

# Yan Li

## List of Publications by Year in descending order

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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	Genome-wide association study of 107 phenotypes in <i>Arabidopsis thaliana</i> inbred lines. <i>Nature</i> , 2010, 465, 627-631.	27.8	1,651
2	The Scale of Population Structure in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2010, 6, e1000843.	3.5	338
3	A Coastal Cline in Sodium Accumulation in <i>Arabidopsis thaliana</i> Is Driven by Natural Variation of the Sodium Transporter <i>AtHKT1;1</i> . <i>PLoS Genetics</i> , 2010, 6, e1001193.	3.5	317
4	Association mapping of local climate-sensitive quantitative trait loci in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21199-21204.	7.1	278
5	Resistance to the Soybean Aphid in Soybean Germplasm. <i>Crop Science</i> , 2004, 44, 98-106.	1.8	205
6	A Single Dominant Gene for Resistance to the Soybean Aphid in the Soybean Cultivar Dowling. <i>Crop Science</i> , 2006, 46, 1601-1605.	1.8	186
7	Effect of Three Resistant Soybean Genotypes on the Fecundity, Mortality, and Maturation of Soybean Aphid (Homoptera: Aphididae). <i>Journal of Economic Entomology</i> , 2004, 97, 1106-1111.	1.8	125
8	Soybean aphid resistance genes in the soybean cultivars Dowling and Jackson map to linkage group M. <i>Molecular Breeding</i> , 2006, 19, 25-34.	2.1	124
9	Soybean defense responses to the soybean aphid. <i>New Phytologist</i> , 2008, 179, 185-195.	7.3	121
10	An innovative procedure of genome-wide association analysis fits studies on germplasm population and plant breeding. <i>Theoretical and Applied Genetics</i> , 2017, 130, 2327-2343.	3.6	121
11	Soybean Aphid Resistance in Soybean Jackson Is Controlled by a Single Dominant Gene. <i>Crop Science</i> , 2006, 46, 1606-1608.	1.8	119
12	Optimization of Agrobacterium-Mediated Transformation in Soybean. <i>Frontiers in Plant Science</i> , 2017, 8, 246.	3.6	117
13	Genome-wide analysis of MATE transporters and expression patterns of a subgroup of MATE genes in response to aluminum toxicity in soybean. <i>BMC Genomics</i> , 2016, 17, 223.	2.8	112
14	Genome-Wide Identification of Soybean U-Box E3 Ubiquitin Ligases and Roles of GmPUB8 in Negative Regulation of Drought Stress Response in <i>Arabidopsis</i> . <i>Plant and Cell Physiology</i> , 2016, 57, 1189-1209.	3.1	101
15	Establishment of a 100-seed weight quantitative trait locus "allele matrix of the germplasm population for optimal recombination design in soybean breeding programmes. <i>Journal of Experimental Botany</i> , 2015, 66, 6311-6325.	4.8	91
16	Resistance to the Soybean Aphid in Soybean Germplasm. <i>Crop Science</i> , 2004, 44, 98.	1.8	89
17	Natural variation and selection in <i>GmSWEET39</i> affect soybean seed oil content. <i>New Phytologist</i> , 2020, 225, 1651-1666.	7.3	73
18	Genetic Variation for Life History Sensitivity to Seasonal Warming in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2014, 196, 569-577.	2.9	69

#	ARTICLE	IF	CITATIONS
19	Resistance of <i>Glycine</i> Species and Various Cultivated Legumes to the Soybean Aphid (Homoptera: TJ ETQq <sub>1,1</sub> 0.784314 rgBT (O	1.8	59
20	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
21	Overexpression of Peroxidase Gene GsPRX9 Confers Salt Tolerance in Soybean. International Journal of Molecular Sciences, 2019, 20, 3745.	4.1	53
22	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
23	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
24	Soybean SPX1 is an important component of the response to phosphate deficiency for phosphorus homeostasis. Plant Science, 2016, 248, 82-91.	3.6	43
25	Marker-assisted breeding for transgressive seed protein content in soybean [ <i>Glycine max</i> (L.) Merr.]. Theoretical and Applied Genetics, 2015, 128, 1061-1072.	3.6	35
26	Natural variation in the promoter of <i>GsERD15B</i> affects salt tolerance in soybean. Plant Biotechnology Journal, 2021, 19, 1155-1169.	8.3	34
27	Identification and Analysis of NaHCO <sub>3</sub> Stress Responsive Genes in Wild Soybean ( <i>Glycine soja</i> ) Roots by RNA-seq. Frontiers in Plant Science, 2016, 7, 1842.	3.6	31
28	Genome-wide Analysis of Phosphoenolpyruvate Carboxylase Gene Family and Their Response to Abiotic Stresses in Soybean. Scientific Reports, 2016, 6, 38448.	3.3	26
29	Dynamic Transcriptome Changes Related to Oil Accumulation in Developing Soybean Seeds. International Journal of Molecular Sciences, 2019, 20, 2202.	4.1	26
30	Overexpression of a Soybean Ariadne-Like Ubiquitin Ligase Gene GmARI1 Enhances Aluminum Tolerance in Arabidopsis. PLoS ONE, 2014, 9, e111120.	2.5	22
31	Constitution of resistance to common cutworm in terms of antibiosis and antixenosis in soybean RIL populations. Euphytica, 2014, 196, 137-154.	1.2	21
32	The soybean U-box gene GmPUB6 regulates drought tolerance in Arabidopsis thaliana. Plant Physiology and Biochemistry, 2020, 155, 284-296.	5.8	21
33	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
34	Comparative Transcriptome Analysis of Two Contrasting Soybean Varieties in Response to Aluminum Toxicity. International Journal of Molecular Sciences, 2020, 21, 4316.	4.1	16
35	An efficient <i>Agrobacterium</i>-mediated soybean transformation method using green fluorescent protein as a selectable marker. Plant Signaling and Behavior, 2019, 14, 1612682.	2.4	14
36	Identification and characterization of novel QTL conferring internal detoxification of aluminium in soybean. Journal of Experimental Botany, 2021, 72, 4993-5009.	4.8	12

#	ARTICLE	IF	CITATIONS
37	GmDNAJC7 from Soybean Is Involved in Plant Tolerance to Alkaline-Salt, Salt, and Drought Stresses. <i>Agronomy</i> , 2022, 12, 1419.	3.0	12
38	Comparative Analyses Reveal Peroxidases Play Important Roles in Soybean Tolerance to Aluminum Toxicity. <i>Agronomy</i> , 2021, 11, 670.	3.0	6