

Ping Lou

List of Publications by Year in descending order

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18
papers

1,084
citations

516710

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888059

17
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docs citations

21
times ranked

1218
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhythmic Leaf and Cotyledon Movement Analysis. <i>Methods in Molecular Biology</i> , 2022, 2494, 125-134.	0.9	0
2	Genetic and genomic resources to study natural variation in <i>Brassica rapa</i> . <i>Plant Direct</i> , 2020, 4, e00285.	1.9	8
3	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
4	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
5	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
6	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
7	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
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	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
10	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
11	The Genetic Architecture of Ecophysiological and Circadian Traits in <i>Brassica rapa</i> . <i>Genetics</i> , 2011, 189, 375-390.	2.9	47
12	Quantitative trait loci for glucosinolate accumulation in <i>Brassica rapa</i> leaves. <i>New Phytologist</i> , 2008, 179, 1017-1032.	7.3	71
13	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
14	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
15	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
16	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
17	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
18	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