Hong An

List of Publications by Year
in descending order

19 papers	1,145 citations	516710 16 h-index	794594 19 g-index
29 all docs	29 docs citations	29 times ranked	1242 citing authors

#	Article	IF	Citations
1	Establishing <scp>RNA</scp> virus resistance in plants by harnessing <scp>CRISPR</scp> immune system. Plant Biotechnology Journal, 2018, 16, 1415-1423.	8.3	189
2	Establishing <scp>CRISPR</scp>/Cas13a immune system conferring <scp>RNA</scp> virus resistance in both dicot and monocot plants. Plant Biotechnology Journal, 2019, 17, 1185-1187.	8.3	112
3	Transcriptome and organellar sequencing highlights the complex origin and diversification of allotetraploid Brassica napus. Nature Communications, 2019, 10, 2878.	12.8	78
4	Comparative transcript profiling of the fertile and sterile flower buds of pol CMS in B. napus. BMC Genomics, 2014, 15, 258.	2.8	76
5	Genomic inferences of domestication events are corroborated by written records in Brassica rapa. Molecular Ecology, 2017, 26, 3373-3388.	3.9	66
6	Genomic insights into the origin, domestication and diversification of Brassica juncea. Nature Genetics, 2021, 53, 1392-1402.	21.4	66
7	Topological Data Analysis as a Morphometric Method: Using Persistent Homology to Demarcate a Leaf Morphospace. Frontiers in Plant Science, 2018, 9, 553.	3.6	62
8	A Mitochondria-Targeted PPR Protein Restores pol Cytoplasmic Male Sterility by Reducing orf224 Transcript Levels in Oilseed Rape. Molecular Plant, 2016, 9, 1082-1084.	8.3	57
9	Genomic selection and genetic architecture of agronomic traits during modern rapeseed breeding. Nature Genetics, 2022, 54, 694-704.	21.4	55
10	Population Structure and Phylogenetic Relationships in a Diverse Panel of Brassica rapa L.. Frontiers in Plant Science, 2017, 8, 321.	3.6	53
11	Independent evolution of ancestral and novel defenses in a genus of toxic plants (Erysimum,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	6.9	52
12	The Evolutionary History of Wild, Domesticated, and FeralBrassica oleracea(Brassicaceae). Molecular Biology and Evolution, 2021, 38, 4419-4434.	8.9	49
13	Comparative Analysis of the Brassica napus Root and Leaf Transcript Profiling in Response to Drought Stress. International Journal of Molecular Sciences, 2015, 16, 18752-18777.	4.1	48
14	Phylogeny and multiple independent wholeâ€genome duplication events in the Brassicales. American Journal of Botany, 2020, 107, 1148-1164.	1.7	32
15	Brassica rapa Domestication: Untangling Wild and Feral Forms and Convergence of Crop Morphotypes. Molecular Biology and Evolution, 2021, 38, 3358-3372.	8.9	30
16	Genes derived from ancient polyploidy have higher genetic diversity and are associated with domestication in Brassica rapa. New Phytologist, 2021, 230, 372-386.	7.3	26
17	The contributions from the progenitor genomes of the mesopolyploid Brassiceae are evolutionarily distinct but functionally compatible. Genome Research, 2021, 31, 799-810.	5.5	21
18	A viral protein orchestrates rice ethylene signaling to coordinate viral infection and insect vector-mediated transmission. Molecular Plant, 2022, 15, 689-705.	8.3	17

#	Article	IF	Citations
19	Genome-Wide DNA Methylation Comparison between Brassica napus Genic Male Sterile Line and Restorer Line. International Journal of Molecular Sciences, 2018, 19, 2689.	4.1	16