

# Wenbin Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8522550/publications.pdf>

Version: 2024-02-01

60  
papers

1,523  
citations

361413

20  
h-index

345221

36  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1491  
citing authors

#	ARTICLE	IF	CITATIONS
1	Domestication footprints anchor genomic regions of agronomic importance in soybeans. <i>New Phytologist</i> , 2016, 209, 871-884.	7.3	152
2	Overexpression of GmERF5, a new member of the soybean EAR motif-containing ERF transcription factor, enhances resistance to <i>Phytophthora sojae</i> in soybean. <i>Journal of Experimental Botany</i> , 2015, 66, 2635-2647.	4.8	121
3	Mapping QTL tolerance to <i>Phytophthora</i> root rot in soybean using microsatellite and RAPD/SCAR derived markers. <i>Euphytica</i> , 2008, 162, 231-239.	1.2	86
4	Races of <i>Phytophthora sojae</i> and Their Virulences on Soybean Cultivars in Heilongjiang, China. <i>Plant Disease</i> , 2010, 94, 87-91.	1.4	75
5	A RAV-like transcription factor controls photosynthesis and senescence in soybean. <i>Planta</i> , 2008, 227, 1389-1399.	3.2	67
6	Stable expression of Arabidopsis vacuolar Na <sup>+</sup> /H <sup>+</sup> antiporter gene AtNHX1, and salt tolerance in transgenic soybean for over six generations. <i>Science Bulletin</i> , 2010, 55, 1127-1134.	1.7	60
7	Isolation and Characterization of a Novel Pathogenesis-Related Protein Gene (GmPRP) with Induced Expression in Soybean ( <i>Glycine max</i> ) during Infection with <i>Phytophthora sojae</i> . <i>PLoS ONE</i> , 2015, 10, e0129932.	2.5	54
8	Identification of QTL underlying soluble pigment content in soybean stems related to resistance to soybean white mold ( <i>Sclerotinia sclerotiorum</i> ). <i>Euphytica</i> , 2010, 172, 49-57.	1.2	53
9	Genome-wide association mapping for seed protein and oil contents using a large panel of soybean accessions. <i>Genomics</i> , 2019, 111, 90-95.	2.9	52
10	Natural variation in <i>Gm</i> GBP1 promoter affects photoperiod control of flowering time and maturity in soybean. <i>Plant Journal</i> , 2018, 96, 147-162.	5.7	45
11	Identification of QTNs Controlling Seed Protein Content in Soybean Using Multi-Locus Genome-Wide Association Studies. <i>Frontiers in Plant Science</i> , 2018, 9, 1690.	3.6	40
12	Identification of Traits Contributing to High and Stable Yields in Different Soybean Varieties Across Three Chinese Latitudes. <i>Frontiers in Plant Science</i> , 2019, 10, 1642.	3.6	39
13	Overexpression of SiDGAT1, a gene encoding acyl-CoA:diacylglycerol acyltransferase from <i>Sesamum indicum</i> L. increases oil content in transgenic Arabidopsis and soybean. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 119, 399-410.	2.3	38
14	SSR- and SNP-related QTL underlying linolenic acid and other fatty acid contents in soybean seeds across multiple environments. <i>Molecular Breeding</i> , 2012, 30, 169-179.	2.1	35
15	Expression of the double-stranded RNA of the soybean pod borer <i>Leguminivora glycinivorella</i> (Lepidoptera: Tortricidae) ribosomal protein P0 gene enhances the resistance of transgenic soybean plants. <i>Pest Management Science</i> , 2017, 73, 2447-2455.	3.4	33
16	Mapping Isoflavone QTL with Main, Epistatic and QTL × Environment Effects in Recombinant Inbred Lines of Soybean. <i>PLoS ONE</i> , 2015, 10, e0118447.	2.5	30
17	Identification of QTL underlying the resistance of soybean to pod borer, <i>Leguminivora glycinivorella</i> (Mats.) obratsov, and correlations with plant, pod and seed traits. <i>Euphytica</i> , 2008, 164, 275.	1.2	28
18	Transgenic expression of ThIPK2 gene in soybean improves stress tolerance, oleic acid content and seed size. <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 111, 277-289.	2.3	26

