

# Haiteng Deng

## List of Publications by Year in descending order

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253  
papers

12,615  
citations

20759

60  
h-index

35952

97  
g-index

263  
all docs

263  
docs citations

263  
times ranked

20715  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuronal SIRT1 Activation as a Novel Mechanism Underlying the Prevention of Alzheimer Disease Amyloid Neuropathology by Calorie Restriction*. Journal of Biological Chemistry, 2006, 281, 21745-21754.	1.6	567
2	DWARF14 is a non-canonical hormone receptor for strigolactone. Nature, 2016, 536, 469-473.	13.7	399
3	Structural basis of ultraviolet-B perception by UVR8. Nature, 2012, 484, 214-219.	13.7	343
4	Crystal Structure of NLRC4 Reveals Its Autoinhibition Mechanism. Science, 2013, 341, 172-175.	6.0	329
5	Chemistry of Gene Silencing: The Mechanism of NAD <sup>+</sup> -Dependent Deacetylation Reactions. Biochemistry, 2001, 40, 15456-15463.	1.2	293
6	The RNA Exosome Targets the AID Cytidine Deaminase to Both Strands of Transcribed Duplex DNA Substrates. Cell, 2011, 144, 353-363.	13.5	275
7	Function and Molecular Mechanism of Acetylation in Autophagy Regulation. Science, 2012, 336, 474-477.	6.0	220
8	Inhibitors selective for mycobacterial versus human proteasomes. Nature, 2009, 461, 621-626.	13.7	213
9	The CREB coactivator CRTC2 controls hepatic lipid metabolism by regulating SREBP1. Nature, 2015, 524, 243-246.	13.7	206
10	Injury Activates Ca <sup>2+</sup> /Calmodulin-Dependent Phosphorylation of JAV1-JAZ8-WRKY51 Complex for Jasmonate Biosynthesis. Molecular Cell, 2018, 70, 136-149.e7.	4.5	191
11	Identification of a copper-binding metallothionein in pathogenic mycobacteria. Nature Chemical Biology, 2008, 4, 609-616.	3.9	187
12	T Cell Immunoglobulin Mucin-3 Crystal Structure Reveals a Galectin-9-Independent Ligand-Binding Surface. Immunity, 2007, 26, 311-321.	6.6	183
13	L-glutamine provides acid resistance for Escherichia coli through enzymatic release of ammonia. Cell Research, 2013, 23, 635-644.	5.7	176
14	Crystal structure and biochemical analyses reveal Beclin 1 as a novel membrane binding protein. Cell Research, 2012, 22, 473-489.	5.7	172
15	The covalent modifier Nedd8 is critical for the activation of Smurf1 ubiquitin ligase in tumorigenesis. Nature Communications, 2014, 5, 3733.	5.8	157
16	The Mevalonate Pathway Is a Druggable Target for Vaccine Adjuvant Discovery. Cell, 2018, 175, 1059-1073.e21.	13.5	148
17	A seawater-based open and continuous process for polyhydroxyalkanoates production by recombinant Halomonas campaniensis LS21 grown in mixed substrates. Biotechnology for Biofuels, 2014, 7, .	6.2	142
18	Inflammation-associated lysophospholipids as ligands for CD1d-restricted T cells in human cancer. Blood, 2008, 112, 1308-1316.	0.6	136

