

Junmin Peng

List of Publications by Year in descending order

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255
papers

27,475
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6613

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270
docs citations

270
times ranked

33607
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Multidimensional Chromatography Coupled with Tandem Mass Spectrometry (LC/LC-MS/MS) for Large-Scale Protein Analysis: The Yeast Proteome. <i>Journal of Proteome Research</i> , 2003, 2, 43-50.	3.7	1,557
2	A proteomics approach to understanding protein ubiquitination. <i>Nature Biotechnology</i> , 2003, 21, 921-926.	17.5	1,465
3	Neurotoxicity induces cleavage of p35 to p25 by calpain. <i>Nature</i> , 2000, 405, 360-364.	27.8	985
4	Quantitative Proteomics Reveals the Function of Unconventional Ubiquitin Chains in Proteasomal Degradation. <i>Cell</i> , 2009, 137, 133-145.	28.9	948
5	Molecular characterization of LC3-associated phagocytosis reveals distinct roles for Rubicon, NOX2 and autophagy proteins. <i>Nature Cell Biology</i> , 2015, 17, 893-906.	10.3	702
6	Transcription elongation factor P-TEFb is required for HIV-1 Tat transactivation in vitro. <i>Genes and Development</i> , 1997, 11, 2622-2632.	5.9	642
7	Lysine Propionylation and Butyrylation Are Novel Post-translational Modifications in Histones. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 812-819.	3.8	639
8	Proteomics: the move to mixtures. <i>Journal of Mass Spectrometry</i> , 2001, 36, 1083-1091.	1.6	586
9	C9orf72 Dipeptide Repeats Impair the Assembly, Dynamics, and Function of Membrane-Less Organelles. <i>Cell</i> , 2016, 167, 774-788.e17.	28.9	577
10	Control of RNA Polymerase II Elongation Potential by a Novel Carboxyl-terminal Domain Kinase. <i>Journal of Biological Chemistry</i> , 1996, 271, 27176-27183.	3.4	559
11	P-TEFb kinase is required for HIV Tat transcriptional activation in vivo and in vitro. <i>Genes and Development</i> , 1997, 11, 2633-2644.	5.9	494
12	Identification of multiple cyclin subunits of human P-TEFb. <i>Genes and Development</i> , 1998, 12, 755-762.	5.9	463
13	NUDEL Is a Novel Cdk5 Substrate that Associates with LIS1 and Cytoplasmic Dynein. <i>Neuron</i> , 2000, 28, 697-711.	8.1	447
14	Relative and Absolute Quantification of Postsynaptic Density Proteome Isolated from Rat Forebrain and Cerebellum. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 1158-1170.	3.8	440
15	Semiquantitative Proteomic Analysis of Rat Forebrain Postsynaptic Density Fractions by Mass Spectrometry. <i>Journal of Biological Chemistry</i> , 2004, 279, 21003-21011.	3.4	417
16	Identification of Neuronal RNA Targets of TDP-43-containing Ribonucleoprotein Complexes. <i>Journal of Biological Chemistry</i> , 2011, 286, 1204-1215.	3.4	366
17	MicroRNA miR-137 Regulates Neuronal Maturation by Targeting Ubiquitin Ligase Mind Bomb-1. <i>Stem Cells</i> , 2010, 28, 1060-1070.	3.2	349
18	Deep Multilayer Brain Proteomics Identifies Molecular Networks in Alzheimer's Disease Progression. <i>Neuron</i> , 2020, 105, 975-991.e7.	8.1	287

