

# Zhe Liang

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

2,808  
citations

304743

22  
h-index

395702

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

3668  
citing authors

#	ARTICLE	IF	CITATIONS
1	FIONA1 <sup>6</sup> -Mediated m <sup>6</sup> A Modification Regulates the Floral Transition in <i>Arabidopsis</i> . <i>Advanced Science</i> , 2022, 9, e2103628.	11.2	34
2	Genetic and Genomic Approaches for Improved and Sustainable Brown Algal Cultivation. , 2022, , 615-633.		1
3	Transcriptional landscape of rice roots at the single-cell resolution. <i>Molecular Plant</i> , 2021, 14, 384-394.	8.3	131
4	Reorganization of the 3D chromatin architecture of rice genomes during heat stress. <i>BMC Biology</i> , 2021, 19, 53.	3.8	44
5	Allele-defined genome reveals biallelic differentiation during cassava evolution. <i>Molecular Plant</i> , 2021, 14, 851-854.	8.3	20
6	Resequencing of 388 cassava accessions identifies valuable loci and selection for variation in heterozygosity. <i>Genome Biology</i> , 2021, 22, 316.	8.8	15
7	<i>Mesostigma viride</i> Genome and Transcriptome Provide Insights into the Origin and Evolution of Streptophyta. <i>Advanced Science</i> , 2020, 7, 1901850.	11.2	40
8	Comparison of <i>Arachis monticola</i> with Diploid and Cultivated Tetraploid Genomes Reveals Asymmetric Subgenome Evolution and Improvement of Peanut. <i>Advanced Science</i> , 2020, 7, 1901672.	11.2	43
9	Epigenetic Modifications of mRNA and DNA in Plants. <i>Molecular Plant</i> , 2020, 13, 14-30.	8.3	124
10	TOP1 <sup>±</sup> , UPF1, and TTG2 regulate seed size in a parental dosage <sup>±</sup> -dependent manner. <i>PLoS Biology</i> , 2020, 18, e3000930.	5.6	10
11	Transcriptome-Wide Mapping 5-Methylcytosine by m5C RNA Immunoprecipitation Followed by Deep Sequencing in Plant. <i>Methods in Molecular Biology</i> , 2019, 1933, 389-394.	0.9	5
12	Messenger RNA Modifications in Plants. <i>Trends in Plant Science</i> , 2019, 24, 328-341.	8.8	74
13	Whole-Genome Resequencing of a Worldwide Collection of Rapeseed Accessions Reveals the Genetic Basis of Ecotype Divergence. <i>Molecular Plant</i> , 2019, 12, 30-43.	8.3	175
14	Use of the <sup>β</sup> -Glucuronidase (GUS) Reporter System to Localize Promoter Activities of the Endogenous Plant Calpain DEFECTIVE KERNEL1 (DEK1). <i>Methods in Molecular Biology</i> , 2019, 1915, 103-108.	0.9	1
15	DNA N-Adenine Methylation in <i>Arabidopsis thaliana</i> . <i>Developmental Cell</i> , 2018, 45, 406-416.e3.	7.0	196
16	The N6-adenine methylation in yeast genome profiled by single-molecule technology. <i>Journal of Genetics and Genomics</i> , 2018, 45, 223-225.	3.9	21
17	Characterization of Multiple C2 Domain and Transmembrane Region Proteins in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2018, 176, 2119-2132.	4.8	40
18	N6-Methyladenine DNA Methylation in Japonica and Indica Rice Genomes and Its Association with Gene Expression, Plant Development, and Stress Responses. <i>Molecular Plant</i> , 2018, 11, 1492-1508.	8.3	123

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19	Adenine Methylation: New Epigenetic Marker of DNA and mRNA. <i>Molecular Plant</i> , 2018, 11, 1219-1221.	8.3	34
20	N6-Methyladenine DNA Modification in the Human Genome. <i>Molecular Cell</i> , 2018, 71, 306-318.e7.	9.7	439
21	DNA N6-adenine methylation in <i>Arabidopsis thaliana</i> . <i>Mechanisms of Development</i> , 2017, 145, S137-S138.	1.7	6
22	5-Methylcytosine RNA Methylation in <i>Arabidopsis Thaliana</i> . <i>Molecular Plant</i> , 2017, 10, 1387-1399.	8.3	181
23	Dot Blot Analysis of N6-methyladenosine RNA Modification Levels. <i>Bio-protocol</i> , 2017, 7, e2095.	0.4	34
24	Genome-Wide Analysis, Classification, Evolution, and Expression Analysis of the Cytochrome P450 93 Family in Land Plants. <i>PLoS ONE</i> , 2016, 11, e0165020.	2.5	35
25	N6-Methyladenosine RNA Modification Regulates Shoot Stem Cell Fate in <i>Arabidopsis</i> . <i>Developmental Cell</i> , 2016, 38, 186-200.	7.0	281
26	The Evolutionary History of R2R3-MYB Proteins Across 50 Eukaryotes: New Insights Into Subfamily Classification and Expansion. <i>Scientific Reports</i> , 2015, 5, 11037.	3.3	121
27	Dosage Sensitivity of RPL9 and Concerted Evolution of Ribosomal Protein Genes in Plants. <i>Frontiers in Plant Science</i> , 2015, 6, 1102.	3.6	12
28	Genome-Wide Identification, Evolutionary, and Expression Analyses of Histone H3 Variants in Plants. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	14
29	Calpain-Mediated Positional Information Directs Cell Wall Orientation to Sustain Plant Stem Cell Activity, Growth and Development. <i>Plant and Cell Physiology</i> , 2015, 56, 1855-1866.	3.1	20
30	Genome-Wide Identification and Evolutionary and Expression Analyses of MYB-Related Genes in Land Plants. <i>DNA Research</i> , 2013, 20, 437-448.	3.4	129
31	The catalytic domain CysPc of the <sc>DEK</sc>1 calpain is functionally conserved in land plants. <i>Plant Journal</i> , 2013, 75, 742-754.	5.7	27
32	Genome-wide analysis of the MYB transcription factor superfamily in soybean. <i>BMC Plant Biology</i> , 2012, 12, 106.	3.6	339
33	Massive expansion of the calpain gene family in unicellular eukaryotes. <i>BMC Evolutionary Biology</i> , 2012, 12, 193.	3.2	34