#	ARTICLE	IF	CITATIONS
19	Quantitative trait loci underlying the development of seed composition in soybean ( <i>Glycine max</i> L.) Tj ETQq1 1 0.784314 rgBJJ/Overl	2.0	25
20	Genome-wide identification and expression analysis of the <i>Gm14-3-3</i> gene family in soybean ( <i>Glycine max</i> ). PeerJ, 2019, 7, e7950.	2.0	25
21	Simultaneous Accumulation of High Contents of .ALPHA.-Tocopherol and Lutein is Possible in Seeds of Soybean ( <i>Glycine max</i> (L.) Merr.). Breeding Science, 2007, 57, 297-304.	1.9	22
22	Roles for a soybean RAV-like orthologue in shoot regeneration and photoperiodicity inferred from transgenic plants. Journal of Experimental Botany, 2012, 63, 3257-3270.	4.8	22
23	Functional conservation and divergence of <i>GmCHL1</i> genes in polyploid soybean. Plant Journal, 2016, 88, 584-596.	5.7	20
24	Linkage Analysis and Multi-Locus Genome-Wide Association Studies Identify QTNs Controlling Soybean Plant Height. Frontiers in Plant Science, 2020, 11, 9.	3.6	20
25	<i>GmRAV1</i> regulates regeneration of roots and adventitious buds by the cytokinin signaling pathway in Arabidopsis and soybean. Physiologia Plantarum, 2019, 165, 814-829.	5.2	19
26	<i>GmRAV</i> confers ecological adaptation through photoperiod control of flowering time and maturity in soybean. Plant Physiology, 2021, 187, 361-377.	4.8	19
27	The promoter of soybean photoreceptor <i>GmPLP1</i> gene enhances gene expression under plant growth regulator and light stresses. Plant Cell, Tissue and Organ Culture, 2013, 114, 109-119.	2.3	17
28	Overexpression of <i>GmGAMYB</i> Accelerates the Transition to Flowering and Increases Plant Height in Soybean. Frontiers in Plant Science, 2021, 12, 667242.	3.6	17
29	Identification of MicroRNAs in Response to Different Day Lengths in Soybean Using High-Throughput Sequencing and qRT-PCR. PLoS ONE, 2015, 10, e0132621.	2.5	16
30	Identification of QTL underlying the filling rate of protein at different developmental stages of soybean seed. Euphytica, 2010, 175, 227-236.	1.2	15
31	Molecular loci associated with seed isoflavone content may underlie resistance to soybean pod borer ( <i>Leguminivora glycinivorella</i> ). Plant Breeding, 2015, 134, 78-84.	1.9	15
32	Identification of genetic loci and candidate genes related to soybean flowering through genome wide association study. BMC Genomics, 2019, 20, 987.	2.8	15
33	Genome-wide association analysis of sucrose concentration in soybean ( <i>Glycine max</i> L.) seed based on high-throughput sequencing. Plant Genome, 2020, 13, e20059.	2.8	15
34	Impact of Soybean Nodulation Phenotypes and Nitrogen Fertilizer Levels on the Rhizosphere Bacterial Community. Frontiers in Microbiology, 2020, 11, 750.	3.5	15
35	Impact of epistasis and QTL-environmental interaction on the oil filling rate of soybean seed at different developmental stages. Euphytica, 2011, 177, 431-442.	1.2	14
36	Functional Analysis of RNA Interference-Related Soybean Pod Borer (Lepidoptera) Genes Based on Transcriptome Sequences. Frontiers in Physiology, 2018, 9, 383.	2.8	14