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19	U1 small nuclear ribonucleoprotein complex and RNA splicing alterations in Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16562-16567.	7.1	268
20	Proteomic Characterization of Postmortem Amyloid Plaques Isolated by Laser Capture Microdissection. Journal of Biological Chemistry, 2004, 279, 37061-37068.	3.4	267
21	Integrative Proteomics and Phosphoproteomics Profiling Reveals Dynamic Signaling Networks and Bioenergetics Pathways Underlying T Cell Activation. Immunity, 2017, 46, 488-503.	14.3	265
22	Cdk5-Mediated Inhibition of the Protective Effects of Transcription Factor MEF2 in Neurotoxicity-Induced Apoptosis. Neuron, 2003, 38, 33-46.	8.1	264
23	Regulation of Estrogen Receptor β by the SET7 Lysine Methyltransferase. Molecular Cell, 2008, 30, 336-347.	9.7	259
24	Structure and Regulation of the CDK5-p25nck5a Complex. Molecular Cell, 2001, 8, 657-669.	9.7	255
25	Autophosphorylated CaMKII β Acts as a Scaffold to Recruit Proteasomes to Dendritic Spines. Cell, 2010, 140, 567-578.	28.9	249
26	The Cotranslational Function of Ribosome-Associated Hsp70 in Eukaryotic Protein Homeostasis. Cell, 2013, 152, 196-209.	28.9	240
27	Tat Modifies the Activity of CDK9 To Phosphorylate Serine 5 of the RNA Polymerase II Carboxyl-Terminal Domain during Human Immunodeficiency Virus Type 1 Transcription. Molecular and Cellular Biology, 2000, 20, 5077-5086.	2.3	234
28	The Deubiquitinating Enzyme Ataxin-3, a Polyglutamine Disease Protein, Edits Lys63 Linkages in Mixed Linkage Ubiquitin Chains. Journal of Biological Chemistry, 2008, 283, 26436-26443.	3.4	226
29	Genetic inactivation of p62 leads to accumulation of hyperphosphorylated tau and neurodegeneration. Journal of Neurochemistry, 2008, 106, 107-120.	3.9	222
30	C3PO, an Endoribonuclease That Promotes RNAi by Facilitating RISC Activation. Science, 2009, 325, 750-753.	12.6	220
31	Prolyl 4-hydroxylation regulates Argonaute 2 stability. Nature, 2008, 455, 421-424.	27.8	210
32	Human LSD2/KDM1b/AOF1 Regulates Gene Transcription by Modulating Intragenic H3K4me2 Methylation. Molecular Cell, 2010, 39, 222-233.	9.7	209
33	Enhanced photocatalytic ozonation degradation of organic pollutants by ZnO modified TiO ₂ nanocomposites. Applied Catalysis B: Environmental, 2018, 221, 223-234.	20.2	209
34	Automation of Nanoscale Microcapillary Liquid Chromatography-Tandem Mass Spectrometry with a Vented Column. Analytical Chemistry, 2002, 74, 3076-3083.	6.5	206
35	Large-scale deep multi-layer analysis of Alzheimer's disease brain reveals strong proteomic disease-related changes not observed at the RNA level. Nature Neuroscience, 2022, 25, 213-225.	14.8	202
36	Quantitative phosphoproteomic analysis of the molecular substrates of sleep need. Nature, 2018, 558, 435-439.	27.8	195

