

Weiming He

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

7,139
citations

394421

19
h-index

642732

23
g-index

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all docs

23
docs citations

23
times ranked

11808
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-genome resequencing of the wheat A subgenome progenitor <i>Triticum urartu</i> provides insights into its demographic history and geographic adaptation. <i>Plant Communications</i> , 2022, , 100345.	7.7	1
2	The improved assembly of 7DL chromosome provides insight into the structure and evolution of bread wheat. <i>Plant Biotechnology Journal</i> , 2020, 18, 732-742.	8.3	6
3	Whole-genome sequencing provides insights into the genetic diversity and domestication of bitter melon (<i>Momordica</i> spp.). <i>Horticulture Research</i> , 2020, 7, 85.	6.3	41
4	Whole genome sequence analysis reveals genetic structure and X-chromosome haplotype structure in indigenous Chinese pigs. <i>Scientific Reports</i> , 2020, 10, 9433.	3.3	11
5	Neo-functionalization of a Teosinte branched 1 homologue mediates adaptations of upland rice. <i>Nature Communications</i> , 2020, 11, 725.	12.8	40
6	Resequencing of 429 chickpea accessions from 45 countries provides insights into genome diversity, domestication and agronomic traits. <i>Nature Genetics</i> , 2019, 51, 857-864.	21.4	219
7	A RAD-Based Genetic Map for Anchoring Scaffold Sequences and Identifying QTLs in Bitter Melon (<i>Momordica charantia</i>). <i>Frontiers in Plant Science</i> , 2018, 9, 477.	3.6	42
8	Genome-Wide Analysis of Simple Sequence Repeats in Bitter Melon (<i>Momordica charantia</i>). <i>Frontiers in Plant Science</i> , 2017, 8, 1103.	3.6	26
9	Recent breeding programs enhanced genetic diversity in both desi and kabuli varieties of chickpea (<i>Cicer arietinum</i> L.). <i>Scientific Reports</i> , 2016, 6, 38636.	3.3	77
10	Molecular phylogeny and dynamic evolution of disease resistance genes in the legume family. <i>BMC Genomics</i> , 2016, 17, 402.	2.8	47
11	Adaptation and possible ancient interspecies introgression in pigs identified by whole-genome sequencing. <i>Nature Genetics</i> , 2015, 47, 217-225.	21.4	288
12	Impacts of nucleotide fixation during soybean domestication and improvement. <i>BMC Plant Biology</i> , 2015, 15, 81.	3.6	22
13	Two Antarctic penguin genomes reveal insights into their evolutionary history and molecular changes related to the Antarctic environment. <i>GigaScience</i> , 2014, 3, 27.	6.4	72
14	Population Genomics Reveal Recent Speciation and Rapid Evolutionary Adaptation in Polar Bears. <i>Cell</i> , 2014, 157, 785-794.	28.9	363
15	A genomic perspective on the important genetic mechanisms of upland adaptation of rice. <i>BMC Plant Biology</i> , 2014, 14, 160.	3.6	39
16	Draft genome sequence of chickpea (<i>Cicer arietinum</i>) provides a resource for trait improvement. <i>Nature Biotechnology</i> , 2013, 31, 240-246.	17.5	1,049
17	<i>Aegilops tauschii</i> draft genome sequence reveals a gene repertoire for wheat adaptation. <i>Nature</i> , 2013, 496, 91-95.	27.8	714
18	Whole-genome sequencing of giant pandas provides insights into demographic history and local adaptation. <i>Nature Genetics</i> , 2013, 45, 67-71.	21.4	303

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19	Single-Cell Exome Sequencing Reveals Single-Nucleotide Mutation Characteristics of a Kidney Tumor. <i>Cell</i> , 2012, 148, 886-895.	28.9	622
20	Resequencing 50 accessions of cultivated and wild rice yields markers for identifying agronomically important genes. <i>Nature Biotechnology</i> , 2012, 30, 105-111.	17.5	818
21	Sequencing of 50 Human Exomes Reveals Adaptation to High Altitude. <i>Science</i> , 2010, 329, 75-78.	12.6	1,339
22	Resequencing of 31 wild and cultivated soybean genomes identifies patterns of genetic diversity and selection. <i>Nature Genetics</i> , 2010, 42, 1053-1059.	21.4	987