#	ARTICLE	IF	CITATIONS
37	Genome-wide identification and expression analysis of the <i>VQ</i> gene family in soybean ( <i>Glycine</i> ) Tj ETQq1.1.0.784314 rgBT / 0v	2.0	14
38	Mapping QTLs for protein and oil content in soybean by removing the influence of related traits in a four-way recombinant inbred line population. <i>Journal of Agricultural Science</i> , 2019, 157, 659-675.	1.3	14
39	Overexpression of Soybean GmWRI1a Stably Increases the Seed Oil Content in Soybean. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5084.	4.1	12
40	Overexpressing <i>Sesamum indicum</i> L.'s DGAT1 increases the seed oil content of transgenic soybean. <i>Molecular Breeding</i> , 2019, 39, 1.	2.1	11
41	Growth Repressor GmRAV Binds to the GmGA3ox Promoter to Negatively Regulate Plant Height Development in Soybean. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1721.	4.1	11
42	Transgenic soybean plants expressing <i>Spb18S</i> dsRNA exhibit enhanced resistance to the soybean pod borer <i>Leguminivora glycinivorella</i> (Lepidoptera: Olethreutidae). <i>Archives of Insect Biochemistry and Physiology</i> , 2018, 98, e21461.	1.5	10
43	RNA interference-mediated silencing of genes involved in the immune responses of the soybean pod borer <i>Leguminivora glycinivorella</i> (Lepidoptera: Olethreutidae). <i>PeerJ</i> , 2018, 6, e4931.	2.0	10
44	QTL underlying developmental behaviour of 100 seed weight of soybean. <i>Plant Breeding</i> , 2012, 131, 600-606.	1.9	9
45	Identification of QTL underlying mass filling rate at different developmental stages of soybean seed. <i>Euphytica</i> , 2013, 189, 249-260.	1.2	9
46	Quantitative trait loci with additive and epistatic effects underlying resistance to two HG types of soybean cyst nematode. <i>Plant Breeding</i> , 2017, 136, 720-727.	1.9	8
47	Identification of loci and candidate genes for plant height in soybean ( <i>Glycine max</i> ) via genome-wide association study. <i>Plant Breeding</i> , 2019, 138, 721-732.	1.9	8
48	GmFULc Is Induced by Short Days in Soybean and May Accelerate Flowering in Transgenic <i>Arabidopsis thaliana</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 10333.	4.1	7
49	Dynamic quantitative trait loci underlies isoflavone accumulation in soybean seed. <i>Plant Breeding</i> , 2016, 135, 335-341.	1.9	6
50	Synthesis and Application of Nanomagnetic Immobilized Phospholipase C. <i>Journal of Chemistry</i> , 2019, 2019, 1-9.	1.9	6
51	The bio-mitigation of acetochlor in soil using <i>Rhodopseudomonas capsulata</i> in effluent after wastewater treatment. <i>Journal of Soils and Sediments</i> , 2019, 19, 2927-2933.	3.0	6
52	Identification of major QTLs associated with agronomical traits and candidate gene mining in soybean. <i>Biotechnology and Biotechnological Equipment</i> , 2019, 33, 1481-1493.	1.3	5
53	Identification of QTL underlying the oil filling rate at different developmental stages of soybean seed. <i>Euphytica</i> , 2010, 176, 391-402.	1.2	4
54	The soybean GmNFY-B1 transcription factor positively regulates flowering in transgenic <i>Arabidopsis</i> . <i>Molecular Biology Reports</i> , 2021, 48, 1589-1599.	2.3	4

#	ARTICLE	IF	CITATIONS
55	Functional analysis of the GmESR1 gene associated with soybean regeneration. PLoS ONE, 2017, 12, e0175656.	2.5	3
56	A novel adsorbent obtained by caging activated carbon by konjac glucomannan gel for elimination of organic compounds. Journal of Applied Polymer Science, 2014, 131, .	2.6	2
57	Preparation and characterization of Ni@Agx/SBA@15 and its catalytic properties on the hydrogenation of soybean oil. Journal of Food Process Engineering, 2018, 41, e12926.	2.9	2
58	GmIDD Is Induced by Short Days in Soybean and May Accelerate Flowering When Overexpressed in Arabidopsis via Inhibiting AGAMOUS-LIKE 18. Frontiers in Plant Science, 2021, 12, 629069.	3.6	2
59	Analysis of embryo, cytoplasm and maternal effects on fatty acid components in soybean (Glycine max) Tj ETQq1 1,0,784314 rgBT /Ove	0.2	1
60	Editorial Expression of Concern: The bio-mitigation of acetochlor in soil using Rhodopseudomonas capsulata in effluent after wastewater treatment. Journal of Soils and Sediments, 2021, 21, 1905-1905.	3.0	0