Li-xi Jiang

List of Publications by Year
in descending order

49 papers	1,836 citations	257450 24 h-index	276875 41 g-index
49 all docs	49 docs citations	49 times ranked	2283 citing authors

#	Article	IF	Citations
1	The genome and gene editing system of sea barleygrass provideÂa novel platform for cereal domestication and stress tolerance studies. Plant Communications, 2022, 3, 100333.	7.7	8
2	Construction of a worldwide core collection of rapeseed and association analysis for waterlogging tolerance. Plant Growth Regulation, 2022, 98, 321-328.	3.4	5
3	Creation of maleâ€sterile lines that can be restored to fertility by exogenous methyl jasmonate for the establishment of a twoâ€line system for the hybrid production of rice (<i>Oryza sativa</i> L.). Plant Biotechnology Journal, 2021, 19, 365-374.	8.3	17
4	BnaGVD: A Genomic Variation Database of Rapeseed (Brassica napus). Plant and Cell Physiology, 2021, 62, 378-383.	3.1	9
5	Modelling of gene loss propensity in the pangenomes of three <i>Brassica</i> species suggests different mechanisms between polyploids and diploids. Plant Biotechnology Journal, 2021, 19, 2488-2500.	8.3	44
6	Genome-wide association study reveals a patatin-like lipase relating to the reduction of seed oil content in Brassica napus. BMC Plant Biology, 2021, 21, 6.	3.6	11
7	Prediction of heterosis in the recent rapeseed (Brassica napus) polyploid by pairing parental nucleotide sequences. PLoS Genetics, 2021, 17, e1009879.	3.5	8
8	Evolutionary Analysis of the YABBY Gene Family in Brassicaceae. Plants, 2021, 10, 2700.	3.5	3
9	The HKT Transporter HvHKT1;5 Negatively Regulates Salt Tolerance. Plant Physiology, 2020, 182, 584-596.	4.8	57
10	Genomeâ€wide association study reveals new genes involved in leaf trichome formation in polyploid oilseed rape (<scp><i>Brassica napus</i></scp> L.). Plant, Cell and Environment, 2020, 43, 675-691.	5.7	28
11	Genome-wide identification, phylogenetic and expression pattern analysis of GATA family genes in Brassica napus. BMC Plant Biology, 2020, 20, 543.	3.6	32
12	BnaSNPDB: An interactive web portal for the efficient retrieval and analysis of SNPs among 1,007 rapeseed accessions. Computational and Structural Biotechnology Journal, 2020, 18, 2766-2773.	4.1	10
13	Effects of waterlogging stress on early seedling development and transcriptomic responses in Brassica napus. Molecular Breeding, 2020, 40, 1.	2.1	16
14	Melatonin Represses Oil and Anthocyanin Accumulation in Seeds. Plant Physiology, 2020, 183, 898-914.	4.8	25
15	SHAGGY-like kinase 12 regulates flowering through mediating CONSTANS stability in <i>Arabidopsis</i>. Science Advances, 2020, 6, eaaw0413.	10.3	34
16	Elevating seed oil content in a polyploid crop by induced mutations in <i>SEED FATTY ACID REDUCER</i> genes. Plant Biotechnology Journal, 2020, 18, 2251-2266.	8.3	77
17	Effect of germination potential on storage lipids and transcriptome changes in premature developing seeds of oilseed rape (Brassica napus L.). Theoretical and Applied Genetics, 2020, 133, 2839-2852.	3.6	5
18	Genome-wide identification and characterization of SnRK family genes in Brassica napus. BMC Plant Biology, 2020, 20, 287.	3.6	14