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37	Cell type-restricted activity of hnRNPM promotes breast cancer metastasis via regulating alternative splicing. <i>Genes and Development</i> , 2014, 28, 1191-1203.	5.9	193
38	Joint mouse-human phenome-wide association to test gene function and disease risk. <i>Nature Communications</i> , 2016, 7, 10464.	12.8	190
39	Cyclin K Functions as a CDK9 Regulatory Subunit and Participates in RNA Polymerase II Transcription. <i>Journal of Biological Chemistry</i> , 1999, 274, 34527-34530.	3.4	188
40	Analysis of the Large Inactive P-TEFb Complex Indicates That It Contains One 7SK Molecule, a Dimer of HEXIM1 or HEXIM2, and Two P-TEFb Molecules Containing Cdk9 Phosphorylated at Threonine 186. <i>Journal of Biological Chemistry</i> , 2005, 280, 28819-28826.	3.4	181
41	Systematical Optimization of Reverse-Phase Chromatography for Shotgun Proteomics. <i>Journal of Proteome Research</i> , 2009, 8, 3944-3950.	3.7	163
42	A novel transferrin/TfR2-mediated mitochondrial iron transport system is disrupted in Parkinson's disease. <i>Neurobiology of Disease</i> , 2009, 34, 417-431.	4.4	162
43	Identification of a Cyclin Subunit Required for the Function of Drosophila P-TEFb. <i>Journal of Biological Chemistry</i> , 1998, 273, 13855-13860.	3.4	156
44	Essential Role of Sequestosome 1/p62 in Regulating Accumulation of Lys63-ubiquitinated Proteins. <i>Journal of Biological Chemistry</i> , 2008, 283, 6783-6789.	3.4	155
45	Hippo/Mst signalling couples metabolic state and immune function of CD8 ⁺ dendritic cells. <i>Nature</i> , 2018, 558, 141-145.	27.8	152
46	Ube2w and Ataxin-3 Coordinately Regulate the Ubiquitin Ligase CHIP. <i>Molecular Cell</i> , 2011, 43, 599-612.	9.7	151
47	Polyubiquitin Linkage Profiles in Three Models of Proteolytic Stress Suggest the Etiology of Alzheimer Disease. <i>Journal of Biological Chemistry</i> , 2011, 286, 10457-10465.	3.4	151
48	The Ability of Positive Transcription Elongation Factor b To Transactivate Human Immunodeficiency Virus Transcription Depends on a Functional Kinase Domain, Cyclin T1, and Tat. <i>Journal of Virology</i> , 1998, 72, 7154-7159.	3.4	150
49	The Noncanonical Role of ULK/ATG1 in ER-to-Golgi Trafficking Is Essential for Cellular Homeostasis. <i>Molecular Cell</i> , 2016, 62, 491-506.	9.7	148
50	Efficacy of Retinoids in IKZF1-Mutated BCR-ABL1 Acute Lymphoblastic Leukemia. <i>Cancer Cell</i> , 2015, 28, 343-356.	16.8	145
51	Proteomic identification of novel proteins associated with Lewy bodies. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 3850.	3.0	134
52	Upregulation of cyclin T1/CDK9 complexes during T cell activation. <i>Oncogene</i> , 1998, 17, 3093-3102.	5.9	128
53	Synaptic Protein Ubiquitination in Rat Brain Revealed by Antibody-based Ubiquitome Analysis. <i>Journal of Proteome Research</i> , 2012, 11, 4722-4732.	3.7	128
54	Partial loss of psychiatric risk gene Mir137 in mice causes repetitive behavior and impairs sociability and learning via increased Pde10a. <i>Nature Neuroscience</i> , 2018, 21, 1689-1703.	14.8	127

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55	Site-specific ubiquitination exposes a linear motif to promote interferon- β receptor endocytosis. <i>Journal of Cell Biology</i> , 2007, 179, 935-950.	5.2	124
56	ULK1 and ULK2 Regulate Stress Granule Disassembly Through Phosphorylation and Activation of VCP/p97. <i>Molecular Cell</i> , 2019, 74, 742-757.e8.	9.7	123
57	Loss of LR11/SORLA Enhances Early Pathology in a Mouse Model of Amyloidosis: Evidence for a Proximal Role in Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2008, 28, 12877-12886.	3.6	121
58	ALS-FTLD-linked mutations of SQSTM1/p62 disrupt selective autophagy and NFE2L2/NRF2 anti-oxidative stress pathway. <i>Autophagy</i> , 2020, 16, 917-931.	9.1	118
59	The Lysine 48 and Lysine 63 Ubiquitin Conjugates Are Processed Differently by the 26 S Proteasome. <i>Journal of Biological Chemistry</i> , 2009, 284, 35485-35494.	3.4	117
60	JUMP: A Tag-based Database Search Tool for Peptide Identification with High Sensitivity and Accuracy. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3663-3673.	3.8	117
61	Neuroprotective Actions of PIKE-L by Inhibition of SET Proteolytic Degradation by Asparagine Endopeptidase. <i>Molecular Cell</i> , 2008, 29, 665-678.	9.7	116
62	Nucleophosmin/B23, a Nuclear PI(3,4,5)P3 Receptor, Mediates the Antiapoptotic Actions of NGF by Inhibiting CAD. <i>Molecular Cell</i> , 2005, 18, 435-445.	9.7	114
63	Efficient Internalization of MHC I Requires Lysine-11 and Lysine-63 Mixed Linkage Polyubiquitin Chains. <i>Traffic</i> , 2010, 11, 210-220.	2.7	111
64	Nuclear Akt associates with PKC-phosphorylated Ebp1, preventing DNA fragmentation by inhibition of caspase-activated DNase. <i>EMBO Journal</i> , 2006, 25, 2083-2095.	7.8	108
65	Mutant LRRK2 mediates peripheral and central immune responses leading to neurodegeneration in vivo. <i>Brain</i> , 2018, 141, 1753-1769.	7.6	106
66	Identification of Therapeutic Targets in Rhabdomyosarcoma through Integrated Genomic, Epigenomic, and Proteomic Analyses. <i>Cancer Cell</i> , 2018, 34, 411-426.e19.	16.8	106
67	Integrated analysis of ultra-deep proteomes in cortex, cerebrospinal fluid and serum reveals a mitochondrial signature in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2020, 15, 43.	10.8	104
68	Characterization of Polyubiquitin Chain Structure by Middle-down Mass Spectrometry. <i>Analytical Chemistry</i> , 2008, 80, 3438-3444.	6.5	99
69	Ligand-induced monoubiquitination of BIK1 regulates plant immunity. <i>Nature</i> , 2020, 581, 199-203.	27.8	99
70	Structural analysis of the full-length human LRRK2. <i>Cell</i> , 2021, 184, 3519-3527.e10.	28.9	98
71	Coaggregation of RNA-Binding Proteins in a Model of TDP-43 Proteinopathy with Selective RGG Motif Methylation and a Role for RRM1 Ubiquitination. <i>PLoS ONE</i> , 2012, 7, e38658.	2.5	98
72	Proteomic landscape of Alzheimer's Disease: novel insights into pathogenesis and biomarker discovery. <i>Molecular Neurodegeneration</i> , 2021, 16, 55.	10.8	95

