

Yun Zhou

List of Publications by Year in descending order

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34
papers

1,388
citations

430874

18
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

1630
citing authors

#	ARTICLE	IF	CITATIONS
1	Orchestration of ethylene and gibberellin signals determines primary root elongation in rice. <i>Plant Cell</i> , 2022, 34, 1273-1288.	6.6	25
2	Wheat breeding history reveals synergistic selection of pleiotropic genomic sites for plant architecture and grain yield. <i>Molecular Plant</i> , 2022, 15, 504-519.	8.3	48
3	COP1 positively regulates ABA signaling during Arabidopsis seedling growth in darkness by mediating ABA-induced ABI5 accumulation. <i>Plant Cell</i> , 2022, 34, 2286-2308.	6.6	17
4	Major episodes of horizontal gene transfer drove the evolution of land plants. <i>Molecular Plant</i> , 2022, 15, 857-871.	8.3	50
5	<scp>BIC</scp> 1 acts as a transcriptional coactivator to promote brassinosteroid signaling and plant growth. <i>EMBO Journal</i> , 2021, 40, e104615.	7.8	20
6	The transcription factor TaLAX1 interacts with Q to antagonistically regulate grain threshability and spike morphogenesis in bread wheat. <i>New Phytologist</i> , 2021, 230, 988-1002.	7.3	17
7	Characterization of <i>PmDGM</i> Conferring Powdery Mildew Resistance in Chinese Wheat Landrace Duanganmang. <i>Plant Disease</i> , 2021, 105, 3127-3133.	1.4	6
8	Introgressing the <i>Aegilops tauschii</i> genome into wheat as a basis for cereal improvement. <i>Nature Plants</i> , 2021, 7, 774-786.	9.3	65
9	Genome-wide association study of grain shapes in <i>Aegilops tauschii</i> . <i>Euphytica</i> , 2021, 217, 1.	1.2	2
10	MIR156-Targeted SPL9 Is Phosphorylated by SnRK2s and Interacts With ABI5 to Enhance ABA Responses in Arabidopsis. <i>Frontiers in Plant Science</i> , 2021, 12, 708573.	3.6	20
11	Nod factor receptor complex phosphorylates GmGEF2 to stimulate ROP signaling during nodulation. <i>Current Biology</i> , 2021, 31, 3538-3550.e5.	3.9	22
12	The blue light receptor CRY1 interacts with GID1 and DELLA proteins to repress gibberellin signaling and plant growth. <i>Plant Communications</i> , 2021, 2, 100245.	7.7	21
13	New insights into the dispersion history and adaptive evolution of taxon <i>Aegilops tauschii</i> in China. <i>Journal of Genetics and Genomics</i> , 2021, , .	3.9	3
14	Molecular Modulation of Root Development by Ethylene. <i>Small Methods</i> , 2020, 4, 1900067.	8.6	3
15	The Ubiquitin-Binding Protein OsDSK2a Mediates Seedling Growth and Salt Responses by Regulating Gibberellin Metabolism in Rice. <i>Plant Cell</i> , 2020, 32, 414-428.	6.6	42
16	Prime editing efficiently generates W542L and S621I double mutations in two ALS genes in maize. <i>Genome Biology</i> , 2020, 21, 257.	8.8	153
17	The Battle to Sequence the Bread Wheat Genome: A Tale of the Three Kingdoms. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 221-229.	6.9	31
18	AGAMOUS-LIKE67 Cooperates with the Histone Mark Reader EBS to Modulate Seed Germination under High Temperature. <i>Plant Physiology</i> , 2020, 184, 529-545.	4.8	21

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19	Are fungi-derived genomic regions related to antagonism towards fungi in mosses?. <i>New Phytologist</i> , 2020, 228, 1169-1175.	7.3	8
20	Transcriptome analysis reveals key genes involved in the regulation of nicotine biosynthesis at early time points after topping in tobacco (<i>Nicotiana tabacum</i> L.). <i>BMC Plant Biology</i> , 2020, 20, 30.	3.6	22
21	Evolutionary strategies drive a balance of the interacting gene products for the <i>CBL</i> and <i>CIPK</i> gene families. <i>New Phytologist</i> , 2020, 226, 1506-1516.	7.3	52
22	Identification of qPHS.sicau-1B and qPHS.sicau-3D from synthetic wheat for pre-harvest sprouting resistance wheat improvement. <i>Molecular Breeding</i> , 2019, 39, 1.	2.1	12
23	Recombination between homoeologous chromosomes induced in durum wheat by the <i>Aegilops speltoides</i> Su1-Ph1 suppressor. <i>Theoretical and Applied Genetics</i> , 2019, 132, 3265-3276.	3.6	8
24	The genome of <i>Populus alba</i> x <i>Populus tremula</i> var. <i>glandulosa</i> clone 84K. <i>DNA Research</i> , 2019, 26, 423-431.	3.4	56
25	A Novel Ternary Vector System United with Morphogenic Genes Enhances CRISPR/Cas Delivery in Maize. <i>Plant Physiology</i> , 2019, 181, 1441-1448.	4.8	53
26	Ascorbic Acid Integrates the Antagonistic Modulation of Ethylene and Abscisic Acid in the Accumulation of Reactive Oxygen Species. <i>Plant Physiology</i> , 2019, 179, 1861-1875.	4.8	88
27	Rice <i>OsDOF15</i> contributes to ethylene-inhibited primary root elongation under salt stress. <i>New Phytologist</i> , 2019, 223, 798-813.	7.3	100
28	Medicago AP2-Domain Transcription Factor <i>WRI5a</i> Is a Master Regulator of Lipid Biosynthesis and Transfer during Mycorrhizal Symbiosis. <i>Molecular Plant</i> , 2018, 11, 1344-1359.	8.3	94
29	Development and Utilization of Introgression Lines Using Synthetic Octaploid Wheat (<i>Aegilops</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	3.6	41
30	A Receptor-Like Kinase Mediates Ammonium Homeostasis and Is Important for the Polar Growth of Root Hairs in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 1497-1511.	6.6	124
31	Hydrogen peroxide modulates abscisic acid signaling in root growth and development in <i>Arabidopsis</i> . <i>Science Bulletin</i> , 2007, 52, 1142-1145.	1.7	17
32	Analysis of Global Expression Profiles of <i>Arabidopsis</i> Genes Under Abscisic Acid and H ₂ O ₂ Applications. <i>Journal of Integrative Plant Biology</i> , 2006, 48, 62-74.	8.5	36
33	Identification and primary genetic analysis of <i>Arabidopsis</i> stomatal mutants in response to multiple stresses. <i>Science Bulletin</i> , 2006, 51, 2586-2594.	1.7	9
34	K ⁺ channels inhibited by hydrogen peroxide mediate abscisic acid signaling in <i>Vicia</i> guard cells. <i>Cell Research</i> , 2001, 11, 195-202.	12.0	99