

Ping Lou

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,084
citations

516710

16
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

1218
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Genetic relationships within <i>Brassica rapa</i> as inferred from AFLP fingerprints. <i>Theoretical and Applied Genetics</i> , 2005, 110, 1301-1314. | 3.6 | 199 |
| 2 | Quantitative trait loci for flowering time and morphological traits in multiple populations of <i>Brassica rapa</i> . <i>Journal of Experimental Botany</i> , 2007, 58, 4005-4016. | 4.8 | 142 |
| 3 | Preferential Retention of Circadian Clock Genes during Diploidization following Whole Genome Triplication in <i>Brassica rapa</i> . <i>Plant Cell</i> , 2012, 24, 2415-2426. | 6.6 | 114 |
| 4 | Association mapping of leaf traits, flowering time, and phytate content in <i>Brassica rapa</i> . <i>Genome</i> , 2007, 50, 963-973. | 2.0 | 89 |
| 5 | Quantitative Variation in Water-Use Efficiency across Water Regimes and Its Relationship with Circadian, Vegetative, Reproductive, and Leaf Gas-Exchange Traits. <i>Molecular Plant</i> , 2012, 5, 653-668. | 8.3 | 74 |
| 6 | Quantitative trait loci for glucosinolate accumulation in <i>Brassica rapa</i> leaves. <i>New Phytologist</i> , 2008, 179, 1017-1032. | 7.3 | 71 |
| 7 | Geographic Variation of Plant Circadian Clock Function in Natural and Agricultural Settings. <i>Journal of Biological Rhythms</i> , 2017, 32, 26-34. | 2.6 | 59 |
| 8 | Allelic polymorphism of <i>GIGANTEA</i> is responsible for naturally occurring variation in circadian period in <i>Brassica rapa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3829-3834. | 7.1 | 55 |
| 9 | The Genetic Architecture of Ecophysiological and Circadian Traits in <i>Brassica rapa</i> . <i>Genetics</i> , 2011, 189, 375-390. | 2.9 | 47 |
| 10 | Quantitative trait loci analysis of phytate and phosphate concentrations in seeds and leaves of <i>Brassica rapa</i> . <i>Plant, Cell and Environment</i> , 2008, 31, 887-900. | 5.7 | 46 |
| 11 | Selection during crop diversification involves correlated evolution of the circadian clock and ecophysiological traits in <i>Brassica rapa</i> . <i>New Phytologist</i> , 2016, 210, 133-144. | 7.3 | 36 |
| 12 | Transcript profiling of a dominant male sterile mutant (<i>Ms-cd1</i>) in cabbage during flower bud development. <i>Plant Science</i> , 2007, 172, 111-119. | 3.6 | 35 |
| 13 | TRiP: Tracking Rhythms in Plants, an automated leaf movement analysis program for circadian period estimation. <i>Plant Methods</i> , 2015, 11, 33. | 4.3 | 32 |
| 14 | Variation in circadian rhythms is maintained among and within populations in <i>Boechera stricta</i> . <i>Plant, Cell and Environment</i> , 2016, 39, 1293-1303. | 5.7 | 29 |
| 15 | Expansion of the circadian transcriptome in <i>Brassica rapa</i> and genome-wide diversification of paralog expression patterns. <i>ELife</i> , 2020, 9, . | 6.0 | 26 |
| 16 | Linkage mapping of a dominant male sterility gene <i>Ms-cd1</i> in <i>Brassica oleracea</i> . <i>Genome</i> , 2005, 48, 848-854. | 2.0 | 21 |
| 17 | Genetic and genomic resources to study natural variation in <i>Brassica rapa</i> . <i>Plant Direct</i> , 2020, 4, e00285. | 1.9 | 8 |
| 18 | Rhythmic Leaf and Cotyledon Movement Analysis. <i>Methods in Molecular Biology</i> , 2022, 2494, 125-134. | 0.9 | 0 |