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73	Deep undepleted human serum proteome profiling toward biomarker discovery for Alzheimer's disease. <i>Clinical Proteomics</i> , 2019, 16, 16.	2.1	93
74	Multiplex SILAC Analysis of a Cellular TDP-43 Proteinopathy Model Reveals Protein Inclusions Associated with SUMOylation and Diverse Polyubiquitin Chains. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 705-718.	3.8	92
75	Extensive Peptide Fractionation and <i>Y</i> ¹ Ion-Based Interference Detection Method for Enabling Accurate Quantification by Isobaric Labeling and Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 2956-2963.	6.5	91
76	Structural Insights into the Functions of TBK1 in Innate Antimicrobial Immunity. <i>Structure</i> , 2013, 21, 1137-1148.	3.3	90
77	The U4/U6 Recycling Factor SART3 Has Histone Chaperone Activity and Associates with USP15 to Regulate H2B Deubiquitination. <i>Journal of Biological Chemistry</i> , 2014, 289, 8916-8930.	3.4	90
78	Deep Profiling of Proteome and Phosphoproteome by Isobaric Labeling, Extensive Liquid Chromatography, and Mass Spectrometry. <i>Methods in Enzymology</i> , 2017, 585, 377-395.	1.0	90
79	USP19 Deubiquitinating Enzyme Supports Cell Proliferation by Stabilizing KPC1, a Ubiquitin Ligase for p27 ^{Kip1} . <i>Molecular and Cellular Biology</i> , 2009, 29, 547-558.	2.3	89
80	Galectin-3 Is a Candidate Biomarker for Amyotrophic Lateral Sclerosis: Discovery by a Proteomics Approach. <i>Journal of Proteome Research</i> , 2010, 9, 5133-5141.	3.7	88
81	Phosphoproteomic Analysis of Human Brain by Calcium Phosphate Precipitation and Mass Spectrometry. <i>Journal of Proteome Research</i> , 2008, 7, 2845-2851.	3.7	87
82	Protein kinase C inhibits autophagy and phosphorylates LC3. <i>Biochemical and Biophysical Research Communications</i> , 2010, 395, 471-476.	2.1	87
83	Combinatorial expression of GPCR isoforms affects signalling and drug responses. <i>Nature</i> , 2020, 587, 650-656.	27.8	87
84	Ubiquitination is essential for recovery of cellular activities after heat shock. <i>Science</i> , 2021, 372, eabc3593.	12.6	86
85	Molecular determinants of polyubiquitin linkage selection by an HECT ubiquitin ligase. <i>EMBO Journal</i> , 2006, 25, 1710-1719.	7.8	84
86	Proteomics of gliomas: Initial biomarker discovery and evolution of technology. <i>Neuro-Oncology</i> , 2011, 13, 926-942.	1.2	84
87	Hippo Kinases Mst1 and Mst2 Sense and Amplify IL-2R-STAT5 Signaling in Regulatory T Cells to Establish Stable Regulatory Activity. <i>Immunity</i> , 2018, 49, 899-914.e6.	14.3	84
88	Interactions between Tat and TAR and Human Immunodeficiency Virus Replication Are Facilitated by Human Cyclin T1 but Not Cyclins T2a or T2b. <i>Virology</i> , 1999, 255, 182-189.	2.4	80
89	Blocking an N-terminal acetylation-dependent protein interaction inhibits an E3 ligase. <i>Nature Chemical Biology</i> , 2017, 13, 850-857.	8.0	80
90	Cooperative control of multiple heterogeneous agents with unknown high-frequency-gain signs. <i>Systems and Control Letters</i> , 2014, 68, 51-56.	2.3	79

