Yiji Xia

List of Publications by Year
in descending order

62 papers	6,926 citations	136950 32 h-index	138484 58 g-index
65 all docs	65 docs citations	65 times ranked	8081 citing authors

#	Article	IF	Citations
1	Growth asymmetry precedes differential auxin response during apical hook initiation in Arabidopsis. Journal of Integrative Plant Biology, 2022, 64, 5-22.	8.5	11
2	Arabidopsis PUB2 and PUB4 connect signaling components of patternâ€triggered immunity. New Phytologist, 2022, 233, 2249-2265.	7.3	17
3	Arabidopsis MAPKK kinases YODA, MAPKKK3, and MAPKKK5 are functionally redundant in development and immunity. Plant Physiology, 2022, 190, 206-210.	4.8	12
4	A novel pathogenicity determinant hijacks maize catalase 1 to enhance viral multiplication and infection. New Phytologist, 2021, 230, 1126-1141.	7.3	34
5	SPAAC-NAD-seq, a sensitive and accurate method to profile NAD ⁺ -capped transcripts. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	26
6	Use of NAD tagSeq II to identify growth phase-dependent alterations in E. coli RNA NAD ⁺ capping. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
7	AtHDA6 functions as an H3K18ac eraser to maintain pericentromeric CHG methylation in Arabidopsis thaliana. Nucleic Acids Research, 2021, 49, 9755-9767.	14.5	6
8	Arabidopsis DXO1 possesses deNADding and exonuclease activities and its mutation affects defenseâ€related and photosynthetic gene expression. Journal of Integrative Plant Biology, 2020, 62, 967-983.	8.5	29
9	New insights into Arabidopsis transcriptome complexity revealed by direct sequencing of native RNAs. Nucleic Acids Research, 2020, 48, 7700-7711.	14.5	57
10	NAD tagSeq for transcriptome-wide identification and characterization of NAD+-capped RNAs. Nature Protocols, 2020, 15, 2813-2836.	12.0	13
11	Emerging Roles of microRNAs in Plant Heavy Metal Tolerance and Homeostasis. Journal of Agricultural and Food Chemistry, 2020, 68, 1958-1965.	5.2	69
12	Analyzing and Predicting Phloem Mobility of Macromolecules with an Online Database. Methods in Molecular Biology, 2019, 2014, 433-438.	0.9	0
13	Redoxâ€sensitive <scp>bZIP</scp>68 plays a role in balancing stress tolerance with growth in Arabidopsis. Plant Journal, 2019, 100, 768-783.	5.7	21
14	NAD ⁺ -capped RNAs are widespread in the Arabidopsis transcriptome and can probably be translated. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12094-12102.	7.1	77
15	NAD tagSeq reveals that NAD ⁺ -capped RNAs are mostly produced from a large number of protein-coding genes in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12072-12077.	7.1	61
16	Redox Proteome Perturbation in Arabidopsis upon Pseudomonas syringae Infection. Journal of Proteomics and Bioinformatics, 2019, 12, .	0.4	0
17	Bisphenol S induced epigenetic and transcriptional changes in human breast cancer cell line MCF-7. Environmental Pollution, 2019, 246, 697-703.	7.5	42
18	Signal motifs-dependent ER export of Qc-SNARE BET12 interacts with MEMB12 and affects PR1 trafficking in Arabidopsis. Journal of Cell Science, 2018, 131, .	2.0	39

