# Wei Hua

List of Publications by Year
in descending order



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|---|---|---|---|
| 35 papers | 1,392 citations | 394421 19 h-index | 361022 35 g-index |
| 35 all docs | 35 docs citations | 35 times ranked | 1612 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | An improved allele-specific PCR primer design method for SNP marker analysis and its application. Plant Methods, 2012, 8, 34. | 4.3 | 192 |
| 2 | Natural variation in ARF18 gene simultaneously affects seed weight and silique length in polyploid rapeseed. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5123-32. | 7.1 | 185 |
| 3 | Knockout of two Bna<scp>MAX</scp>1 homologs by <scp>CRISPR</scp>/Cas9â€targeted mutagenesis improves plant architecture and increases yield in rapeseed (Brassica napus L.). Plant Biotechnology Journal, 2020, 18, 644-654. | 8.3 | 117 |
| 4 | Selection and evaluation of novel reference genes for quantitative reverse transcription PCR (qRT-PCR) based on genome and transcriptome data in Brassica napus L.. Gene, 2014, 538, 113-122. | 2.2 | 111 |
| 5 | A New Light on Photosystem II Maintenance in Oxygenic Photosynthesis. Frontiers in Plant Science, 2019, 10, 975. | 3.6 | 72 |
| 6 | Genomic insights into the origin, domestication and diversification of Brassica juncea. Nature Genetics, 2021, 53, 1392-1402. | 21.4 | 66 |
| 7 | Identification of stable QTLs for seed oil content by combined linkage and association mapping in Brassica napus. Plant Science, 2016, 252, 388-399. | 3.6 | 63 |
| 8 | Genome-Wide Association Study Reveals Candidate Genes for Control of Plant Height, Branch Initiation Height and Branch Number in Rapeseed (Brassica napus L.). Frontiers in Plant Science, 2017, 8, 1246. | 3.6 | 63 |
| 9 | Genetic analysis on oil content in rapeseed (Brassica napus L.). Euphytica, 2010, 173, 17-24. | 1.2 | 58 |
| 10 | PTGBase: an integrated database to study tandem duplicated genes in plants. Database: the Journal of Biological Databases and Curation, 2015, 2015, . | 3.0 | 46 |
| 11 | Systematic Analysis of Hsf Family Genes in the Brassica napus Genome Reveals Novel Responses to Heat, Drought and High CO2 Stresses. Frontiers in Plant Science, 2017, 8, 1174. | 3.6 | 43 |
| 12 | Complete chloroplast genome sequence of rapeseed (Brassica napus L.) and its evolutionary implications. Genetic Resources and Crop Evolution, 2011, 58, 875-887. | 1.6 | 34 |
| 13 | A Novel Chimeric Mitochondrial Gene Confers Cytoplasmic Effects on Seed Oil Content in Polyploid Rapeseed (Brassica napus). Molecular Plant, 2019, 12, 582-596. | 8.3 | 26 |
| 14 | CRISPR/Cas9â€targeted mutagenesis of the BnaA03.BP gene confers semiâ€dwarf and compact architecture to rapeseed (Brassica napus L.). Plant Biotechnology Journal, 2021, 19, 2383-2385. | 8.3 | 26 |
| 15 | Three BnaIAA7 homologs are involved in auxin/brassinosteroid-mediated plant morphogenesis in rapeseed (Brassica napus L.). Plant Cell Reports, 2019, 38, 883-897. | 5.6 | 25 |
| 16 | Fine-mapping and transcriptome analysis of a candidate gene controlling plant height in Brassica napus L.. Biotechnology for Biofuels, 2020, 13, 42. | 6.2 | 25 |
| 17 | Genome-wide identification and expression analysis of CaM/CML genes in Brassica napus under abiotic stress. Journal of Plant Physiology, 2020, 255, 153251. | 3.5 | 24 |
| 18 | Important photosynthetic contribution of silique wall to seed yield-related traits in Arabidopsis thaliana. Photosynthesis Research, 2018, 137, 493-501. | 2.9 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Development and application of single nucleotide polymorphism markers in the polyploid Brassica napus by 454 sequencing of expressed sequence tags. Plant Breeding, 2012, 131, 293-299. | 1.9 | 21 |
| 20 | Effects of specific organs on seed oil accumulation in Brassica napus L.. Plant Science, 2014, 227, 60-68. | 3.6 | 20 |
| 21 | Genome-wide screening and analysis of imprinted genes in rapeseed (Brassica napusL.) endosperm. DNA Research, 2018, 25, 629-640. | 3.4 | 18 |
| 22 | Systematic Analysis of the DNA Methylase and Demethylase Gene Families in Rapeseed (Brassica napus L.) and Their Expression Variations After Salt and Heat stresses. International Journal of Molecular Sciences, 2020, 21, 953. | 4.1 | 16 |
| 23 | Integrated strategies for increasing rapeseed yield. Trends in Plant Science, 2022, 27, 742-745. | 8.8 | 16 |
| 24 | Overexpression of CHMP7 from rapeseed and Arabidopsis causes dwarfism and premature senescence in Arabidopsis. Journal of Plant Physiology, 2016, 204, 16-26. | 3.5 | 14 |
| 25 | Genome-Wide Identification and Characterization of FBA Gene Family in Polyploid Crop Brassica napus. International Journal of Molecular Sciences, 2019, 20, 5749. | 4.1 | 14 |
| 26 | Integrative analysis of GWAS and transcriptome to reveal novel loci regulation flowering time in semi-winter rapeseed. Plant Science, 2021, 310, 110980. | 3.6 | 14 |
| 27 | Effective Extraction and Assembly Methods for Simultaneously Obtaining Plastid and Mitochondrial Genomes. PLoS ONE, 2014, 9, e108291. | 2.5 | 13 |
| 28 | Overexpression of BnaAOX1b Confers Tolerance to Osmotic and Salt Stress in Rapeseed. G3: Genes, Genomes, Genetics, 2019, 9, 3501-3511. | 1.8 | 11 |
| 29 | Nitric oxide affects seed oil accumulation and fatty acid composition through protein S-nitrosation. Journal of Experimental Botany, 2021, 72, 385-397. | 4.8 | 7 |
| 30 | A large-scale population based organelle pan-genomes construction and phylogeny analysis reveal the genetic diversity and the evolutionary origins of chloroplast and mitochondrion in Brassica napus L.. BMC Genomics, 2022, 23, 339. | 2.8 | 7 |
| 31 | Genome-Wide Identification of the TIFY Gene Family in Brassiceae and Its Potential Association with Heavy Metal Stress in Rapeseed. Plants, 2022, 11, 667. | 3.5 | 6 |
| 32 | An integrated omics analysis reveals the gene expression profiles of maize, castor bean, and rapeseed for seed oil biosynthesis. BMC Plant Biology, 2022, 22, 153. | 3.6 | 6 |
| 33 | Abscisic Acid Improves Linoleic Acid Accumulation Possibly by Promoting Expression of EgFAD2 and Other Fatty Acid Biosynthesis Genes in Oil Palm Mesocarp. Frontiers in Plant Science, 2021, 12, 748130. | 3.6 | 5 |
| 34 | Genome-Wide Identification and Evolutionary Analysis of the Fruit-Weight 2.2-Like Gene Family in Polyploid Oilseed Rape (Brassica napus L.). DNA and Cell Biology, 2020, 39, 766-782. | 1.9 | 3 |
| 35 | Stress-induced higher vein density in the C3â€“C4 intermediate Moricandia suffruticosa under drought and heat stress. Journal of Experimental Botany, 2022, 73, 6334-6351. | 4.8 | 3 |