

Zhongyun Piao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Marker-Assisted Pyramiding of Genes for Multilocular Ovaries, Self-Compatibility, and Clubroot Resistance in Chinese Cabbage (<i>Brassica rapa</i> L. ssp. <i>pekinensis</i>). <i>Horticulturae</i> , 2022 , 8, 139	2.5	0
25	Identification and Characterization of Circular RNAs in <i>Brassica rapa</i> in Response to <i>Plasmodiophora brassicae</i> . <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5369	6.3	
24	Spatiotemporal Quantification of Inoculum in Relation to Clubroot Development Under Inoculated and Naturally Infested Field Conditions. <i>Plant Disease</i> , 2021 , PDIS03210653RE	1.5	1
23	Association of Clubroot Resistance Locus With a Linkage Drag of High Erucic Acid Content in the Seed of the European Turnip. <i>Frontiers in Plant Science</i> , 2020 , 11, 810	6.2	4
22	<i>Brassica rapa</i> orphan genes largely affect soluble sugar metabolism. <i>Horticulture Research</i> , 2020 , 7, 181	7.7	6
21	Development of a Sinitic Clubroot Differential Set for the Pathotype Classification of. <i>Frontiers in Plant Science</i> , 2020 , 11, 568771	6.2	9
20	Construction of a high-density genetic linkage map and identification of quantitative trait loci associated with clubroot resistance in radish (<i>Raphanus sativus</i> L.). <i>Molecular Breeding</i> , 2019 , 39, 1	3.4	12
19	Genome-wide identification and expression analysis of chitinase gene family in <i>Brassica rapa</i> reveals its role in clubroot resistance. <i>Plant Science</i> , 2018 , 270, 257-267	5.3	31
18	Genome Wide Identification and Expression Profiling of Genes Family Reveals Its Role During -Induced Formation of Clubroot in. <i>Frontiers in Plant Science</i> , 2018 , 9, 207	6.2	28
17	Identification and Mapping of the Clubroot Resistance Gene in Chinese Cabbage (ssp.). <i>Frontiers in Plant Science</i> , 2018 , 9, 653	6.2	47
16	Genome-wide identification and role of MKK and MPK gene families in clubroot resistance of <i>Brassica rapa</i> . <i>PLoS ONE</i> , 2018 , 13, e0191015	3.7	6
15	Mining of -Specific Genes (BSGs) and Their Induction in Different Developmental Stages and under Stress in. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	6
14	Cytological and morphological analysis of hybrids between <i>Brassicoraphanus</i> , and <i>Brassica napus</i> for introgression of clubroot resistant trait into <i>Brassica napus</i> L. <i>PLoS ONE</i> , 2017 , 12, e0177470	3.7	17
13	Integrated analysis of leaf morphological and color traits in different populations of Chinese cabbage (<i>Brassica rapa</i> ssp. <i>pekinensis</i>). <i>Theoretical and Applied Genetics</i> , 2017 , 130, 1617-1634	6	8
12	Identification and analysis of anthocyanin components in fruit color variation in <i>Schisandra chinensis</i> . <i>Journal of the Science of Food and Agriculture</i> , 2016 , 96, 3213-9	4.3	8
11	Construction of chromosome segment substitution lines enables QTL mapping for flowering and morphological traits in <i>Brassica rapa</i> . <i>Frontiers in Plant Science</i> , 2015 , 6, 432	6.2	17
10	Development of a leafy <i>Brassica rapa</i> fixed line collection for genetic diversity and population structure analysis. <i>Molecular Breeding</i> , 2015 , 35, 1	3.4	11

9	Transcriptome Analysis of Brassica rapa Near-Isogenic Lines Carrying Clubroot-Resistant and -Susceptible Alleles in Response to Plasmodiophora brassicae during Early Infection. <i>Frontiers in Plant Science</i> , 2015 , 6, 1183	6.2	64
8	Fine genetic and physical mapping of the CRb gene conferring resistance to clubroot disease in Brassica rapa. <i>Molecular Breeding</i> , 2014 , 34, 1173-1183	3.4	41
7	Genetic detection of clubroot resistance loci in a new population of Brassica rapa. <i>Horticulture Environment and Biotechnology</i> , 2014 , 55, 540-547	2	17
6	Identification of novel QTLs for isolate-specific partial resistance to Plasmodiophora brassicae in Brassica rapa. <i>PLoS ONE</i> , 2013 , 8, e85307	3.7	60
5	Mapping quantitative trait loci for leaf and heading-related traits in Chinese cabbage (Brassica rapa L. ssp. pekinensis). <i>Horticulture Environment and Biotechnology</i> , 2011 , 52, 494-501	2	16
4	Genetics of Clubroot Resistance in Brassica Species. <i>Journal of Plant Growth Regulation</i> , 2009 , 28, 252-264	47	99
3	Identification of AFLP markers linked to Ms, a genic multiple allele inherited male-sterile gene in Chinese cabbage. <i>Breeding Science</i> , 2009 , 59, 333-339	2	8
2	Establishment of Agrobacterium-mediated genetic transformation and application of CRISPR/Cas9 gene-editing system to Chinese cabbage (Brassica rapa L. ssp. pekinensis)		2
1	Establishment of adventitious root cultures and assessment of secoiridoid production in the Chinese medicinal plant Gentiana scabra. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 1	2.3	1