Yun Zhou

List of Publications by Year
in descending order

34	1,388	430874	377865
papers	citations	18 h-index	34 g-index

36	36	36	1630
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prime editing efficiently generates W542L and S621I double mutations in two ALS genes in maize. Genome Biology, 2020, 21, 257.	8.8	153
2	A Receptor-Like Kinase Mediates Ammonium Homeostasis and Is Important for the Polar Growth of Root Hairs inArabidopsisÂ. Plant Cell, 2014, 26, 1497-1511.	6.6	124
3	Rice Os<scp>DOF</scp>15 contributes to ethyleneâ€inhibited primary root elongation under salt stress. New Phytologist, 2019, 223, 798-813.	7.3	100
4	K+ channels inhibited by hydrogen peroxide mediate abscisic acid signaling in Vicia guard cells. Cell Research, 2001, 11, 195-202.	12.0	99
5	Medicago AP2-Domain Transcription Factor WRI5a Is a Master Regulator of Lipid Biosynthesis and Transfer during Mycorrhizal Symbiosis. Molecular Plant, 2018, 11, 1344-1359.	8.3	94
6	Ascorbic Acid Integrates the Antagonistic Modulation of Ethylene and Abscisic Acid in the Accumulation of Reactive Oxygen Species. Plant Physiology, 2019, 179, 1861-1875.	4.8	88
7	Introgressing the Aegilops tauschii genome into wheat as a basis for cereal improvement. Nature Plants, 2021, 7, 774-786.	9.3	65
8	The genome of Populus alba x Populus tremula var. glandulosa clone 84K. DNA Research, 2019, 26, 423-431.	3.4	56
9	A Novel Ternary Vector System United with Morphogenic Genes Enhances CRISPR/Cas Delivery in Maize. Plant Physiology, 2019, 181, 1441-1448.	4.8	53
10	Evolutionary strategies drive a balance of the interacting gene products for the CBL and CIPK gene families. New Phytologist, 2020, 226, 1506-1516.	7.3	52
11	Major episodes of horizontal gene transfer drove the evolution of land plants. Molecular Plant, 2022, 15, 857-871.	8.3	50
12	Wheat breeding history reveals synergistic selection of pleiotropic genomic sites for plant architecture and grain yield. Molecular Plant, 2022, 15, 504-519.	8.3	48
13	The Ubiquitin-Binding Protein OsDSK2a Mediates Seedling Growth and Salt Responses by Regulating Gibberellin Metabolism in Rice. Plant Cell, 2020, 32, 414-428.	6.6	42
14	Development and Utilization of Introgression Lines Using Synthetic Octaploid Wheat (Aegilops) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	3.6	41
15	Analysis of Global Expression Profiles of Arabidopsis Genes Under Abscisic Acid and H2O2 Applications. Journal of Integrative Plant Biology, 2006, 48, 62-74.	8.5	36
16	The Battle to Sequence the Bread Wheat Genome: A Tale of the Three Kingdoms. Genomics, Proteomics and Bioinformatics, 2020, 18, 221-229.	6.9	31
17	Orchestration of ethylene and gibberellin signals determines primary root elongation in rice. Plant Cell, 2022, 34, 1273-1288.	6.6	25
18	Transcriptome analysis reveals key genes involved in the regulation of nicotine biosynthesis at early time points after topping in tobacco (Nicotiana tabacum L.). BMC Plant Biology, 2020, 20, 30.	3.6	22

#	Article	IF	Citations
19	Nod factor receptor complex phosphorylates GmGEF2 to stimulate ROP signaling during nodulation. Current Biology, 2021, 31, 3538-3550.e5.	3.9	22
20	AGAMOUS-LIKE67 Cooperates with the Histone Mark Reader EBS to Modulate Seed Germination under High Temperature. Plant Physiology, 2020, 184, 529-545.	4.8	21
21	The blue light receptor CRY1 interacts with GID1 and DELLA proteins to repress gibberellin signaling and plant growth. Plant Communications, 2021, 2, 100245.	7.7	21
22	<scp>BIC</scp> 1 acts as a transcriptional coactivator to promote brassinosteroid signaling and plant growth. EMBO Journal, 2021, 40, e104615.	7.8	20
23	MIR156-Targeted SPL9 Is Phosphorylated by SnRK2s and Interacts With ABI5 to Enhance ABA Responses in Arabidopsis. Frontiers in Plant Science, 2021, 12, 708573.	3.6	20
24	Hydrogen peroxide modulates abscisic acid signaling in root growth and development in Arabidopsis. Science Bulletin, 2007, 52, 1142-1145.	1.7	17
25	The transcription factor TaLAX1 interacts with Q to antagonistically regulate grain threshability and spike morphogenesis in bread wheat. New Phytologist, 2021, 230, 988-1002.	7.3	17
26	COP1 positively regulates ABA signaling during Arabidopsis seedling growth in darkness by mediating ABA-induced ABI5 accumulation. Plant Cell, 2022, 34, 2286-2308.	6.6	17
27	Identification of qPHS.sicau-1B and qPHS.sicau-3D from synthetic wheat for pre-harvest sprouting resistance wheat improvement. Molecular Breeding, 2019, 39, 1.	2.1	12
28	Identification and primary genetic analysis of Arabidopsis stomatal mutants in response to multiple stresses. Science Bulletin, 2006, 51, 2586-2594.	1.7	9
29	Recombination between homoeologous chromosomes induced in durum wheat by the Aegilops speltoides Su1-Ph1 suppressor. Theoretical and Applied Genetics, 2019, 132, 3265-3276.	3.6	8
30	Are fungiâ€derived genomic regions related to antagonism towards fungi in mosses?. New Phytologist, 2020, 228, 1169-1175.	7.3	8
31	Characterization of PmDGM Conferring Powdery Mildew Resistance in Chinese Wheat Landrace Duanganmang. Plant Disease, 2021, 105, 3127-3133.	1.4	6
32	Molecular Modulation of Root Development by Ethylene. Small Methods, 2020, 4, 1900067.	8.6	3
33	New insights into the dispersion history and adaptive evolution of taxon Aegilops tauschii in China. Journal of Genetics and Genomics, 2021, , .	3.9	3
34	Genome-wide association study of grain shapes in Aegilops tauschii. Euphytica, 2021, 217, 1.	1.2	2