Weiming He

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10700088/publications.pdf

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22	7,139	394421 19	642732 23
papers	citations	h-index	g-index

23	23	23	11808
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sequencing of 50 Human Exomes Reveals Adaptation to High Altitude. Science, 2010, 329, 75-78.	12.6	1,339
2	Draft genome sequence of chickpea (Cicer arietinum) provides a resource for trait improvement. Nature Biotechnology, 2013, 31, 240-246.	17.5	1,049
3	Resequencing of 31 wild and cultivated soybean genomes identifies patterns of genetic diversity and selection. Nature Genetics, 2010, 42, 1053-1059.	21.4	987
4	Resequencing 50 accessions of cultivated and wild rice yields markers for identifying agronomically important genes. Nature Biotechnology, 2012, 30, 105-111.	17.5	818
5	Aegilops tauschii draft genome sequence reveals a gene repertoire for wheat adaptation. Nature, 2013, 496, 91-95.	27.8	714
6	Single-Cell Exome Sequencing Reveals Single-Nucleotide Mutation Characteristics of a Kidney Tumor. Cell, 2012, 148, 886-895.	28.9	622
7	Population Genomics Reveal Recent Speciation and Rapid Evolutionary Adaptation in Polar Bears. Cell, 2014, 157, 785-794.	28.9	363
8	Whole-genome sequencing of giant pandas provides insights into demographic history and local adaptation. Nature Genetics, 2013, 45, 67-71.	21.4	303
9	Adaptation and possible ancient interspecies introgression in pigs identified by whole-genome sequencing. Nature Genetics, 2015, 47, 217-225.	21.4	288
10	Resequencing of 429 chickpea accessions from 45 countries provides insights into genome diversity, domestication and agronomic traits. Nature Genetics, 2019, 51, 857-864.	21.4	219
11	Recent breeding programs enhanced genetic diversity in both desi and kabuli varieties of chickpea (Cicer arietinum L.). Scientific Reports, 2016, 6, 38636.	3.3	77
12	Two Antarctic penguin genomes reveal insights into their evolutionary history and molecular changes related to the Antarctic environment. GigaScience, 2014, 3, 27.	6.4	72
13	Molecular phylogeny and dynamic evolution of disease resistance genes in the legume family. BMC Genomics, 2016, 17, 402.	2.8	47
14	A RAD-Based Genetic Map for Anchoring Scaffold Sequences and Identifying QTLs in Bitter Gourd (Momordica charantia). Frontiers in Plant Science, 2018, 9, 477.	3.6	42
15	Whole-genome sequencing provides insights into the genetic diversity and domestication of bitter gourd (Momordica spp.). Horticulture Research, 2020, 7, 85.	6.3	41
16	Neo-functionalization of a Teosinte branched 1 homologue mediates adaptations of upland rice. Nature Communications, 2020, 11, 725.	12.8	40
17	A genomic perspective on the important genetic mechanisms of upland adaptation of rice. BMC Plant Biology, 2014, 14, 160.	3.6	39
18	Genome-Wide Analysis of Simple Sequence Repeats in Bitter Gourd (Momordica charantia). Frontiers in Plant Science, 2017, 8, 1103.	3.6	26

#	Article	IF	Citations
19	Impacts of nucleotide fixation during soybean domestication and improvement. BMC Plant Biology, 2015, 15, 81.	3.6	22
20	Whole genome sequence analysis reveals genetic structure and X-chromosome haplotype structure in indigenous Chinese pigs. Scientific Reports, 2020, 10, 9433.	3.3	11
21	The improved assembly of 7DL chromosome provides insight into the structure and evolution of bread wheat. Plant Biotechnology Journal, 2020, 18, 732-742.	8.3	6
22	Whole-genome resequencing of the wheat A subgenome progenitor Triticum urartu provides insights into its demographic history and geographic adaptation. Plant Communications, 2022, , 100345.	7.7	1