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19	The caseinolytic protease complex component CLPC1 in Arabidopsis maintains proteome and RNA homeostasis in chloroplasts. BMC Plant Biology, 2018, 18, 192.	3.6	9
20	EXTRA-LARGE G PROTEINs Interact with E3 Ligases PUB4 and PUB2 and Function in Cytokinin and Developmental Processes. Plant Physiology, 2017, 173, 1235-1246.	4.8	61
21	PlaMoM: a comprehensive database compiles plant mobile macromolecules. Nucleic Acids Research, 2017, 45, D1021-D1028.	14.5	33
22	Prediction of reversible disulfide based on features from local structural signatures. BMC Genomics, 2017, 18, 279.	2.8	42
23	Arabidopsis PARG1 is the key factor promoting cell survival among the enzymes regulating post-translational poly(ADP-ribosyl)ation. Scientific Reports, 2015, 5, 15892.	3.3	23
24	Systemsâ€level quantification of division timing reveals a common genetic architecture controlling asynchrony and fate asymmetry. Molecular Systems Biology, 2015, 11, 814.	7.2	27
25	Two domain-disrupted hda6 alleles have opposite epigenetic effects on transgenes and some endogenous targets. Scientific Reports, 2015, 5, 17832.	3.3	8
26	EXPO and Autophagosomes are Distinct Organelles in Plants. Plant Physiology, 2015, 169, pp.00953.2015.	4.8	43
27	AtDsPTP1 acts as a negative regulator in osmotic stress signalling during Arabidopsis seed germination and seedling establishment. Journal of Experimental Botany, 2015, 66, 1339-1353.	4.8	31
28	Analysis of different strategies adapted by two cassava cultivars in response to drought stress: ensuring survival or continuing growth. Journal of Experimental Botany, 2015, 66, 1477-1488.	4.8	105
29	Proteomic identification of early salicylate- and flg22-responsive redox-sensitive proteins in Arabidopsis. Scientific Reports, 2015, 5, 8625.	3.3	41
30	Reduced ABA Accumulation in the Root System is Caused by ABA Exudation in Upland Rice (Oryza sativa) Tj ETQq0 0 0 rgBT /Overlock 1	3.1	47
31	TheArabidopsisgeneDIG6encodes a large 60S subunit nuclear export GTPase 1 that is involved in ribosome biogenesis and affects multiple auxin-regulated development processes. Journal of Experimental Botany, 2015, 66, 6863-6875.	4.8	21
32	Identification of redoxâ€sensitive cysteines in the Arabidopsis proteome using OxiTRAQ, a quantitative redox proteomics method. Proteomics, 2014, 14, 750-762.	2.2	81
33	Methods for Analysis of Disease Resistance and the Defense Response in Arabidopsis. Methods in Molecular Biology, 2013, 1043, 55-66.	0.9	3
34	Analysis of banana transcriptome and global gene expression profiles in banana roots in response to infection by race 1 and tropical race 4 of Fusarium oxysporum f. sp. cubense. BMC Genomics, 2013, 14, 851.	2.8	112
35	The ammonium/nitrate ratio is an input signal in the temperatureâ€modulated, <scp>SNC</scp>1â€mediated and <scp>EDS</scp>1â€dependent autoimmunity of nudt6â€2Ânudt7. Plant Journal, 2013, 73, 262-275.	5.7	33
36	The Arabidopsis Uâ€“box/<scp>ARM</scp> repeat E3 ligase At<scp>PUB</scp>4 influences growth and degeneration of tapetal cells, and its mutation leads to conditional male sterility. Plant Journal, 2013, 74, 511-523.	5.7	77