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19	Potent and Preferential Degradation of CDK6 via Proteolysis Targeting Chimera Degraders. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 7575-7582.	2.9	127
20	c-Cbl-Mediated Neddylation Antagonizes Ubiquitination and Degradation of the TGF- $\beta$ 2 Type II Receptor. <i>Molecular Cell</i> , 2013, 49, 499-510.	4.5	126
21	Cross-talk between PRMT1-mediated methylation and ubiquitylation on RBM15 controls RNA splicing. <i>ELife</i> , 2015, 4, .	2.8	125
22	Migrasomes provide regional cues for organ morphogenesis during zebrafish gastrulation. <i>Nature Cell Biology</i> , 2019, 21, 966-977.	4.6	122
23	H2A.Z facilitates licensing and activation of early replication origins. <i>Nature</i> , 2020, 577, 576-581.	13.7	119
24	Labeling Substrates of Protein Arginine Methyltransferase with Engineered Enzymes and Matched <i>S</i> -Adenosyl-methionine Analogues. <i>Journal of the American Chemical Society</i> , 2011, 133, 7648-7651.	6.6	118
25	OLFR734 Mediates Glucose Metabolism as a Receptor of Asprosin. <i>Cell Metabolism</i> , 2019, 30, 319-328.e8.	7.2	117
26	Profiling Genome-Wide Chromatin Methylation with Engineered Posttranslation Apparatus within Living Cells. <i>Journal of the American Chemical Society</i> , 2013, 135, 1048-1056.	6.6	115
27	A Dual Purpose Strategy to Endow Gold Nanoclusters with Both Catalysis Activity and Water Solubility. <i>Journal of the American Chemical Society</i> , 2020, 142, 973-977.	6.6	109
28	The <i>Arabidopsis</i> F-Box Protein CORONATINE INSENSITIVE1 Is Stabilized by SCFCO1 and Degraded via the 26S Proteasome Pathway. <i>Plant Cell</i> , 2013, 25, 486-498.	3.1	107
29	Inhibition of caspase-3 activity and activation by protein glutathionylation. <i>Biochemical Pharmacology</i> , 2008, 75, 2234-2244.	2.0	104
30	De novo annotation and characterization of the translome with ribosome profiling data. <i>Nucleic Acids Research</i> , 2018, 46, e61-e61.	6.5	104
31	Expanding Cofactor Repertoire of Protein Lysine Methyltransferase for Substrate Labeling. <i>ACS Chemical Biology</i> , 2011, 6, 679-684.	1.6	103
32	FLA8/KIF3B Phosphorylation Regulates Kinesin-II Interaction with IFT-B to Control IFT Entry and Turnaround. <i>Developmental Cell</i> , 2014, 30, 585-597.	3.1	102
33	Myeloid-derived suppressor cells inhibit T cell activation through nitrating LCK in mouse cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10094-10099.	3.3	102
34	Nonsteroidal anti-inflammatory drug sensitizes <i>Mycobacterium tuberculosis</i> to endogenous and exogenous antimicrobials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16004-16011.	3.3	101
35	Stabilizing mutations of KLHL24 ubiquitin ligase cause loss of keratin 14 and human skin fragility. <i>Nature Genetics</i> , 2016, 48, 1508-1516.	9.4	101
36	Rab8a-AS160-MSS4 Regulatory Circuit Controls Lipid Droplet Fusion and Growth. <i>Developmental Cell</i> , 2014, 30, 378-393.	3.1	98

