Zhongyun Piao

List of Publications by Citations

26 papers	521 citations	12 h-index	22 g-index
31 ext. papers	822 ext. citations	4.4 avg, IF	3.66 L-index

#	Paper	IF	Citations
26	Genetics of Clubroot Resistance in Brassica Species. *Journal of Plant Growth Regulation*, **2009**, 28, 252-264	4.7	99
25	Transcriptome Analysis of Brassica rapa Near-Isogenic Lines Carrying Clubroot-Resistant and -Susceptible Alleles in Response to Plasmodiophora brassicae during Early Infection. *Frontiers in Plant Science*, **2015**, 6, 1183	6.2	64
24	Identification of novel QTLs for isolate-specific partial resistance to Plasmodiophora brassicae in Brassica rapa. *PLoS ONE*, **2013**, 8, e85307	3.7	60
23	Identification and Mapping of the Clubroot Resistance Gene in Chinese Cabbage (ssp.). *Frontiers in Plant Science*, **2018**, 9, 653	6.2	47
22	Fine genetic and physical mapping of the CRb gene conferring resistance to clubroot disease in Brassica rapa. *Molecular Breeding*, **2014**, 34, 1173-1183	3.4	41
21	Genome-wide identification and expression analysis of chitinase gene family in Brassica rapa reveals its role in clubroot resistance. *Plant Science*, **2018**, 270, 257-267	5.3	31
20	Genome Wide Identification and Expression Profiling of Genes Family Reveals Its Role During -Induced Formation of Clubroot in. *Frontiers in Plant Science*, **2018**, 9, 207	6.2	28
19	Cytological and morphological analysis of hybrids between Brassicoraphanus, and Brassica napus for introgression of clubroot resistant trait into Brassica napus L. *PLoS ONE*, **2017**, 12, e0177470	3.7	17
18	Construction of chromosome segment substitution lines enables QTL mapping for flowering and morphological traits in Brassica rapa. *Frontiers in Plant Science*, **2015**, 6, 432	6.2	17
17	Genetic detection of clubroot resistance loci in a new population of Brassica rapa. *Horticulture Environment and Biotechnology*, **2014**, 55, 540-547	2	17
16	Mapping quantitative trait loci for leaf and heading-related traits in Chinese cabbage (Brassica rapa L. ssp. pekinesis). *Horticulture Environment and Biotechnology*, **2011**, 52, 494-501	2	16
15	Construction of a high-density genetic linkage map and identification of quantitative trait loci associated with clubroot resistance in radish (Raphanus sativus L.). *Molecular Breeding*, **2019**, 39, 1	3.4	12
14	Development of a leafy Brassica rapa fixed line collection for genetic diversity and population structure analysis. *Molecular Breeding*, **2015**, 35, 1	3.4	11
13	Development of a Sinitic Clubroot Differential Set for the Pathotype Classification of. *Frontiers in Plant Science*, **2020**, 11, 568771	6.2	9
12	Identification of AFLP markers linked to Ms, a genic multiple allele inherited male-sterile gene in Chinese cabbage. *Breeding Science*, **2009**, 59, 333-339	2	8
11	Integrated analysis of leaf morphological and color traits in different populations of Chinese cabbage (Brassica rapa ssp. pekinensis). *Theoretical and Applied Genetics*, **2017**, 130, 1617-1634	6	8
10	Identification and analysis of anthocyanin components in fruit color variation in Schisandra chinensis. *Journal of the Science of Food and Agriculture*, **2016**, 96, 3213-9	4.3	8

9	Genome-wide identification and role of MKK and MPK gene families in clubroot resistance of Brassica rapa. *PLoS ONE*, **2018**, 13, e0191015	3.7	6
8	Brassica rapa orphan genes largely affect soluble sugar metabolism. *Horticulture Research*, **2020**, 7, 181	7.7	6
7	Mining of -Specific Genes (BSGs) and Their Induction in Different Developmental Stages and under Stress in. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	6
6	Association of Clubroot Resistance Locus With a Linkage Drag of High Erucic Acid Content in the Seed of the European Turnip. *Frontiers in Plant Science*, **2020**, 11, 810	6.2	4
5	Establishment of Agrobacterium-mediated genetic transformation and application of CRISPR/Cas9 gene-editing system to Chinese cabbage (Brassica rapa L. ssp. pekinensis)		2
4	Spatiotemporal Quantification of Inoculum in Relation to Clubroot Development Under Inoculated and Naturally Infested Field Conditions. *Plant Disease*, **2021**, PDIS03210653RE	1.5	1
3	Establishment of adventitious root cultures and assessment of secoiridoid production in the Chinese medicinal plant Gentiana scabra. *In Vitro Cellular and Developmental Biology - Plant*,1	2.3	1
2	Marker-Assisted Pyramiding of Genes for Multilocular Ovaries, Self-Compatibility, and Clubroot Resistance in Chinese Cabbage (Brassica rapa L. ssp. pekinensis). *Horticulturae*, **2022**, 8, 139	2.5	0
1	Identification and Characterization of Circular RNAs in Brassica rapa in Response to Plasmodiophora brassicae. *International Journal of Molecular Sciences*, **2022**, 23, 5369	6.3	