Dong-Wen Lv

List of Publications by Year in Descending Order

47 papers	1,647 citations	25 h-index	40 g-index
48 ext. papers	2,114 ext. citations	7.4 avg, IF	4.57 L-index

#	Paper	IF	Citations
47	Development of a BCL-xL and BCL-2 dual degrader with improved anti-leukemic activity. *Nature Communications*, **2021**, 12, 6896	17.4	7
46	Discovery of a Novel BCL-X PROTAC Degrader with Enhanced BCL-2 Inhibition. *Journal of Medicinal Chemistry*, **2021**, 64, 14230-14246	8.3	4
45	Assays and technologies for developing proteolysis targeting chimera degraders. *Future Medicinal Chemistry*, **2020**, 12, 1155-1179	4.1	13
44	Discovery of IAP-recruiting BCL-X PROTACs as potent degraders across multiple cancer cell lines. *European Journal of Medicinal Chemistry*, **2020**, 199, 112397	6.8	20
43	Inhibition of USP7 activity selectively eliminates senescent cells in part via restoration of p53 activity. *Aging Cell*, **2020**, 19, e13117	9.9	30
42	Using proteolysis-targeting chimera technology to reduce navitoclax platelet toxicity and improve its senolytic activity. *Nature Communications*, **2020**, 11, 1996	17.4	73
41	Protein inhibitor of activated STAT1 (PIAS1) inhibits IRF8 activation of Epstein-Barr virus lytic gene expression. *Virology*, **2020**, 540, 75-87	3.6	3
40	DT2216-a Bcl-xL-specific degrader is highly active against Bcl-xL-dependent T cell lymphomas. *Journal of Hematology and Oncology*, **2020**, 13, 95	22.4	26
39	Proteolysis targeting chimeras (PROTACs) are emerging therapeutics for hematologic malignancies. *Journal of Hematology and Oncology*, **2020**, 13, 103	22.4	26
38	Hectd3 promotes pathogenic Th17 lineage through Stat3 activation and Malt1 signaling in neuroinflammation. *Nature Communications*, **2019**, 10, 701	17.4	34
37	Conserved Herpesvirus Protein Kinases Target SAMHD1 to Facilitate Virus Replication. *Cell Reports*, **2019**, 28, 449-459.e5	10.6	35
36	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	2.2	1
35	Long-Term Clearance of Senescent Cells Prevents the Hematopoietic Stem Cell Aging in Naturally Aged Mice. *Blood*, **2019**, 134, 1204-1204	2.2	
34	A selective BCL-X PROTAC degrader achieves safe and potent antitumor activity. *Nature Medicine*, **2019**, 25, 1938-1947	50.5	157
33	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	7.6	35
32	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	2.2	
31	Oxidation resistance 1 is a novel senolytic target. *Aging Cell*, **2018**, 17, e12780	9.9	66

30	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	3.8	6
29	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	10.6	19
28	Comparative Phosphoproteomic Analysis under High-Nitrogen Fertilizer Reveals Central Phosphoproteins Promoting Wheat Grain Starch and Protein Synthesis. *Frontiers in Plant Science*, **2017**, 8, 67	6.2	25
27	High-Throughput Sequencing Reveals HO Stress-Associated MicroRNAs and a Potential Regulatory Network in Seedlings. *Frontiers in Plant Science*, **2016**, 7, 1567	6.2	13
26	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	3.9	51
25	Integrative proteome analysis of Brachypodium distachyon roots and leaves reveals a synergetic responsive network under H2O2 stress. *Journal of Proteomics*, **2015**, 128, 388-402	3.9	22
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, 8478-87	5.7	29
23	An integrative proteome analysis of different seedling organs in tolerant and sensitive wheat cultivars under drought stress and recovery. *Proteomics*, **2015**, 15, 1544-63	4.8	69
22	N-linked glycoproteome profiling of seedling leaf in Brachypodium distachyon L. *Journal of Proteome Research*, **2015**, 14, 1727-38	5.6	19
21	Phosphoproteomic Profiling Reveals Epstein-Barr Virus Protein Kinase Integration of DNA Damage Response and Mitotic Signaling. *PLoS Pathogens*, **2015**, 11, e1005346	7.6	40
20	Molecular characterisation and evolution of HMW glutenin subunit genes in Brachypodium distachyon L. *Journal of Applied Genetics*, **2014**, 55, 27-42	2.5	6
19	Comparative phosphoproteome analysis of the developing grains in bread wheat (Triticum aestivum L.) under well-watered and water-deficit conditions. *Journal of Proteome Research*, **2014**, 13, 4281-97	5.6	48
18	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	3.9	110
17	Large-scale phosphoproteome analysis in seedling leaves of Brachypodium distachyon L. *BMC Genomics*, **2014**, 15, 375	4.5	29
16	Integrative network analysis of the signaling cascades in seedling leaves of bread wheat by large-scale phosphoproteomic profiling. *Journal of Proteome Research*, **2014**, 13, 2381-95	5.6	31
15	iTRAQ-based quantitative proteome and phosphoprotein characterization reveals the central metabolism changes involved in wheat grain development. *BMC Genomics*, **2014**, 15, 1029	4.5	68
14	Proteome and phosphoproteome characterization reveals new response and defense mechanisms of Brachypodium distachyon leaves under salt stress. *Molecular and Cellular Proteomics*, **2014**, 13, 632-52	7.6	103
13	Transcriptome analysis during seed germination of elite Chinese bread wheat cultivar Jimai 20. *BMC Plant Biology*, **2014**, 14, 20	5.3	61

12	The Ɛgliadin genes from Brachypodium distachyon L. provide evidence for a significant gap in the current genome assembly. *Functional and Integrative Genomics*, **2014**, 14, 149-60	3.8	4
11	iTRAQ-based quantitative proteomic analysis reveals new metabolic pathways of wheat seedling growth under hydrogen peroxide stress. *Proteomics*, **2013**, 13, 3046-58	4.8	59
10	Cloning, expression, and evolutionary analysis of Ɛgliadin genes from Triticum and Aegilops genomes. *Journal of Applied Genetics*, **2013**, 54, 157-67	2.5	11
9	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	3.8	11
8	Global analysis of differentially expressed genes and proteins in the wheat callus infected by Agrobacterium tumefaciens. *PLoS ONE*, **2013**, 8, e79390	3.7	19
7	Applications of capillary electrophoresis for rapidly separating and characterizing water-soluble proteins of wheat grains. *Cereal Research Communications*, **2013**, 41, 601-612	1.1	
6	Wheat drought-responsive grain proteome analysis by linear and nonlinear 2-DE and MALDI-TOF mass spectrometry. *International Journal of Molecular Sciences*, **2012**, 13, 16065-83	6.3	68
5	Comparative proteomic analysis of salt response proteins in seedling roots of two wheat varieties. *Journal of Proteomics*, **2012**, 75, 1867-85	3.9	98
4	Proteome characterization of developing grains in bread wheat cultivars (Triticum aestivum L.). *BMC Plant Biology*, **2012**, 12, 147	5.3	84
3	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	5.3	11
2	Conserved Herpesvirus Protein Kinases Target SAMHD1 to Facilitate Virus Replication. *SSRN Electronic Journal*,	1	1
1	Conserved Herpesvirus Protein Kinases Target SAMHD1 to Facilitate Virus Replication		1