Dong-Wen Lv

List of Publications by Year
in descending order

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46 papers	2,468 citations	186209 28 h-index	243529 44 g-index
48 all docs	48 docs citations	48 times ranked	3060 citing authors

#	Article	IF	Citations
1	A selective BCL-XL PROTAC degrader achieves safe and potent antitumor activity. Nature Medicine, 2019, 25, 1938-1947.	15.2	348
2	Using proteolysis-targeting chimera technology to reduce navitoclax platelet toxicity and improve its senolytic activity. Nature Communications, 2020, 11, 1996.	5.8	141
3	Phosphoproteome analysis reveals new drought response and defense mechanisms of seedling leaves in bread wheat (Triticum aestivum L.). Journal of Proteomics, 2014, 109, 290-308.	1.2	131
4	Proteome and Phosphoproteome Characterization Reveals New Response and Defense Mechanisms of Brachypodium distachyon Leaves under Salt Stress. Molecular and Cellular Proteomics, 2014, 13, 632-652.	2.5	121
5	Comparative proteomic analysis of salt response proteins in seedling roots of two wheat varieties. Journal of Proteomics, 2012, 75, 1867-1885.	1.2	109
6	Proteome characterization of developing grains in bread wheat cultivars (Triticum aestivum L.). BMC Plant Biology, 2012, 12, 147.	1.6	106
7	Oxidation resistance 1 is a novel senolytic target. Aging Cell, 2018, 17, e12780.	3.0	95
8	An integrative proteome analysis of different seedling organs in tolerant and sensitive wheat cultivars under drought stress and recovery. Proteomics, 2015, 15, 1544-1563.	1.3	87
9	iTRAQ-based quantitative proteome and phosphoprotein characterization reveals the central metabolism changes involved in wheat grain development. BMC Genomics, 2014, 15, 1029.	1.2	84
10	Transcriptome analysis during seed germination of elite Chinese bread wheat cultivar Jimai 20. BMC Plant Biology, 2014, 14, 20.	1.6	82
11	Wheat Drought-Responsive Grain Proteome Analysis by Linear and Nonlinear 2-DE and MALDI-TOF Mass Spectrometry. International Journal of Molecular Sciences, 2012, 13, 16065-16083.	1.8	75
12	Proteolysis targeting chimeras (PROTACs) are emerging therapeutics for hematologic malignancies. Journal of Hematology and Oncology, 2020, 13, 103.	6.9	69
13	iTRAQ-based quantitative proteomic analysis reveals new metabolic pathways of wheat seedling growth under hydrogen peroxide stress. Proteomics, 2013, 13, 3046-3058.	1.3	64
14	DT2216â€"a Bcl-xL-specific degrader is highly active against Bcl-xL-dependent T cell lymphomas. Journal of Hematology and Oncology, 2020, 13, 95.	6.9	64
15	Proteomic and phosphoproteomic analysis reveals the response and defense mechanism in leaves of diploid wheat T. monococcum under salt stress and recovery. Journal of Proteomics, 2016, 143, 93-105.	1.2	61
16	Inhibition of USP7 activity selectively eliminates senescent cells in part via restoration of p53 activity. Aging Cell, 2020, 19, e13117.	3.0	60
17	Hectd3 promotes pathogenic Th17 lineage through Stat3 activation and Malt1 signaling in neuroinflammation. Nature Communications, 2019, 10, 701.	5.8	57
18	Development of a BCL-xL and BCL-2 dual degrader with improved anti-leukemic activity,. Nature Communications, 2021, 12, 6896.	5.8	56

