Xia1 Li

List of Publications by Year
in descending order

49 papers	2,109 citations	218677 26 h-index	254184 43 g-index
49 all docs	49 docs citations	49 times ranked	2939 citing authors

#	Article	IF	Citations
1	Stepwise selection on homeologous PRR genes controlling flowering and maturity during soybean domestication. Nature Genetics, 2020, 52, 428-436.	21.4	229
2	Variation in rhizosphere microbial communities and its association with the symbiotic efficiency of rhizobia in soybean. ISME Journal, 2020, 14, 1915-1928.	9.8	154
3	CRISPR/Cas9-mediated targeted mutagenesis of GmSPL9 genes alters plant architecture in soybean. BMC Plant Biology, 2019, 19, 131.	3.6	119
4	ABA signalling is fine-tuned by antagonistic HAB1 variants. Nature Communications, 2015, 6, 8138.	12.8	95
5	The Arabidopsis RCC1 Family Protein TCF1 Regulates Freezing Tolerance and Cold Acclimation through Modulating Lignin Biosynthesis. PLoS Genetics, 2015, 11, e1005471.	3.5	92
6	SCFAtPP2-B11 modulates ABA signaling by facilitating SnRK2.3 degradation in Arabidopsis thaliana. PLoS Genetics, 2017, 13, e1006947.	3.5	90
7	Genetic improvement of the shoot architecture and yield in soya bean plants via the manipulation of GmmiR156b. Plant Biotechnology Journal, 2019, 17, 50-62.	8.3	78
8	The essence of NAC gene family to the cultivation of drought-resistant soybean (Glycine max L. Merr.) cultivars. BMC Plant Biology, 2017, 17, 55.	3.6	74
9	Roles of the Brassica napus DELLA Protein BnaA6.RGA, in Modulating Drought Tolerance by Interacting With the ABA Signaling Component BnaA10.ABF2. Frontiers in Plant Science, 2020, 11, 577.	3.6	66
10	GmTIR1/GmAFB3â€based auxin perception regulated by miR393 modulates soybean nodulation. New Phytologist, 2017, 215, 672-686.	7.3	65
11	Counteraction of ABA-Mediated Inhibition of Seed Germination and Seedling Establishment by ABA Signaling Terminator in Arabidopsis. Molecular Plant, 2020, 13, 1284-1297.	8.3	63
12	Genome-Wide Small RNA Analysis of Soybean Reveals Auxin-Responsive microRNAs that are Differentially Expressed in Response to Salt Stress in Root Apex. Frontiers in Plant Science, 2015, 6, 1273.	3.6	57
13	A GmNINa-miR172c-NNC1 Regulatory Network Coordinates the Nodulation and Autoregulation ofÂNodulation Pathways in Soybean. Molecular Plant, 2019, 12, 1211-1226.	8.3	54
14	An <scp>A</scp>rabidopsis homolog of importin Î²1 is required for <scp>ABA</scp> response and drought tolerance. Plant Journal, 2013, 75, 377-389.	5.7	53
15	Development and Validation of an Effective CRISPR/Cas9 Vector for Efficiently Isolating Positive Transformants and Transgene-Free Mutants in a Wide Range of Plant Species. Frontiers in Plant Science, 2018, 9, 1533.	3.6	52
16	Into the Seed: Auxin Controls Seed Development and Grain Yield. International Journal of Molecular Sciences, 2020, 21, 1662.	4.1	50
17	GmYUC2a mediates auxin biosynthesis during root development and nodulation in soybean. Journal of Experimental Botany, 2019, 70, 3165-3176.	4.8	49
18	A Lipid Droplet-Associated GFP Reporter-Based Screen Identifies New Fat Storage Regulators in C. elegans. Journal of Genetics and Genomics, 2014, 41, 305-313.	3.9	41

