionalized Reverse Phase Protein Array. Methods in Molecular Biology, 2021, 2237, 207-215.	0.4	0
147	Proteomics in Stem Cells. , 0, , 223-242.		0