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37	RNAase-III enzyme Dicer maintains signaling pathways for differentiation and survival in mouse cortical neural stem cells. <i>Journal of Cell Science</i> , 2010, 123, 586-594.	1.2	97
38	Cotton Leaf Curl Multan virus C4 protein suppresses both transcriptional and post-transcriptional gene silencing by interacting with SAM synthetase. <i>PLoS Pathogens</i> , 2018, 14, e1007282.	2.1	93
39	Bioorthogonal Profiling of Protein Methylation Using Azido Derivative of S-Adenosyl-methionine. <i>Journal of the American Chemical Society</i> , 2012, 134, 5909-5915.	6.6	92
40	Structure of the RSC complex bound to the nucleosome. <i>Science</i> , 2019, 366, 838-843.	6.0	92
41	Aurora B Regulates Formin mDia3 in Achieving Metaphase Chromosome Alignment. <i>Developmental Cell</i> , 2011, 20, 342-352.	3.1	91
42	Activity-induced histone modifications govern Neurexin-1 mRNA splicing and memory preservation. <i>Nature Neuroscience</i> , 2017, 20, 690-699.	7.1	91
43	Parkin promotes proteasomal degradation of p62: implication of selective vulnerability of neuronal cells in the pathogenesis of Parkinson's disease. <i>Protein and Cell</i> , 2016, 7, 114-129.	4.8	85
44	S-Adenosyl-selenomethionine Cofactor Analogue as a Reporter of Protein Methylation. <i>Journal of the American Chemical Society</i> , 2012, 134, 14905-14912.	6.6	84
45	Unusual histone modifications in <i>Trypanosoma brucei</i> . <i>FEBS Letters</i> , 2006, 580, 2306-2310.	1.3	83
46	The Fourth Alloying Mode by Way of Anti-Galvanic Reaction. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4500-4504.	7.2	81
47	Tex10 Coordinates Epigenetic Control of Super-Enhancer Activity in Pluripotency and Reprogramming. <i>Cell Stem Cell</i> , 2015, 16, 653-668.	5.2	80
48	Molecular Mechanism for Inhibition of a Critical Component in the <i>Arabidopsis thaliana</i> Abscisic Acid Signal Transduction Pathways, SnRK2.6, by Protein Phosphatase ABI1. <i>Journal of Biological Chemistry</i> , 2012, 287, 794-802.	1.6	76
49	Discovery of a first-in-class CDK2 selective degrader for AML differentiation therapy. <i>Nature Chemical Biology</i> , 2021, 17, 567-575.	3.9	76
50	Histone modifications in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2007, 156, 41-50.	0.5	75
51	Establishment of local searching methods for orbitrap-based high throughput metabolomics analysis. <i>Talanta</i> , 2016, 156-157, 163-171.	2.9	73
52	Dissecting the in vivo assembly of the 30S ribosomal subunit reveals the role of RimM and general features of the assembly process. <i>Nucleic Acids Research</i> , 2013, 41, 2609-2620.	6.5	72
53	ShHTL7 is a non-canonical receptor for strigolactones in root parasitic weeds. <i>Cell Research</i> , 2017, 27, 838-841.	5.7	71
54	CCT2 is an aggrephagy receptor for clearance of solid protein aggregates. <i>Cell</i> , 2022, 185, 1325-1345.e22.	13.5	71

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55	Structural basis of ubiquitin modification by the Legionella effector SdeA. <i>Nature</i> , 2018, 557, 674-678.	13.7	69
56	Plasticity in designing PROTACs for selective and potent degradation of HDAC6. <i>Chemical Communications</i> , 2019, 55, 14848-14851.	2.2	69
57	Down-regulation of HSP60 Suppresses the Proliferation of Glioblastoma Cells via the ROS/AMPK/mTOR Pathway. <i>Scientific Reports</i> , 2016, 6, 28388.	1.6	68
58	A proposed role for glutamine in cancer cell growth through acid resistance. <i>Cell Research</i> , 2013, 23, 724-727.	5.7	67
59	Molecular basis for CPAP-tubulin interaction in controlling centriolar and ciliary length. <i>Nature Communications</i> , 2016, 7, 11874.	5.8	66
60	Quasi-Dual-Packed-Kernelled Au <sub>49</sub> (2,4-DMBT) <sub>27</sub> Nanoclusters and the Influence of Kernel Packing on the Electrochemical Gap. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12644-12648.	7.2	66
61	Mass Spectrometry Analysis and Quantitation of Peptides Presented on the MHC II Molecules of Mouse Spleen Dendritic Cells. <i>Journal of Proteome Research</i> , 2011, 10, 5016-5030.	1.8	65
62	Defining efficient enzyme-cofactor pairs for bioorthogonal profiling of protein methylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16778-16783.	3.3	65
63	Formation of a Snf1-Mec1-Atg1 Module on Mitochondria Governs Energy Deprivation-Induced Autophagy by Regulating Mitochondrial Respiration. <i>Developmental Cell</i> , 2017, 41, 59-71.e4.	3.1	65
64	Body fluid identification by mass spectrometry. <i>International Journal of Legal Medicine</i> , 2013, 127, 1065-1077.	1.2	64
65	A Covalent Intermediate in CD38 Is Responsible for ADP-Ribosylation and Cyclization Reactions. <i>Journal of the American Chemical Society</i> , 2000, 122, 7855-7859.	6.6	62
66	The fcc structure isomerization in gold nanoclusters. <i>Nanoscale</i> , 2017, 9, 14809-14813.	2.8	62
67	Cysteine-Aminoethylation-Assisted Chemical Ubiquitination of Recombinant Histones. <i>Journal of the American Chemical Society</i> , 2019, 141, 3654-3663.	6.6	62
68	Inactivation and Reactivation of the Mitochondrial Î±-Ketoglutarate Dehydrogenase Complex. <i>Journal of Biological Chemistry</i> , 2011, 286, 17640-17648.	1.6	61
69	Flagellar regeneration requires cytoplasmic microtubule depolymerization and kinesin-13. <i>Journal of Cell Science</i> , 2013, 126, 1531-40.	1.2	61
70	Fcc versus Non-fcc Structural Isomerism of Gold Nanoparticles with Kernel Atom Packing Dependent Photoluminescence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4510-4514.	7.2	59
71	Fasting-induced hormonal regulation of lysosomal function. <i>Cell Research</i> , 2017, 27, 748-763.	5.7	58
72	HDAC6-mediated acetylation of lipid droplet-binding protein CIDEC regulates fat-induced lipid storage. <i>Journal of Clinical Investigation</i> , 2017, 127, 1353-1369.	3.9	58

