

Hong An

List of Publications by Year in descending order

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Version: 2024-02-01

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	A viral protein orchestrates rice ethylene signaling to coordinate viral infection and insect vector-mediated transmission. <i>Molecular Plant</i> , 2022, 15, 689-705.	8.3	17
2	Genomic selection and genetic architecture of agronomic traits during modern rapeseed breeding. <i>Nature Genetics</i> , 2022, 54, 694-704.	21.4	55
3	Genes derived from ancient polyploidy have higher genetic diversity and are associated with domestication in <i>Brassica rapa</i> . <i>New Phytologist</i> , 2021, 230, 372-386.	7.3	26
4	The contributions from the progenitor genomes of the mesopolyploid Brassiceae are evolutionarily distinct but functionally compatible. <i>Genome Research</i> , 2021, 31, 799-810.	5.5	21
5	<i>Brassica rapa</i> Domestication: Untangling Wild and Feral Forms and Convergence of Crop Morphotypes. <i>Molecular Biology and Evolution</i> , 2021, 38, 3358-3372.	8.9	30
6	The Evolutionary History of Wild, Domesticated, and Feral <i>Brassica oleracea</i> (Brassicaceae). <i>Molecular Biology and Evolution</i> , 2021, 38, 4419-4434.	8.9	49
7	Genomic insights into the origin, domestication and diversification of <i>Brassica juncea</i> . <i>Nature Genetics</i> , 2021, 53, 1392-1402.	21.4	66
8	Phylogeny and multiple independent whole-genome duplication events in the Brassicales. <i>American Journal of Botany</i> , 2020, 107, 1148-1164.	1.7	32
9	Independent evolution of ancestral and novel defenses in a genus of toxic plants (<i>Erysimum</i>). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	6.6	52
10	Transcriptome and organellar sequencing highlights the complex origin and diversification of allotetraploid <i>Brassica napus</i> . <i>Nature Communications</i> , 2019, 10, 2878.	12.8	78
11	Establishing <i>CRISPR/Cas13a</i> immune system conferring <i>RNA</i> virus resistance in both dicot and monocot plants. <i>Plant Biotechnology Journal</i> , 2019, 17, 1185-1187.	8.3	112
12	Establishing <i>RNA</i> virus resistance in plants by harnessing <i>CRISPR</i> immune system. <i>Plant Biotechnology Journal</i> , 2018, 16, 1415-1423.	8.3	189
13	Genome-Wide DNA Methylation Comparison between <i>Brassica napus</i> Genic Male Sterile Line and Restorer Line. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2689.	4.1	16
14	Topological Data Analysis as a Morphometric Method: Using Persistent Homology to Demarcate a Leaf Morphospace. <i>Frontiers in Plant Science</i> , 2018, 9, 553.	3.6	62
15	Genomic inferences of domestication events are corroborated by written records in <i>Brassica rapa</i> . <i>Molecular Ecology</i> , 2017, 26, 3373-3388.	3.9	66
16	Population Structure and Phylogenetic Relationships in a Diverse Panel of <i>Brassica rapa</i> L.. <i>Frontiers in Plant Science</i> , 2017, 8, 321.	3.6	53
17	A Mitochondria-Targeted PPR Protein Restores <i>pol</i> Cytoplasmic Male Sterility by Reducing <i>orf224</i> Transcript Levels in Oilseed Rape. <i>Molecular Plant</i> , 2016, 9, 1082-1084.	8.3	57
18	Comparative Analysis of the <i>Brassica napus</i> Root and Leaf Transcript Profiling in Response to Drought Stress. <i>International Journal of Molecular Sciences</i> , 2015, 16, 18752-18777.	4.1	48

#	ARTICLE	IF	CITATIONS
19	Comparative transcript profiling of the fertile and sterile flower buds of pol CMS in <i>B. napus</i> . <i>BMC Genomics</i> , 2014, 15, 258.	2.8	76