

# Lingyun Dai

## List of Publications by Year in Descending Order

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**Version:** 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19 papers	593 citations	13 h-index	23 g-index
23 ext. papers	839 ext. citations	13.9 avg, IF	3.73 L-index

#	Paper	IF	Citations
19	A small molecule interacts with pMAC-derived hydroperoxide reductase and enhances the activity of aminoglycosides. <i>Journal of Antibiotics</i> , <b>2021</b> , 74, 324-329	3.7	0
18	Recent advances in proteome-wide label-free target deconvolution for bioactive small molecules. <i>Medicinal Research Reviews</i> , <b>2021</b> , 41, 2893-2926	14.4	1
17	CETSA interaction proteomics define specific RNA-modification pathways as key components of fluorouracil-based cancer drug cytotoxicity. <i>Cell Chemical Biology</i> , <b>2021</b> ,	8.2	1
16	METTL7B Is Required for Cancer Cell Proliferation and Tumorigenesis in Non-Small Cell Lung Cancer. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 178	5.6	18
15	Cellular thermal shift assay for the identification of drug-target interactions in the Plasmodium falciparum proteome. <i>Nature Protocols</i> , <b>2020</b> , 15, 1881-1921	18.8	27
14	Target identification and validation of natural products with label-free methodology: A critical review from 2005 to 2020. <i>Pharmacology &amp; Therapeutics</i> , <b>2020</b> , 216, 107690	13.9	12
13	CETSA in integrated proteomics studies of cellular processes. <i>Current Opinion in Chemical Biology</i> , <b>2020</b> , 54, 54-62	9.7	16
12	Mutational Pattern in Multiple Pulmonary Nodules Are Associated With Early Stage Lung Adenocarcinoma. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 571521	5.3	1
11	Monitoring structural modulation of redox-sensitive proteins in cells with MS-CETSA. <i>Redox Biology</i> , <b>2019</b> , 24, 101168	11.3	23
10	Horizontal Cell Biology: Monitoring Global Changes of Protein Interaction States with the Proteome-Wide Cellular Thermal Shift Assay (CETSA). <i>Annual Review of Biochemistry</i> , <b>2019</b> , 88, 383-408	29.1	39
9	Identifying purine nucleoside phosphorylase as the target of quinine using cellular thermal shift assay. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	81
8	Modulation of Protein-Interaction States through the Cell Cycle. <i>Cell</i> , <b>2018</b> , 173, 1481-1494.e13	56.2	80
7	Thermal proximity coaggregation for system-wide profiling of protein complex dynamics in cells. <i>Science</i> , <b>2018</b> , 359, 1170-1177	33.3	90
6	An efficient proteome-wide strategy for discovery and characterization of cellular nucleotide-protein interactions. <i>PLoS ONE</i> , <b>2018</b> , 13, e0208273	3.7	22
5	Dual blockade of the lipid kinase PIP4Ks and mitotic pathways leads to cancer-selective lethality. <i>Nature Communications</i> , <b>2017</b> , 8, 2200	17.4	46
4	Sources of diversity in T cell epitope discovery. <i>Frontiers in Bioscience - Landmark</i> , <b>2011</b> , 16, 3014-35	2.8	10
3	miR-223 suppresses differentiation of tumor-induced CD11b+ Gr1+ myeloid-derived suppressor cells from bone marrow cells. <i>International Journal of Cancer</i> , <b>2011</b> , 129, 2662-73	7.5	71

2	Antigen presentation by dendritic cells in tumors is disrupted by altered metabolism that involves pyruvate kinase M2 and its interaction with SOCS3. <i>Cancer Research</i> , <b>2010</b> , 70, 89-98	10.1	39
1	LRRC19, a novel member of the leucine-rich repeat protein family, activates NF-kappaB and induces expression of proinflammatory cytokines. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 388, 543-8	3.4	15