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73	A Silver Nanocluster Containing Interstitial Sulfur and Unprecedented Chemical Bonds. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11273-11277.	7.2	57
74	Phase separation of RNA-binding protein promotes polymerase binding and transcription. <i>Nature Chemical Biology</i> , 2022, 18, 70-80.	3.9	57
75	Ultrasensitive Ribo-seq reveals translational landscapes during mammalian oocyte-to-embryo transition and pre-implantation development. <i>Nature Cell Biology</i> , 2022, 24, 968-980.	4.6	57
76	Cryo-EM structures of the late-stage assembly intermediates of the bacterial 50S ribosomal subunit. <i>Nucleic Acids Research</i> , 2013, 41, 7073-7083.	6.5	56
77	Nuclear Proximity of Mtr4 to RNA Exosome Restricts DNA Mutational Asymmetry. <i>Cell</i> , 2017, 169, 523-537.e15.	13.5	56
78	<i>SIRT3</i> Overexpression Inhibits Growth of Kidney Tumor Cells and Enhances Mitochondrial Biogenesis. <i>Journal of Proteome Research</i> , 2018, 17, 3143-3152.	1.8	56
79	Glutaredoxin-1 Silencing Induces Cell Senescence via p53/p21/p16 Signaling Axis. <i>Journal of Proteome Research</i> , 2018, 17, 1091-1100.	1.8	54
80	Unconditioned Behavioral Effects of the Powerful $\mu$ -Opioid Hallucinogen Salvinorin A in Nonhuman Primates: Fast Onset and Entry into Cerebrospinal Fluid. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 328, 588-597.	1.3	52
81	Structural Oscillation Revealed in Gold Nanoparticles. <i>Journal of the American Chemical Society</i> , 2020, 142, 12140-12145.	6.6	51
82	Enantioselective and diastereoselective azo-coupling/iminium-cyclizations: a unified strategy for the total syntheses of ( $\beta$ )-psychotriasine and (+)-pestalazine B. <i>Chemical Science</i> , 2015, 6, 3599-3605.	3.7	50
83	Downregulation of HSP60 disrupts mitochondrial proteostasis to promote tumorigenesis and progression in clear cell renal cell carcinoma. <i>Oncotarget</i> , 2016, 7, 38822-38834.	0.8	50
84	Disruption of microtubules in plants suppresses macroautophagy and triggers starch excess-associated chloroplast autophagy. <i>Autophagy</i> , 2015, 11, 2259-2274.	4.3	48
85	Is the kernel “staples match a key” “lock match?”. <i>Chemical Science</i> , 2018, 9, 2437-2442.	3.7	48
86	HSP60-regulated Mitochondrial Proteostasis and Protein Translation Promote Tumor Growth of Ovarian Cancer. <i>Scientific Reports</i> , 2019, 9, 12628.	1.6	48
87	The structural basis of function and regulation of neuronal cotransporters NKCC1 and KCC2. <i>Communications Biology</i> , 2021, 4, 226.	2.0	48
88	Chemical Synthesis of Activity-Based E2 Ubiquitin Probes for the Structural Analysis of E3 Ligase-Catalyzed Transthiolation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17171-17177.	7.2	46
89	HSP60 silencing promotes Warburg-like phenotypes and switches the mitochondrial function from ATP production to biosynthesis in ccRCC cells. <i>Redox Biology</i> , 2019, 24, 101218.	3.9	44
90	Profiling Substrates of Protein Arginine N-Methyltransferase 3 with S-Adenosyl-methionine Analogues. <i>ACS Chemical Biology</i> , 2014, 9, 476-484.	1.6	43