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91	Polyubiquitination of Prolactin Receptor Stimulates Its Internalization, Postinternalization Sorting, and Degradation via the Lysosomal Pathway. <i>Molecular and Cellular Biology</i> , 2008, 28, 5275-5287.	2.3	78
92	A Novel Strategy to Isolate Ubiquitin Conjugates Reveals Wide Role for Ubiquitination during Neural Development. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.002188.	3.8	77
93	The neoepitope landscape in pediatric cancers. <i>Genome Medicine</i> , 2017, 9, 78.	8.2	77
94	Control of Early B Cell Development by the RNA N6-Methyladenosine Methylation. <i>Cell Reports</i> , 2020, 31, 107819.	6.4	77
95	Proteomics Analysis Reveals Novel Components in the Detergent-Insoluble Subproteome in Alzheimer's Disease. <i>Journal of Proteome Research</i> , 2009, 8, 5069-5079.	3.7	76
96	JUMPg: An Integrative Proteogenomics Pipeline Identifying Unannotated Proteins in Human Brain and Cancer Cells. <i>Journal of Proteome Research</i> , 2016, 15, 2309-2320.	3.7	76
97	Amino Acids License Kinase mTORC1 Activity and Treg Cell Function via Small G Proteins Rag and Rheb. <i>Immunity</i> , 2019, 51, 1012-1027.e7.	14.3	76
98	CDK2 inhibitors as candidate therapeutics for cisplatin- and noise-induced hearing loss. <i>Journal of Experimental Medicine</i> , 2018, 215, 1187-1203.	8.5	75
99	The <i>C.Âlegans</i> Taste Receptor Homolog LITE-1 Is a Photoreceptor. <i>Cell</i> , 2016, 167, 1252-1263.e10.	28.9	73
100	PHD3-dependent hydroxylation of HCLK2 promotes the DNA damage response. <i>Journal of Clinical Investigation</i> , 2012, 122, 2827-2836.	8.2	73
101	Dissecting the ubiquitin pathway by mass spectrometry. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006, 1764, 1940-1947.	2.3	72
102	ELMOD2 Is an Arl2 GTPase-activating Protein That Also Acts on Arfs. <i>Journal of Biological Chemistry</i> , 2007, 282, 17568-17580.	3.4	72
103	Phosphoproteomic Analysis Reveals Site-Specific Changes in GFAP and NDRG2 Phosphorylation in Frontotemporal Lobar Degeneration. <i>Journal of Proteome Research</i> , 2010, 9, 6368-6379.	3.7	71
104	Autoregulation of the 26S proteasome by in situ ubiquitination. <i>Molecular Biology of the Cell</i> , 2014, 25, 1824-1835.	2.1	71
105	Systematic Optimization of Long Gradient Chromatography Mass Spectrometry for Deep Analysis of Brain Proteome. <i>Journal of Proteome Research</i> , 2015, 14, 829-838.	3.7	71
106	Huntingtin-associated protein 1 interacts with Ahi1 to regulate cerebellar and brainstem development in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 2785-2795.	8.2	71
107	Network-based systems pharmacology reveals heterogeneity in LCK and BCL2 signaling and therapeutic sensitivity of T-cell acute lymphoblastic leukemia. <i>Nature Cancer</i> , 2021, 2, 284-299.	13.2	70
108	Neuronal Morphogenesis Is Regulated by the Interplay between Cyclin-Dependent Kinase 5 and the Ubiquitin Ligase Mind Bomb 1. <i>Journal of Neuroscience</i> , 2007, 27, 9503-9512.	3.6	68