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19	The miR172c-NNC1 module modulates root plastic development in response to salt in soybean. BMC Plant Biology, 2017, 17, 229.	3.6	37
20	Isorhamnetin suppresses PANC-1 pancreatic cancer cell proliferation through S phase arrest. Biomedicine and Pharmacotherapy, 2018, 108, 925-933.	5.6	37
21	GAI Functions in the Plant Response to Dehydration Stress in Arabidopsis thaliana. International Journal of Molecular Sciences, 2020, 21, 819.	4.1	37
22	Quantitative trait loci analysis of seed oil content and composition of wild and cultivated soybean. BMC Plant Biology, 2020, 20, 51.	3.6	36
23	Computational identification and analysis of immune-associated nucleotide gene family in Arabidopsis thaliana. Journal of Plant Physiology, 2008, 165, 777-787.	3.5	35
24	The Wheat GT Factor TaGT2L1D Negatively Regulates Drought Tolerance and Plant Development. Scientific Reports, 2016, 6, 27042.	3.3	33
25	Bioengineering mint crop improvement. Plant Cell, Tissue and Organ Culture, 2001, 64, 133-144.	2.3	32
26	Title is missing!. Molecular Breeding, 2001, 8, 109-118.	2.1	28
27	SUMO E3 Ligases GmSIZ1a and GmSIZ1b regulate vegetative growth in soybean. Journal of Integrative Plant Biology, 2017, 59, 2-14.	8.5	28
28	RUG3 and ATM synergistically regulate the alternative splicing of mitochondrial nad2 and the DNA damage response in Arabidopsis thaliana. Scientific Reports, 2017, 7, 43897.	3.3	27
29	The RCC 1 family protein SAB 1 negatively regulates ABI 5 through multidimensional mechanisms during postgermination in Arabidopsis. New Phytologist, 2019, 222, 907-922.	7.3	26
30	IAN/GIMAPs are conserved and novel regulators in vertebrates and angiosperm plants. Plant Signaling and Behavior, 2009, 4, 165-167.	2.4	25
31	miR172b Controls the Transition to Autotrophic Development Inhibited by ABA in Arabidopsis. PLoS ONE, 2013, 8, e64770.	2.5	25
32	H2O2 regulates root system architecture by modulating the polar transport and redistribution of auxin. Journal of Plant Biology, 2016, 59, 260-270.	2.1	22
33	GmBEHL1, a BES1/BZR1 family protein, negatively regulates soybean nodulation. Scientific Reports, 2018, 8, 7614.	3.3	22
34	Genome-wide identification and evolutionary analysis of TGA transcription factors in soybean. Scientific Reports, 2019, 9, 11186.	3.3	20
35	Rapid isolation and functional analysis of promoter sequences of the nitrate reductase gene from Chlorella ellipsoidea. Journal of Applied Phycology, 2004, 16, 11-16.	2.8	19
36	Phosphatidylserine synthase regulates cellular homeostasis through distinct metabolic mechanisms. PLoS Genetics, 2019, 15, e1008548.	3.5	19

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37	RBM25 Mediates Abiotic Responses in Plants. Frontiers in Plant Science, 2017, 8, 292.	3.6	16
38	Efficient plant regeneration of native spearmint (Mentha spicata L.). In Vitro Cellular and Developmental Biology - Plant, 1999, 35, 333-338.	2.1	13
39	MRT, Functioning with NURF Complex, Regulates Lipid Droplet Size. Cell Reports, 2018, 24, 2972-2984.	6.4	13
40	The C. elegans COE transcription factor UNC-3 activates lineage-specific apoptosis and affects neurite growth in the RID lineage. Development (Cambridge), 2015, 142, 1447-57.	2.5	12
41	Isolation and characterization of shs1, a sugar-hypersensitive and ABA-insensitive mutant with multiple stress responses. Plant Molecular Biology, 2007, 65, 295-309.	3.9	10
42	Highly efficient in vitro adventitious shoot regeneration of peppermint (Mentha x piperita L.) using internodal explants. In Vitro Cellular and Developmental Biology - Plant, 2009, 45, 435-440.	2.1	10
43	Coptisine suppresses proliferation and inhibits metastasis in human pancreatic cancer PANC-1 cells. Journal of Asian Natural Products Research, 2020, 22, 452-463.	1.4	10
44	The NMN Module Conducts Nodule Number Orchestra. IScience, 2020, 23, 100825.	4.1	9
45	Bacteria metabolites from Peganum harmala L. polysaccharides inhibits polyQ aggregation through proteasome-mediated protein degradation in C. elegans. International Journal of Biological Macromolecules, 2020, 161, 681-691.	7.5	7
46	An RDHâ€Plin2 axis modulates lipid droplet size by antagonizing Bmm lipase. EMBO Reports, 2022, 23, e52669.	4.5	7
47	RUG3 is a negative regulator of plant responses to ABA in Arabidopsis thaliana. Plant Signaling and Behavior, 2017, 12, e1333217.	2.4	6
48	Harmine suppresses hyper-activated Rasâ€“MAPK pathway by selectively targeting oncogenic mutated Ras/Raf in Caenorhabditis elegans. Cancer Cell International, 2019, 19, 159.	4.1	5
49	Lipid storage regulator CdsA is essential for Drosophila metamorphosis. Journal of Genetics and Genomics, 2019, 46, 231-234.	3.9	2