Yan Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3174723/publications.pdf

Version: 2024-02-01

38 papers	4,836 citations	201674 27 h-index	315739 38 g-index
39 all docs	39 docs citations	39 times ranked	5255 citing authors

#	Article	IF	Citations
1	GmDNAJC7 from Soybean Is Involved in Plant Tolerance to Alkaline-Salt, Salt, and Drought Stresses. Agronomy, 2022, 12, 1419.	3.0	12
2	Identification and characterization of novel QTL conferring internal detoxification of aluminium in soybean. Journal of Experimental Botany, 2021, 72, 4993-5009.	4.8	12
3	Comparative Analyses Reveal Peroxidases Play Important Roles in Soybean Tolerance to Aluminum Toxicity. Agronomy, 2021, 11, 670.	3.0	6
4	Natural variation in the promoter of GsERD15B affects salt tolerance in soybean. Plant Biotechnology Journal, 2021, 19, 1155-1169.	8.3	34
5	Natural variation and selection in GmSWEET39 affect soybean seed oil content. New Phytologist, 2020, 225, 1651-1666.	7.3	73
6	The soybean U-box gene GmPUB6 regulates drought tolerance in Arabidopsis thaliana. Plant Physiology and Biochemistry, 2020, 155, 284-296.	5.8	21
7	Comparative Transcriptome Analysis of Two Contrasting Soybean Varieties in Response to Aluminum Toxicity. International Journal of Molecular Sciences, 2020, 21, 4316.	4.1	16
8	Overexpression of Peroxidase Gene GsPRX9 Confers Salt Tolerance in Soybean. International Journal of Molecular Sciences, 2019, 20, 3745.	4.1	53
9	Dynamic Transcriptome Changes Related to Oil Accumulation in Developing Soybean Seeds. International Journal of Molecular Sciences, 2019, 20, 2202.	4.1	26
10	An efficient Agrobacterium-mediated soybean transformation method using green fluorescent protein as a selectable marker. Plant Signaling and Behavior, 2019, 14, 1612682.	2.4	14
11	Detecting the QTL-Allele System of Seed Oil Traits Using Multi-Locus Genome-Wide Association Analysis for Population Characterization and Optimal Cross Prediction in Soybean. Frontiers in Plant Science, 2018, 9, 1793.	3.6	19
12	An innovative procedure of genome-wide association analysis fits studies on germplasm population and plant breeding. Theoretical and Applied Genetics, 2017, 130, 2327-2343.	3.6	121
13	Optimization of Agrobacterium-Mediated Transformation in Soybean. Frontiers in Plant Science, 2017, 8, 246.	3.6	117
14	Genome-wide characterization of the aldehyde dehydrogenase gene superfamily in soybean and its potential role in drought stress response. BMC Genomics, 2017, 18, 518.	2.8	59
15	Evaluation of Reference Genes for Normalization of Gene Expression Using Quantitative RT-PCR under Aluminum, Cadmium, and Heat Stresses in Soybean. PLoS ONE, 2017, 12, e0168965.	2.5	46
16	Identification and Analysis of NaHCO3 Stress Responsive Genes in Wild Soybean (Glycine soja) Roots by RNA-seq. Frontiers in Plant Science, 2016, 7, 1842.	3.6	31
17	Genome-wide Analysis of Phosphoenolpyruvate Carboxylase Gene Family and Their Response to Abiotic Stresses in Soybean. Scientific Reports, 2016, 6, 38448.	3.3	26
18	Genome-Wide Identification of Soybean U-Box E3 Ubiquitin Ligases and Roles of GmPUB8 in Negative Regulation of Drought Stress Response in Arabidopsis. Plant and Cell Physiology, 2016, 57, 1189-1209.	3.1	101

#	Article	IF	Citations
19	Soybean SPX1 is an important component of the response to phosphate deficiency for phosphorus homeostasis. Plant Science, 2016, 248, 82-91.	3.6	43
20	Genome-wide analysis of MATE transporters and expression patterns of a subgroup of MATE genes in response to aluminum toxicity in soybean. BMC Genomics, 2016, 17, 223.	2.8	112
21	Marker-assisted breeding for transgressive seed protein content in soybean [Glycine max (L.) Merr.]. Theoretical and Applied Genetics, 2015, 128, 1061-1072.	3.6	35
22	Establishment of a 100-seed weight quantitative trait locusâ€“allele matrix of the germplasm population for optimal recombination design in soybean breeding programmes. Journal of Experimental Botany, 2015, 66, 6311-6325.	4.8	91
23	Genetic Variation for Life History Sensitivity to Seasonal Warming inArabidopsis thaliana. Genetics, 2014, 196, 569-577.	2.9	69
24	Constitution of resistance to common cutworm in terms of antibiosis and antixenosis in soybean RIL populations. Euphytica, 2014, 196, 137-154.	1.2	21
25	Overexpression of a Soybean Ariadne-Like Ubiquitin Ligase Gene GmARI1 Enhances Aluminum Tolerance in Arabidopsis. PLoS ONE, 2014, 9, e111120.	2.5	22
26	Genome-wide association study of 107 phenotypes in Arabidopsis thaliana inbred lines. Nature, 2010, 465, 627-631.	27.8	1,651
27	A Coastal Cline in Sodium Accumulation in Arabidopsis thaliana Is Driven by Natural Variation of the Sodium Transporter AtHKT1;1. PLoS Genetics, 2010, 6, e1001193.	3.5	317
28	The Scale of Population Structure in Arabidopsis thaliana. PLoS Genetics, 2010, 6, e1000843.	3.5	338
29	Association mapping of local climate-sensitive quantitative trait loci in Arabidopsis thaliana. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21199-21204.	7.1	278
30	Soybean defense responses to the soybean aphid. New Phytologist, 2008, 179, 185-195.	7.3	121
31	Genetics of Local Adaptation in the Laboratory: Flowering Time Quantitative Trait Loci under Geographic and Seasonal Conditions in Arabidopsis. PLoS ONE, 2006, 1, e105.	2.5	44
32	A Single Dominant Gene for Resistance to the Soybean Aphid in the Soybean Cultivar Dowling. Crop Science, 2006, 46, 1601-1605.	1.8	186
33	Soybean Aphid Resistance in Soybean Jackson Is Controlled by a Single Dominant Gene. Crop Science, 2006, 46, 1606-1608.	1.8	119
34	Soybean aphid resistance genes in the soybean cultivars Dowling and Jackson map to linkage group M. Molecular Breeding, 2006, 19, 25-34.	2.1	124
35	Resistance to the Soybean Aphid in Soybean Germplasm. Crop Science, 2004, 44, 98-106.	1.8	205
36	Resistance of <I>Glycine</I> Species and Various Cultivated Legumes to the Soybean Aphid (Homoptera:) Tj ETQq0 0 0 rgBT /Overlock 1	1.8	59

#	Article	IF	Citations
37	Effect of Three Resistant Soybean Genotypes on the Fecundity, Mortality, and Maturation of Soybean Aphid (Homoptera: Aphididae). Journal of Economic Entomology, 2004, 97, 1106-1111.	1.8	125
38	Resistance to the Soybean Aphid in Soybean Germplasm. Crop Science, 2004, 44, 98.	1.8	89