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109	Cerebrospinal fluid tau fragment correlates with tau PET: a candidate biomarker for tangle pathology. <i>Brain</i> , 2020, 143, 650-660.	7.6	68
110	27-Plex Tandem Mass Tag Mass Spectrometry for Profiling Brain Proteome in Alzheimer's Disease. <i>Analytical Chemistry</i> , 2020, 92, 7162-7170.	6.5	68
111	A Nano Ultra-Performance Liquid Chromatography-High Resolution Mass Spectrometry Approach for Global Metabolomic Profiling and Case Study on Drug-Resistant Multiple Myeloma. <i>Analytical Chemistry</i> , 2014, 86, 3667-3675.	6.5	67
112	Identification and Validation of Eukaryotic Aspartate and Glutamate Methylation in Proteins. <i>Journal of Proteome Research</i> , 2008, 7, 1001-1006.	3.7	65
113	Systematic Approach for Validating the Ubiquitinated Proteome. <i>Analytical Chemistry</i> , 2008, 80, 4161-4169.	6.5	65
114	Binding of PLD2-Generated Phosphatidic Acid to KIF5B Promotes MT1-MMP Surface Trafficking and Lung Metastasis of Mouse Breast Cancer Cells. <i>Developmental Cell</i> , 2017, 43, 186-197.e7.	7.0	63
115	Sjögren Syndrome Antigen B (SSB)/La Promotes Global MicroRNA Expression by Binding MicroRNA Precursors through Stem-Loop Recognition. <i>Journal of Biological Chemistry</i> , 2013, 288, 723-736.	3.4	62
116	Human BRE1 Is an E3 Ubiquitin Ligase for Ebp1 Tumor Suppressor. <i>Molecular Biology of the Cell</i> , 2009, 20, 757-768.	2.1	61
117	Structural basis of SETD6-mediated regulation of the NF- κ B network via methyl-lysine signaling. <i>Nucleic Acids Research</i> , 2011, 39, 6380-6389.	14.5	61
118	Quantitative Analysis of the Detergent-Insoluble Brain Proteome in Frontotemporal Lobar Degeneration Using SILAC Internal Standards. <i>Journal of Proteome Research</i> , 2012, 11, 2721-2738.	3.7	61
119	Novel specialized cell state and spatial compartments within the germinal center. <i>Nature Immunology</i> , 2020, 21, 660-670.	14.5	60
120	Altered ubiquitin causes perturbed calcium homeostasis, hyperactivation of calpain, dysregulated differentiation, and cataract. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1071-1076.	7.1	57
121	Nuclear Accumulation of Stress Response mRNAs Contributes to the Neurodegeneration Caused by Fragile X Premutation rCGG Repeats. <i>PLoS Genetics</i> , 2011, 7, e1002102.	3.5	56
122	A Key Role for the Ubiquitin Ligase UBR4 in Myofiber Hypertrophy in Drosophila and Mice. <i>Cell Reports</i> , 2019, 28, 1268-1281.e6.	6.4	56
123	Identification of a Functional Non-coding Variant in the GABAA Receptor α 2 Subunit of the C57BL/6J Mouse Reference Genome: Major Implications for Neuroscience Research. <i>Frontiers in Genetics</i> , 2019, 10, 188.	2.3	56
124	Characterizing Ubiquitination Sites by Peptide-based Immunoaffinity Enrichment. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1529-1540.	3.8	55
125	Targeting human Mas-related G protein-coupled receptor X1 to inhibit persistent pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1996-E2005.	7.1	53
126	Asparaginyl endopeptidase cleaves TDP-43 in brain. <i>Proteomics</i> , 2012, 12, 2455-2463.	2.2	52

