

Dongping Lu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,511
citations

471477

17
h-index

580810

25
g-index

25
all docs

25
docs citations

25
times ranked

2956
citing authors

#	ARTICLE	IF	CITATIONS
1	Two protein disulfide isomerase subgroups work synergistically in catalyzing oxidative protein folding. <i>Plant Physiology</i> , 2022, 188, 241-254.	4.8	10
2	The calcium-dependent protein kinase CPK28 is targeted by the ubiquitin ligases ATL31 and ATL6 for proteasome-mediated degradation to fine-tune immune signaling in Arabidopsis. <i>Plant Cell</i> , 2022, 34, 679-697.	6.6	35
3	A receptor-like cytoplasmic kinase PCRK2 undergoes ubiquitination and proteasomal degradation. <i>Biochemical and Biophysical Research Communications</i> , 2022, 587, 113-118.	2.1	2
4	Arabidopsis PDI11 interacts with lectin molecular chaperons calreticulin 1 and 2 through its D domain. <i>Biochemical and Biophysical Research Communications</i> , 2022, 588, 55-60.	2.1	1
5	Identification of N-glycosylation sites on AtERO1 and AtERO2 using a transient expression system. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 481-485.	2.1	3
6	MiR172b-TOE1/2 module regulates plant innate immunity in an age-dependent manner. <i>Biochemical and Biophysical Research Communications</i> , 2020, 531, 503-507.	2.1	10
7	Identification of critical cysteine sites in brassinosteroid-insensitive1 and novel signaling regulators using a transient expression system. <i>New Phytologist</i> , 2019, 222, 1405-1419.	7.3	10
8	AtERO1 and AtERO2 Exhibit Differences in Catalyzing Oxidative Protein Folding in the Endoplasmic Reticulum. <i>Plant Physiology</i> , 2019, 180, 2022-2033.	4.8	25
9	Natural variation in the <i>HAN1</i> gene confers chilling tolerance in rice and allowed adaptation to a temperate climate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3494-3501.	7.1	139
10	Regulation of Arabidopsis brassinosteroid receptor BRI1 endocytosis and degradation by plant U-box PUB12/PUB13-mediated ubiquitination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1906-E1915.	7.1	134
11	Characterization of the oxidative protein folding activity of a unique plant oxidoreductase, Arabidopsis protein disulfide isomerase-11. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1041-1047.	2.1	12
12	Transcriptional Regulation of the Immune Receptor FLS2 Controls the Ontogeny of Plant Innate Immunity. <i>Plant Cell</i> , 2018, 30, 2779-2794.	6.6	59
13	Reconstitution of the plant ubiquitination cascade in bacteria using a synthetic biology approach. <i>Plant Journal</i> , 2017, 91, 766-776.	5.7	35
14	Comparative study of Arabidopsis PBS1 and a wheat PBS1 homolog helps understand the mechanism of PBS1 functioning in innate immunity. <i>Scientific Reports</i> , 2017, 7, 5487.	3.3	32
15	A <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> effector, XopR, associates with receptor-like cytoplasmic kinases and suppresses PAMP-triggered stomatal closure. <i>Science China Life Sciences</i> , 2016, 59, 897-905.	4.9	34
16	The dominant negative ARM domain uncovers multiple functions of PUB13 in Arabidopsis immunity, flowering, and senescence. <i>Journal of Experimental Botany</i> , 2015, 66, 3353-3366.	4.8	76
17	Tyrosine phosphorylation of protein kinase complex BAK1/BIK1 mediates Arabidopsis innate immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3632-3637.	7.1	151
18	Ubiquitination of pattern recognition receptors in plant innate immunity. <i>Molecular Plant Pathology</i> , 2014, 15, 737-746.	4.2	42

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19	Bifurcation of Arabidopsis NLR Immune Signaling via Ca ²⁺ -Dependent Protein Kinases. <i>PLoS Pathogens</i> , 2013, 9, e1003127.	4.7	257
20	Inverse modulation of plant immune and brassinosteroid signaling pathways by the receptor-like cytoplasmic kinase BIK1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12114-12119.	7.1	148
21	Direct Ubiquitination of Pattern Recognition Receptor FLS2 Attenuates Plant Innate Immunity. <i>Science</i> , 2011, 332, 1439-1442.	12.6	510
22	Bacterial Effector HopF2 Suppresses <i>Arabidopsis</i> Innate Immunity at the Plasma Membrane. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 585-593.	2.6	52
23	A receptor-like cytoplasmic kinase, BIK1, associates with a flagellin receptor complex to initiate plant innate immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 496-501.	7.1	701
24	Bacterial effectors target BAK1-associated receptor complexes. <i>Communicative and Integrative Biology</i> , 2010, 3, 80-83.	1.4	11
25	Phosphorylation of receptor-like cytoplasmic kinases by bacterial Flagellin. <i>Plant Signaling and Behavior</i> , 2010, 5, 598-600.	2.4	22