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91	The BAH domain of BAHD1 is a histone H3K27me3 reader. <i>Protein and Cell</i> , 2016, 7, 222-226.	4.8	43
92	Traceless Removal of Two Kernel Atoms in a Gold Nanocluster and Its Impact on Photoluminescence. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8668-8672.	7.2	43
93	Gossypol induces apoptosis in ovarian cancer cells through oxidative stress. <i>Molecular BioSystems</i> , 2013, 9, 1489.	2.9	42
94	Overexpression of CD38 Decreases Cellular NAD Levels and Alters the Expression of Proteins Involved in Energy Metabolism and Antioxidant Defense. <i>Journal of Proteome Research</i> , 2014, 13, 786-795.	1.8	41
95	Site-specific in situ growth of a cyclized protein-polymer conjugate with improved stability and tumor retention. <i>Biomaterials</i> , 2015, 47, 13-19.	5.7	41
96	Development of the Double Cyclic Peptide Ligand for Antibody Purification and Protein Detection. <i>Bioconjugate Chemistry</i> , 2016, 27, 1569-1573.	1.8	41
97	Structural Insight into Serine Protease Rv3671c that Protects <i>M. tuberculosis</i> from Oxidative and Acidic Stress. <i>Structure</i> , 2010, 18, 1353-1363.	1.6	40
98	Identification of Potential Serum Biomarkers for Rheumatoid Arthritis by High-Resolution Quantitative Proteomic Analysis. <i>Inflammation</i> , 2014, 37, 1459-1467.	1.7	39
99	Chemical Synthesis of Diubiquitin-Based Photoaffinity Probes for Selectively Profiling Ubiquitin-Binding Proteins. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2744-2748.	7.2	39
100	Paradoxical Mitophagy Regulation by PINK1 and TUFm. <i>Molecular Cell</i> , 2020, 80, 607-620.e12.	4.5	39
101	Geminiviral V2 Protein Suppresses Transcriptional Gene Silencing through Interaction with AGO4. <i>Journal of Virology</i> , 2019, 93, .	1.5	38
102	H2B Lys34 Ubiquitination Induces Nucleosome Distortion to Stimulate Dot1L Activity. <i>Nature Chemical Biology</i> , 2022, 18, 972-980.	3.9	38
103	Down-regulation of Ras-related Protein Rab 5C-dependent Endocytosis and Glycolysis in Cisplatin-resistant Ovarian Cancer Cell Lines. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3138-3151.	2.5	36
104	Downregulation of vimentin expression increased drug resistance in ovarian cancer cells. <i>Oncotarget</i> , 2016, 7, 45876-45888.	0.8	36
105	COPII mitigates ER stress by promoting formation of ER whorls. <i>Cell Research</i> , 2021, 31, 141-156.	5.7	36
106	DNA Damage Activates TGF- $\beta$ 2 Signaling via ATM-c-Cbl-Mediated Stabilization of the Type II Receptor $\text{T}\beta$ 2RII. <i>Cell Reports</i> , 2019, 28, 735-745.e4.	2.9	34
107	Plasma proteomics-based identification of novel biomarkers in early gastric cancer. <i>Clinical Biochemistry</i> , 2020, 76, 5-10.	0.8	34
108	Enhancing KDM5A and TLR activity improves the response to immune checkpoint blockade. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	34