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127	A Cancer-Specific Ubiquitin Ligase Drives mRNA Alternative Polyadenylation by Ubiquitinating the mRNA 3' End Processing Complex. <i>Molecular Cell</i> , 2020, 77, 1206-1221.e7.	9.7	52
128	Identification of Potent, Selective, and Orally Bioavailable Small-Molecule GSPT1/2 Degraders from a Focused Library of Cereblon Modulators. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 7296-7311.	6.4	51
129	Rho Kinase II Phosphorylation of the Lipoprotein Receptor LR11/SORLA Alters Amyloid- β Production. <i>Journal of Biological Chemistry</i> , 2011, 286, 6117-6127.	3.4	50
130	Cooperative control of high-order nonlinear systems with unknown control directions. <i>Systems and Control Letters</i> , 2018, 113, 101-108.	2.3	50
131	Akt Phosphorylates NQO1 and Triggers its Degradation, Abolishing Its Antioxidative Activities in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2019, 39, 7291-7305.	3.6	50
132	SOX4 interacts with plakoglobin in a Wnt3a-dependent manner in prostate cancer cells. <i>BMC Cell Biology</i> , 2011, 12, 50.	3.0	47
133	Ubiquitin-specific Protease 9x Deubiquitinates and Stabilizes the Spinal Muscular Atrophy Protein-Survival Motor Neuron. <i>Journal of Biological Chemistry</i> , 2012, 287, 43741-43752.	3.4	47
134	The F-box Protein FBXO44 Mediates BRCA1 Ubiquitination and Degradation. <i>Journal of Biological Chemistry</i> , 2012, 287, 41014-41022.	3.4	45
135	LKB1 orchestrates dendritic cell metabolic quiescence and anti-tumor immunity. <i>Cell Research</i> , 2019, 29, 391-405.	12.0	45
136	Multiple Weak Linear Motifs Enhance Recruitment and Processivity in SPOP-Mediated Substrate Ubiquitination. <i>Journal of Molecular Biology</i> , 2016, 428, 1256-1271.	4.2	44
137	Enhanced Purification of Ubiquitinated Proteins by Engineered Tandem Hybrid Ubiquitin-binding Domains (ThUBDs). <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1381-1396.	3.8	44
138	Varicella-Zoster Virus Fc Receptor Component gI Is Phosphorylated on Its Endodomain by a Cyclin-Dependent Kinase. <i>Journal of Virology</i> , 1999, 73, 1320-1330.	3.4	43
139	Proteomic analysis of postsynaptic density in Alzheimer's Disease. <i>Clinica Chimica Acta</i> , 2013, 420, 62-68.	1.1	42
140	Distributed adaptive controller for the output-synchronization of networked systems in semi-strict feedback form. <i>Journal of the Franklin Institute</i> , 2014, 351, 412-428.	3.4	42
141	Refined phosphopeptide enrichment by phosphate additive and the analysis of human brain phosphoproteome. <i>Proteomics</i> , 2015, 15, 500-507.	2.2	42
142	Targeting Histone Demethylases in MYC-Driven Neuroblastomas with Ciclopirox. <i>Cancer Research</i> , 2017, 77, 4626-4638.	0.9	42
143	Deep multiomics profiling of brain tumors identifies signaling networks downstream of cancer driver genes. <i>Nature Communications</i> , 2019, 10, 3718.	12.8	42
144	Protein Fold Classification with Backbone Torsional Characters Using Multi-Class Linear Discriminant Analysis. <i>Journal of Proteomics and Bioinformatics</i> , 2013, 06, 196-209.	0.4	42

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145	Quantitative Protein Analysis by Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2015, 1278, 281-305.	0.9	40
146	Evaluation of proteomic strategies for analyzing ubiquitinated proteins. <i>BMB Reports</i> , 2008, 41, 177-183.	2.4	40
147	Regulation of behavioral circadian rhythms and clock protein PER1 by the deubiquitinating enzyme USP2. <i>Biology Open</i> , 2012, 1, 789-801.	1.2	38
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149	Sequential Elution Interactome Analysis of the Mind Bomb 1 Ubiquitin Ligase Reveals a Novel Role in Dendritic Spine Outgrowth. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1898-1910.	3.8	36
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