Tianfu Han

List of Publications by Year
in descending order

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31 papers	1,561 citations	430874 18 h-index	454955 30 g-index
31 all docs	31 docs citations	31 times ranked	1251 citing authors

#	Article	IF	Citations
1	CRISPR/Cas9â€mediated targeted mutagenesis of GmFT2a delays flowering time in soya bean. Plant Biotechnology Journal, 2018, 16, 176-185.	8.3	258
2	CRISPR/Cas9-Mediated Genome Editing in Soybean Hairy Roots. PLoS ONE, 2015, 10, e0136064.	2.5	223
3	Mutagenesis of GmFT2a and GmFT5a mediated by CRISPR/Cas9 contributes for expanding the regional adaptability of soybean. Plant Biotechnology Journal, 2020, 18, 298-309.	8.3	111
4	Allelic Combinations of Soybean Maturity Loci E1, E2, E3 and E4 Result in Diversity of Maturity and Adaptation to Different Latitudes. PLoS ONE, 2014, 9, e106042.	2.5	103
5	Functional diversification of Flowering Locus T homologs in soybean: GmFT1a and GmFT2a/5a have opposite roles in controlling flowering and maturation. New Phytologist, 2018, 217, 1335-1345.	7.3	97
6	A Single Nucleotide Deletion in J Encoding GmELF3 Confers Long Juvenility and Is Associated with Adaption of Tropic Soybean. Molecular Plant, 2017, 10, 656-658.	8.3	96
7	CRISPR/Cas9-Mediated Deletion of Large Genomic Fragments in Soybean. International Journal of Molecular Sciences, 2018, 19, 3835.	4.1	83
8	Analyzing the Effects of Climate Factors on Soybean Protein, Oil Contents, and Composition by Extensive and High-Density Sampling in China. Journal of Agricultural and Food Chemistry, 2016, 64, 4121-4130.	5.2	80
9	Maturity Group Classification and Maturity Locus Genotyping of Early-Maturing Soybean Varieties from High-Latitude Cold Regions. PLoS ONE, 2014, 9, e94139.	2.5	63
10	Soybean adaption to highâ€latitude regions is associated with natural variations of GmFT2b, an ortholog of FLOWERING LOCUS T. Plant, Cell and Environment, 2020, 43, 934-944.	5.7	53
11	Improvement of Soybean Agrobacterium-Mediated Transformation Efficiency by Adding Glutamine and Asparagine into the Culture Media. International Journal of Molecular Sciences, 2018, 19, 3039.	4.1	49
12	Impacts of genomic research on soybean improvement in East Asia. Theoretical and Applied Genetics, 2020, 133, 1655-1678.	3.6	48
13	Genetic variation of maturity groups and four E genes in the Chinese soybean mini core collection. PLoS ONE, 2017, 12, e0172106.	2.5	41
14	A Combined Linkage and GWAS Analysis Identifies QTLs Linked to Soybean Seed Protein and Oil Content. International Journal of Molecular Sciences, 2019, 20, 5915.	4.1	40
15	Natural variations of FT family genes in soybean varieties covering a wide range of maturity groups. BMC Genomics, 2019, 20, 230.	2.8	33
16	Allele combinations of maturity genes E1-E4 affect adaptation of soybean to diverse geographic regions and farming systems in China. PLoS ONE, 2020, 15, e0235397.	2.5	28
17	Characterizing Changes from a Century of Genetic Improvement of Soybean Cultivars in Northeast China. Crop Science, 2015, 55, 2056-2067.	1.8	25
18	Seventyâ€five Years of Improvement of Yield and Agronomic Traits of Soybean Cultivars Released in the Yellowâ€Huaiâ€Hai River Valley. Crop Science, 2016, 56, 2354-2364.	1.8	25

#	Article	IF	Citations
19	Speed-Breeding System in Soybean: Integrating Off-Site Generation Advancement, Fresh Seeding, and Marker-Assisted Selection. Frontiers in Plant Science, 2021, 12, 717077.	3.6	20
20	The cloning and CRISPR/Cas9â€mediated mutagenesis of a male sterility gene MS1 of soybean. Plant Biotechnology Journal, 2021, 19, 1098-1100.	8.3	18
21	Cotyledons facilitate the adaptation of earlyâ€maturing soybean varieties to highâ€latitude longâ€day environments. Plant, Cell and Environment, 2021, 44, 2551-2564.	5.7	15
22	Responses of Branch Number and Yield Component of Soybean Cultivars Tested in Different Planting Densities. Agriculture (Switzerland), 2021, 11, 69.	3.1	14
23	High Density and Uniform Plant Distribution Improve Soybean Yield by Regulating Population Uniformity and Canopy Light Interception. Agronomy, 2021, 11, 1880.	3.0	10
24	GmFULa improves soybean yield by enhancing carbon assimilation without altering flowering time or maturity. Plant Cell Reports, 2021, 40, 1875-1888.	5.6	9
25	Functional Redundancy of FLOWERING LOCUS T 3b in Soybean Flowering Time Regulation. International Journal of Molecular Sciences, 2022, 23, 2497.	4.1	7
26	Allelic Variation of Soybean Maturity Genes E1â€“E4 in the Huang-Huai-Hai River Valley and the Northwest China. Agriculture (Switzerland), 2021, 11, 478.	3.1	4
27	Integrating Straw Management and Seeding to Improve Seed Yield and Reduce Environmental Impacts in Soybean Production. Agronomy, 2021, 11, 1033.	3.0	2
28	Transcriptome Profile of a Long-Juvenile Soybean Genotype Huaxia-3 Under Short and Long Photoperiod. Plant Molecular Biology Reporter, 2022, 40, 433-445.	1.8	2
29	Genomic research on soybean and its impact on molecular breeding. Advances in Botanical Research, 2022, , .	1.1	2
30	The Seed Quality Assurance Regulations and Certification System in Soybean Productionâ€”A Chinese and International Perspective. Agriculture (Switzerland), 2022, 12, 624.	3.1	2
31	Analysis of Relationship between Soybean Relative Maturity Group, Crop Heat Units and â‰¥10 Â°C Active Accumulated Temperature. Agronomy, 2022, 12, 1444.	3.0	0