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109	Acetylation-defective mutants of Ppar <sup>β</sup> are associated with decreased lipid synthesis in breast cancer cells. <i>Oncotarget</i> , 2014, 5, 7303-7315.	0.8	34
110	The <i>Saccharomyces cerevisiae</i> 60 S Ribosome Biogenesis Factor Tif6p Is Regulated by Hrr25p-mediated Phosphorylation. <i>Journal of Biological Chemistry</i> , 2008, 283, 9681-9691.	1.6	33
111	An Unprecedented Kernel Growth Mode and Layer-Number-Dependent Properties in Gold Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 731-734.	7.2	33
112	A Type I-F Anti-CRISPR Protein Inhibits the CRISPR-Cas Surveillance Complex by ADP-Ribosylation. <i>Molecular Cell</i> , 2020, 80, 512-524.e5.	4.5	33
113	Phosphorylation of Mammalian Eukaryotic Translation Initiation Factor 6 and Its <i>Saccharomyces cerevisiae</i> Homologue Tif6p: Evidence that Phosphorylation of Tif6p Regulates Its Nucleocytoplasmic Distribution and Is Required for Yeast Cell Growth. <i>Molecular and Cellular Biology</i> , 2003, 23, 6187-6199.	1.1	32
114	A chemical probe of CARM1 alters epigenetic plasticity against breast cancer cell invasion. <i>ELife</i> , 2019, 8, .	2.8	32
115	Regulation of the Monomer-Dimer Equilibrium in Inducible Nitric-oxide Synthase by Nitric Oxide*. <i>Journal of Biological Chemistry</i> , 2006, 281, 8197-8204.	1.6	31
116	ROS-Mediated 15-Hydroxyprostaglandin Dehydrogenase Degradation via Cysteine Oxidation Promotes NAD <sup>+</sup> -Mediated Epithelial-Mesenchymal Transition. <i>Cell Chemical Biology</i> , 2018, 25, 255-261.e4.	2.5	31
117	SLC22A14 is a mitochondrial riboflavin transporter required for sperm oxidative phosphorylation and male fertility. <i>Cell Reports</i> , 2021, 35, 109025.	2.9	31
118	Complex roles of nicotinamide N-methyltransferase in cancer progression. <i>Cell Death and Disease</i> , 2022, 13, 267.	2.7	31
119	Synthesizing Photoluminescent Au <sub>28</sub> (SCH <sub>2</sub> Ph) <sup>t</sup> Bu <sub>22</sub> Nanoclusters with Structural Features by Using a Combined Method. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17932-17936.	7.2	30
120	Two-Way Alloying and Dealloying of Cadmium in Metalloid Gold Clusters. <i>Inorganic Chemistry</i> , 2019, 58, 5388-5392.	1.9	29
121	Structural insights into the N-terminal GIY <sup>+</sup> YIG endonuclease activity of <i>Arabidopsis</i> glutaredoxin AtGRXS16 in chloroplasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9565-9570.	3.3	28
122	Site-selective in situ growth of fluorescent polymer-antibody conjugates with enhanced antigen detection by signal amplification. <i>Biomaterials</i> , 2015, 64, 2-9.	5.7	28
123	Tenofovir and adefovir down-regulate mitochondrial chaperone TRAP1 and succinate dehydrogenase subunit B to metabolically reprogram glucose metabolism and induce nephrotoxicity. <i>Scientific Reports</i> , 2017, 7, 46344.	1.6	28
124	Noncoding RNA transcription alters chromosomal topology to promote isotype-specific class switch recombination. <i>Science Immunology</i> , 2020, 5, .	5.6	28
125	Identification and validation of differentially expressed proteins in epithelial ovarian cancers using quantitative proteomics. <i>Oncotarget</i> , 2016, 7, 83187-83199.	0.8	28
126	Role for Protein Kinase A in the <i>Neurospora</i> Circadian Clock by Regulating White Collar-Independent frequency Transcription through Phosphorylation of RCM-1. <i>Molecular and Cellular Biology</i> , 2015, 35, 2088-2102.	1.1	27