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19	Conserved Herpesvirus Protein Kinases Target SAMHD1 to Facilitate Virus Replication. Cell Reports, 2019, 28, 449-459.e5.	2.9	55
20	Comparative Phosphoproteome Analysis of the Developing Grains in Bread Wheat (Triticum aestivum) Tj ETQq0 0 0 rgBT /Overlock 10 T 4281-4297.	1.8	54
21	Phosphoproteomic Profiling Reveals Epstein-Barr Virus Protein Kinase Integration of DNA Damage Response and Mitotic Signaling. PLoS Pathogens, 2015, 11, e1005346.	2.1	53
22	Interferon regulatory factor 8 regulates caspase-1 expression to facilitate Epstein-Barr virus reactivation in response to B cell receptor stimulation and chemical induction. PLoS Pathogens, 2018, 14, e1006868.	2.1	45
23	Integrative Network Analysis of the Signaling Cascades in Seedling Leaves of Bread Wheat by Large-Scale Phosphoproteomic Profiling. Journal of Proteome Research, 2014, 13, 2381-2395.	1.8	42
24	Integrated Proteome Analysis of the Wheat Embryo and Endosperm Reveals Central Metabolic Changes Involved in the Water Deficit Response during Grain Development. Journal of Agricultural and Food Chemistry, 2015, 63, 8478-8487.	2.4	38
25	Discovery of IAP-recruiting BCL-XL PROTACs as potent degraders across multiple cancer cell lines. European Journal of Medicinal Chemistry, 2020, 199, 112397.	2.6	38
26	Large-scale phosphoproteome analysis in seedling leaves of Brachypodium distachyon L.. BMC Genomics, 2014, 15, 375.	1.2	37
27	Comparative Phosphoproteomic Analysis under High-Nitrogen Fertilizer Reveals Central Phosphoproteins Promoting Wheat Grain Starch and Protein Synthesis. Frontiers in Plant Science, 2017, 8, 67.	1.7	36
28	N-Linked Glycoproteome Profiling of Seedling Leaf in Brachypodium distachyon L.. Journal of Proteome Research, 2015, 14, 1727-1738.	1.8	30
29	Global Analysis of Differentially Expressed Genes and Proteins in the Wheat Callus Infected by Agrobacterium tumefaciens. PLoS ONE, 2013, 8, e79390.	1.1	29
30	Assays and technologies for developing proteolysis targeting chimera degraders. Future Medicinal Chemistry, 2020, 12, 1155-1179.	1.1	29
31	Discovery of a Novel BCL-X_L PROTAC Degrader with Enhanced BCL-2 Inhibition. Journal of Medicinal Chemistry, 2021, 64, 14230-14246.	2.9	28
32	B Cell Receptor Activation and Chemical Induction Trigger Caspase-Mediated Cleavage of PIAS1 to Facilitate Epstein-Barr Virus Reactivation. Cell Reports, 2017, 21, 3445-3457.	2.9	27
33	Integrative proteome analysis of Brachypodium distachyon roots and leaves reveals a synergetic responsive network under H 2 O 2 stress. Journal of Proteomics, 2015, 128, 388-402.	1.2	25
34	High-Throughput Sequencing Reveals H2O2 Stress-Associated MicroRNAs and a Potential Regulatory Network in Brachypodium distachyon Seedlings. Frontiers in Plant Science, 2016, 7, 1567.	1.7	16
35	Fast separation and characterization of water-soluble proteins in wheat grains by reversed-phase ultra performance liquid chromatography (RP-UPLC). Journal of Cereal Science, 2013, 57, 288-294.	1.8	14
36	Molecular characterization of LMW-GS genes in Brachypodium distachyon L. reveals highly conserved Glu-3 loci in Triticum and related species. BMC Plant Biology, 2012, 12, 221.	1.6	11

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37	Cloning, expression, and evolutionary analysis of Î±-gliadin genes from Triticum and Aegilops genomes. Journal of Applied Genetics, 2013, 54, 157-167.	1.0	11
38	Understanding Epstein-Barr Virus Life Cycle with Proteomics: A Temporal Analysis of Ubiquitination During Virus Reactivation. OMICS A Journal of Integrative Biology, 2017, 21, 27-37.	1.0	9
39	Protein inhibitor of activated STAT1 (PIAS1) inhibits IRF8 activation of Epstein-Barr virus lytic gene expression. Virology, 2020, 540, 75-87.	1.1	7
40	Molecular characterisation and evolution of HMW glutenin subunit genes in Brachypodium distachyon L.. Journal of Applied Genetics, 2014, 55, 27-42.	1.0	6
41	The Î±-gliadin genes from Brachypodium distachyon L. provide evidence for a significant gap in the current genome assembly. Functional and Integrative Genomics, 2014, 14, 149-160.	1.4	4
42	DT2216, a BCL-XL Proteolysis Targeting Chimera (PROTAC), Is a Potent Anti T-Cell Lymphoma Agent That Does Not Induce Significant Thrombocytopenia. Blood, 2019, 134, 303-303.	0.6	3
43	Conserved Herpesvirus Protein Kinases Target SAMHD1 to Facilitate Virus Replication. SSRN Electronic Journal, 0, , .	0.4	1
44	DT2216, a Synthetic Proteolytic Selectively Targeting Bcl-XL for Ubiquitination and Degradation in Tumor Cells but Not in Platelets, Is a Safer and More Potent Antitumor Agent Than Navitoclax. Blood, 2018, 132, 2698-2698.	0.6	1
45	Long-Term Clearance of Senescent Cells Prevents the Hematopoietic Stem Cell Aging in Naturally Aged Mice. Blood, 2019, 134, 1204-1204.	0.6	1
46	Applications of capillary electrophoresis for rapidly separating and characterizing water-soluble proteins of wheat grains. Cereal Research Communications, 2013, 41, 601-612.	0.8	0