

# Li Song

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7617353/publications.pdf>

Version: 2024-02-01

26  
papers

1,380  
citations

567144

15  
h-index

552653

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2025  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soybean ( <i>Glycine max</i> ) SWEET gene family: insights through comparative genomics, transcriptome profiling and whole genome re-sequence analysis. <i>BMC Genomics</i> , 2015, 16, 520.	1.2	173
2	Understanding abiotic stress tolerance mechanisms in soybean: A comparative evaluation of soybean response to drought and flooding stress. <i>Plant Physiology and Biochemistry</i> , 2015, 86, 109-120.	2.8	156
3	Landscape of genomic diversity and trait discovery in soybean. <i>Scientific Reports</i> , 2016, 6, 23598.	1.6	151
4	Genetic diversity and genomic strategies for improving drought and waterlogging tolerance in soybeans. <i>Journal of Experimental Botany</i> , 2017, 68, erw433.	2.4	118
5	Identification and Comparative Analysis of Differential Gene Expression in Soybean Leaf Tissue under Drought and Flooding Stress Revealed by RNA-Seq. <i>Frontiers in Plant Science</i> , 2016, 7, 1044.	1.7	116
6	Genome-wide transcriptome analysis of soybean primary root under varying water-deficit conditions. <i>BMC Genomics</i> , 2016, 17, 57.	1.2	99
7	Genomic-assisted phylogenetic analysis and marker development for next generation soybean cyst nematode resistance breeding. <i>Plant Science</i> , 2016, 242, 342-350.	1.7	78
8	Drought Stress Causes a Reduction in the Biosynthesis of Ascorbic Acid in Soybean Plants. <i>Frontiers in Plant Science</i> , 2017, 8, 1042.	1.7	75
9	Genetic variants in root architecture-related genes in a <i>Glycine soja</i> accession, a potential resource to improve cultivated soybean. <i>BMC Genomics</i> , 2015, 16, 132.	1.2	67
10	Brassinosteroids Regulate the Differential Growth of <i>Arabidopsis</i> Hypocotyls through Auxin Signaling Components IAA19 and ARF7. <i>Molecular Plant</i> , 2013, 6, 887-904.	3.9	63
11	A major natural genetic variation associated with root system architecture and plasticity improves waterlogging tolerance and yield in soybean. <i>Plant, Cell and Environment</i> , 2018, 41, 2169-2182.	2.8	47
12	Characterization of the XTH Gene Family: New Insight to the Roles in Soybean Flooding Tolerance. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2705.	1.8	47
13	Comparative selective signature analysis and high-resolution GWAS reveal a new candidate gene controlling seed weight in soybean. <i>Theoretical and Applied Genetics</i> , 2021, 134, 1329-1341.	1.8	32
14	Soybean TIP Gene Family Analysis and Characterization of GmTIP1;5 and GmTIP2;5 Water Transport Activity. <i>Frontiers in Plant Science</i> , 2016, 7, 1564.	1.7	30
15	<i>Salmonella</i> Coiled-Coil- and TIR-Containing Tcps Evades the Innate Immune System and Subdues Inflammation. <i>Cell Reports</i> , 2019, 28, 804-818.e7.	2.9	17
16	Application of Digital PCR in the Analysis of Transgenic Soybean Plants. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2016, 07, 403-417.	0.3	17
17	Analysis of Whole Transcriptome RNA-seq Data Reveals Many Alternative Splicing Events in Soybean Roots under Drought Stress Conditions. <i>Genes</i> , 2020, 11, 1520.	1.0	15
18	High-throughput sequencing clarifies the spatial structures of microbial communities in cadmium-polluted rice soils. <i>Environmental Science and Pollution Research</i> , 2021, 28, 47086-47098.	2.7	13

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19	Characterization and comparison of the bacterial communities of rhizosphere and bulk soils from cadmium-polluted wheat fields. <i>PeerJ</i> , 2020, 8, e10302.	0.9	13
20	Genome-wide transcriptional profiling for elucidating the effects of brassinosteroids on <i>Glycine max</i> during early vegetative development. <i>Scientific Reports</i> , 2019, 9, 16085.	1.6	12
21	Identification and characterization of novel QTL conferring internal detoxification of aluminium in soybean. <i>Journal of Experimental Botany</i> , 2021, 72, 4993-5009.	2.4	12
22	GmBZL3 acts as a major BR signaling regulator through crosstalk with multiple pathways in <i>Glycine max</i> . <i>BMC Plant Biology</i> , 2019, 19, 86.	1.6	10
23	Genetic characterization of qSCN10 from an exotic soybean accession PI 567516C reveals a novel source conferring broad-spectrum resistance to soybean cyst nematode. <i>Theoretical and Applied Genetics</i> , 2021, 134, 859-874.	1.8	10
24	The optimized fusion protein HA1-2-FliC <sup>+</sup> D2D3 promotes mixed Th1/Th2 immune responses to influenza H7N9 with low induction of systemic proinflammatory cytokines in mice. <i>Antiviral Research</i> , 2019, 161, 10-19.	1.9	5
25	Genome-wide analysis of the soybean root transcriptome reveals the impact of nitrate on alternative splicing. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	0.8	3
26	Physiological and transcriptomic response of soybean seedling roots to variable nitrate levels. <i>Agronomy Journal</i> , 2021, 113, 3639-3652.	0.9	1