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127	Acetylation of the Cell-Fate Factor Dachshund Determines p53 Binding and Signaling Modules in Breast Cancer. <i>Oncotarget</i> , 2013, 4, 923-935.	0.8	27
128	Structural insights into the assembly of the 30S ribosomal subunit in vivo: functional role of S5 and location of the 17S rRNA precursor sequence. <i>Protein and Cell</i> , 2014, 5, 394-407.	4.8	26
129	Zoledronate dysregulates fatty acid metabolism in renal tubular epithelial cells to induce nephrotoxicity. <i>Archives of Toxicology</i> , 2018, 92, 469-485.	1.9	26
130	Kernel Homology in Gold Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15450-15454.	7.2	26
131	Simple Î <sup>2</sup> -lactones are potent irreversible antagonists for strigolactone receptors. <i>Cell Research</i> , 2017, 27, 1525-1528.	5.7	24
132	A Silver Nanocluster Containing Interstitial Sulfur and Unprecedented Chemical Bonds. <i>Angewandte Chemie</i> , 2018, 130, 11443-11447.	1.6	24
133	Loss of Spike N370 glycosylation as an important evolutionary event for the enhanced infectivity of SARS-CoV-2. <i>Cell Research</i> , 2022, 32, 315-318.	5.7	24
134	Quantitative Proteomics Reveals Novel Insights into Isoniazid Susceptibility in Mycobacteria Mediated by a Universal Stress Protein. <i>Journal of Proteome Research</i> , 2015, 14, 1445-1454.	1.8	23
135	Phosphatidylethanolamine binding protein 4 (PEBP4) is a secreted protein and has multiple functions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1682-1689.	1.9	23
136	Silencing <i>PRDX3</i> Inhibits Growth and Promotes Invasion and Extracellular Matrix Degradation in Hepatocellular Carcinoma Cells. <i>Journal of Proteome Research</i> , 2016, 15, 1506-1514.	1.8	23
137	Comprehensive Myocardial Proteogenomics Profiling Reveals C/EBPÎ± as the Key Factor in the Lipid Storage of ARVC. <i>Journal of Proteome Research</i> , 2017, 16, 2863-2876.	1.8	23
138	The contribution of chronic intermittent hypoxia to OSAHS: From the perspective of serum extracellular microvesicle proteins. <i>Metabolism: Clinical and Experimental</i> , 2018, 85, 97-108.	1.5	23
139	An E1-Catalyzed Chemoenzymatic Strategy to Isopeptide-N-Ethylated Deubiquitylase-Resistant Ubiquitin Probes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13496-13501.	7.2	23
140	The gain of hydrogen peroxide resistance benefits growth fitness in mycobacteria under stress. <i>Protein and Cell</i> , 2014, 5, 182-185.	4.8	22
141	Decreased NAD Activates STAT3 and Integrin Pathways to Drive Epithelial-Mesenchymal Transition. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 2005-2017.	2.5	22
142	HtrA-mediated selective degradation of DNA uptake apparatus accelerates termination of pneumococcal transformation. <i>Molecular Microbiology</i> , 2019, 112, 1308-1325.	1.2	22
143	Multiple domains of bacterial and human Lon proteases define substrate selectivity. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-18.	3.0	21
144	Chemical Proteomic Profiling of Bromodomains Enables the Wide-Spectrum Evaluation of Bromodomain Inhibitors in Living Cells. <i>Journal of the American Chemical Society</i> , 2019, 141, 11497-11505.	6.6	21

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145	Fission yeast translation initiation factor 3 subunit eIF3h is not essential for global translation initiation, but deletion of <i>eif3h</i> affects spore formation. <i>Yeast</i> , 2008, 25, 809-823.	0.8	20
146	Oxidative Stress Induces Monocyte Necrosis with Enrichment of Cell-Bound Albumin and Overexpression of Endoplasmic Reticulum and Mitochondrial Chaperones. <i>PLoS ONE</i> , 2013, 8, e59610.	1.1	20
147	Hydrogen peroxide mediated mitochondrial UNG1-PRDX3 interaction and UNG1 degradation. <i>Free Radical Biology and Medicine</i> , 2016, 99, 54-62.	1.3	20
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