#	Article	IF	Citations
19	Effects of 5-aminolevulinic Acid on the Bioactive Compounds and Seedling Growth of Oilseed Rape (Brassica napus L.). Journal of Plant Biology, 2019, 62, 181-194.	2.1	7
20	Whole-Genome Resequencing of a Worldwide Collection of Rapeseed Accessions Reveals the Genetic Basis of Ecotype Divergence. Molecular Plant, 2019, 12, 30-43.	8.3	175
21	<i>Arabidopsis thaliana NOP10</i> is required for gametophyte formation. Journal of Integrative Plant Biology, 2018, 60, 723-736.	8.5	9
22	Role of jasmonic acid in improving tolerance of rapeseed (Brassica napus L.) to Cd toxicity. Journal of Zhejiang University: Science B, 2018, 19, 130-146.	2.8	71
23	Effect of high night temperature on storage lipids and transcriptome changes in developing seeds of oilseed rape. Journal of Experimental Botany, 2018, 69, 1721-1733.	4.8	30
24	Ionomic, metabolomic and proteomic analyses reveal molecular mechanisms of root adaption to salt stress in Tibetan wild barley. Plant Physiology and Biochemistry, 2018, 123, 319-330.	5.8	55
25	Overexpression of the Tibetan Plateau annual wild barley (Hordeum spontaneum) HsCIPKs enhances rice tolerance to heavy metal toxicities and other abiotic stresses. Rice, 2018, 11, 51.	4.0	37
26	<i>TRANSPARENT TESTA 4</i>â€mediated flavonoids negatively affect embryonic fatty acid biosynthesis in <i>Arabidopsis</i>. Plant, Cell and Environment, 2018, 41, 2773-2790.	5.7	26
27	Elucidating the physiological and biochemical responses of different tobacco (<i>Nicotiana) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	4.3	14
28	cDNA-Amplified fragment length polymorphism analysis reveals differential gene expression induced by exogenous MeJA and GA3 in oilseed rape (Brassica napus L.) flowers. Journal of Integrative Agriculture, 2017, 16, 47-56.	3.5	2
29	Identification of candidate genes involved in fatty acids degradation at the late maturity stage in Brassica napus based on transcriptomic analysis. Plant Growth Regulation, 2017, 83, 385-396.	3.4	8
30	Allelic Variation of BnaC.TT2.a and Its Association with Seed Coat Color and Fatty Acids in Rapeseed (Brassica napus L.). PLoS ONE, 2016, 11, e0146661.	2.5	20
31	Characterization of Salinity Tolerance of Transgenic Rice Lines Harboring HsCBL8 of Wild Barley (Hordeum spontanum) Line from Qinghai-Tibet Plateau. Frontiers in Plant Science, 2016, 7, 1678.	3.6	25
32	Multi-omics analysis reveals molecular mechanisms of shoot adaption to salt stress in Tibetan wild barley. BMC Genomics, 2016, 17, 889.	2.8	68
33	Comparison on the carbohydrate metabolic enzyme activities and their gene expression patterns in canola differing seed oil content. Plant Growth Regulation, 2016, 78, 357-369.	3.4	8
34	The alleviation of cadmium toxicity in oilseed rape (Brassica napus) by the application of salicylic acid. Plant Growth Regulation, 2015, 75, 641-655.	3.4	69
35	Comparison of vitality between seedlings germinated from black-coated and yellow-coated seeds of a turnip rape (Brassica rapa L.) subjected to NaCl and CdCl2 stresses. Plant Growth Regulation, 2015, 76, 61-70.	3.4	11
36	The Remodeling of Seedling Development in Response to Long-Term Magnesium Toxicity and Regulation by ABAâ€"DELLA Signaling in Arabidopsis. Plant and Cell Physiology, 2014, 55, 1713-1726.	3.1	43

#	Article	IF	Citations
37	Response of seed tocopherols in oilseed rape to nitrogen fertilizer sources and application rates. Journal of Zhejiang University: Science B, 2014, 15, 181-193.	2.8	13
38	<i><scp>TRANSPARENT TESTA</scp>2</i> regulates embryonic fatty acid biosynthesis by targeting <i><scp>FUSCA</scp>3</i> during the early developmental stage of <scp>A</scp>rabidopsis seeds. Plant Journal, 2014, 77, 757-769.	5.7	63
39	TRANSPARENT TESTA8 Inhibits Seed Fatty Acid Accumulation by Targeting Several Seed Development Regulators in Arabidopsis. Plant Physiology, 2014, 165, 905-916.	4.8	78
40	Removal of DELLA repression promotes leaf senescence in Arabidopsis. Plant Science, 2014, 219-220, 26-34.	3.6	63
41	Characterization of seed fatty acid accumulation in DELLA mutant lines of Arabidopsis. Plant Growth Regulation, 2013, 70, 27-37.	3.4	4
42	Detection of Tocopherol in Oilseed Rape (Brassica napus L.) Using Gas Chromatography with Flame Ionization Detector. Journal of Integrative Agriculture, 2013, 12, 803-814.	3.5	24
43	The Effect of <i>TRANSPARENT TESTA2</i> on Seed Fatty Acid Biosynthesis and Tolerance to Environmental Stresses during Young Seedling Establishment in Arabidopsis Â Â. Plant Physiology, 2012, 160, 1023-1036.	4.8	79
44	<i>Seed Fatty Acid Reducer</i> acts downstream of gibberellin signalling pathway to lower seed fatty acid storage in <i>Arabidopsis</i>. Plant, Cell and Environment, 2012, 35, 2155-2169.	5.7	93
45	Analysis of gene expression profiles of two near-isogenic lines differing at a QTL region affecting oil content at high temperatures during seed maturation in oilseed rape (Brassica napus L.). Theoretical and Applied Genetics, 2012, 124, 515-531.	3.6	41
46	ALLEVIATION OF CADMIUM TOXICITY IN SOYBEAN BY POTASSIUM SUPPLEMENTATION. Journal of Plant Nutrition, 2010, 33, 1926-1938.	1.9	32
47	The effect of exogenous methyl jasmonate on the flowering time, floral organ morphology, and transcript levels of a group of genes implicated in the development of oilseed rape flowers (Brassica) Tj ETQq1 1 0.784314 rg BT /Overlo	3.8	36
48	Cadmium-induced stress on the seed germination and seedling growth of Brassica napus L., and its alleviation through exogenous plant growth regulators. Plant Growth Regulation, 2009, 58, 47-59.	3.4	172
49	Characterization of Pigmentation and Cellulose Synthesis in Colored Cotton Fibers. Crop Science, 2007, 47, 1540-1546.	1.8	57