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37	Ssk1p-Independent Activation of Ssk2p Plays an Important Role in the Osmotic Stress Response in Saccharomyces cerevisiae: Alternative Activation of Ssk2p in Osmotic Stress. PLoS ONE, 2013, 8, e54867.	2.5	14
38	Proanthocyanidins Inhibit Seed Germination by Maintaining a High Level of Abscisic Acid in Arabidopsis thaliana^F. Journal of Integrative Plant Biology, 2012, 54, 663-673.	8.5	71
39	Proteomic Analysis of Early-Responsive Redox-Sensitive Proteins in Arabidopsis. Journal of Proteome Research, 2012, 11, 412-424.	3.7	69
40	Functional Analysis of Cotton DELLA-Like Genes that are Differentially Regulated during Fiber Development. Plant Molecular Biology Reporter, 2012, 30, 1014-1024.	1.8	3
41	Calmodulin-binding protein CBP60g is a positive regulator of both disease resistance and drought tolerance in Arabidopsis. Plant Cell Reports, 2012, 31, 1269-1281.	5.6	117
42	AtPPR2, an Arabidopsis pentatricopeptide repeat protein, binds to plastid 23S rRNA and plays an important role in the first mitotic division during gametogenesis and in cell proliferation during embryogenesis. Plant Journal, 2011, 67, 13-25.	5.7	47
43	Identification and Verification of Redox-Sensitive Proteins in Arabidopsis thaliana. Methods in Molecular Biology, 2011, 876, 83-94.	0.9	2
44	The Arabidopsis gene SIGMA FACTORâ€BINDING PROTEIN 1 plays a role in the salicylateâ€•and jasmonateâ€•mediated defence responses. Plant, Cell and Environment, 2010, 33, 828-839.	5.7	96
45	Arabidopsis Extra Large G-Protein 2 (XLG2) Interacts with the GÎ² Subunit of Heterotrimeric G Protein and Functions in Disease Resistance. Molecular Plant, 2009, 2, 513-525.	8.3	99
46	The role of AtNUDT7, a Nudix hydrolase, in the plant defense response. Plant Signaling and Behavior, 2008, 3, 119-120.	2.4	31
47	AtNUDT7, a Negative Regulator of Basal Immunity in Arabidopsis, Modulates Two Distinct Defense Response Pathways and Is Involved in Maintaining Redox Homeostasis. Plant Physiology, 2007, 145, 204-215.	4.8	127
48	Unequal Sister Chromatid and Homolog Recombination at a Tandem Duplication of the a1 Locus in Maize. Genetics, 2006, 173, 2211-2226.	2.9	31
49	An Arabidopsis aspartic protease functions as an antiâ€cellâ€death component in reproduction and embryogenesis. EMBO Reports, 2005, 6, 282-288.	4.5	126
50	Proteases in pathogenesis and plant defence. Cellular Microbiology, 2004, 6, 905-913.	2.1	74
51	An extracellular aspartic protease functions in Arabidopsis disease resistance signaling. EMBO Journal, 2004, 23, 980-988.	7.8	311
52	Signals for local and systemic responses of plants to pathogen attack. Journal of Experimental Botany, 2003, 55, 169-179.	4.8	41
53	Chapter Seven Biopanning by activation tagging. Recent Advances in Phytochemistry, 2002, 36, 111-123.	0.5	0
54	Activation Tagging Identifies a Conserved MYB Regulator of Phenylpropanoid Biosynthesis. Plant Cell, 2000, 12, 2383-2393.	6.6	1,310

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55	Activation Tagging Identifies a Conserved MYB Regulator of Phenylpropanoid Biosynthesis. Plant Cell, 2000, 12, 2383.	6.6	145
56	Activation Tagging in Arabidopsis. Plant Physiology, 2000, 122, 1003-1014.	4.8	896
57	Nitric oxide functions as a signal in plant disease resistance. Nature, 1998, 394, 585-588.	27.8	1,686
58	Cloning and Characterization of CER2, an Arabidopsis Gene That Affects Cuticular Wax Accumulation. Plant Cell, 1996, 8, 1291.	6.6	1
59	Cloning and characterization of CER2, an Arabidopsis gene that affects cuticular wax accumulation.. Plant Cell, 1996, 8, 1291-1304.	6.6	108
60	The Role of Meiotic Recombination in Generating Novel Genetic Variability. , 1996, , 103-110.		3
61	Molecular Cloning and Characterization of Genes Involved in Cuticular Wax Biosynthesis. , 1995, , 127-130.		0
62	The relationship between genetic and physical distances in the cloned a1-sh2 interval of the Zea mays L. genome.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 8268-8272.	7.1	184