

Guozheng Liu

List of Publications by Year in descending order

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17
papers

638
citations

623734

14
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888059

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17
docs citations

17
times ranked

990
citing authors

#	ARTICLE	IF	CITATIONS
1	The potential of hybrid breeding to enhance leaf rust and stripe rust resistance in wheat. <i>Theoretical and Applied Genetics</i> , 2020, 133, 2171-2181.	3.6	16
2	Dissecting the genetics underlying the relationship between protein content and grain yield in a large hybrid wheat population. <i>Theoretical and Applied Genetics</i> , 2019, 132, 489-500.	3.6	44
3	Can spelt wheat be used as heterotic group for hybrid wheat breeding?. <i>Theoretical and Applied Genetics</i> , 2018, 131, 973-984.	3.6	14
4	Genome-wide association analyses of plant growth traits during the stem elongation phase in wheat. <i>Plant Biotechnology Journal</i> , 2018, 16, 2042-2052.	8.3	21
5	Exploiting the Rht portfolio for hybrid wheat breeding. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1433-1442.	3.6	32
6	Genome-wide metabolite associations revealed low heritability, high genetic complexity, and causal relations for leaf metabolites in winter wheat (<i>Triticum aestivum</i>). <i>Journal of Experimental Botany</i> , 2017, 68, erw441.	4.8	33
7	Efficient strategies to assess yield stability in winter wheat. <i>Theoretical and Applied Genetics</i> , 2017, 130, 1587-1599.	3.6	13
8	Genome-Based Identification of Heterotic Patterns in Rice. <i>Rice</i> , 2017, 10, 22.	4.0	23
9	Hybrid Performance of an Immortalized F2 Rapeseed Population Is Driven by Additive, Dominance, and Epistatic Effects. <i>Frontiers in Plant Science</i> , 2017, 8, 815.	3.6	16
10	Genomic Prediction of Barley Hybrid Performance. <i>Plant Genome</i> , 2016, 9, plantgenome2016.02.0016.	2.8	35
11	Predicting Hybrid Performances for Quality Traits through Genomic-Assisted Approaches in Central European Wheat. <i>PLoS ONE</i> , 2016, 11, e0158635.	2.5	48
12	Rapid evolutionary divergence of <i>Gossypium barbadense</i> and <i>G. hirsutum</i> mitochondrial genomes. <i>BMC Genomics</i> , 2015, 16, 770.	2.8	42
13	Genetic architecture is more complex for resistance to <i>Septoria tritici</i> blotch than to <i>Fusarium</i> head blight in Central European winter wheat. <i>BMC Genomics</i> , 2015, 16, 430.	2.8	34
14	Genome-based establishment of a high-yielding heterotic pattern for hybrid wheat breeding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15624-15629.	7.1	178
15	Evolution of mitochondrial gene content: loss of genes, tRNAs and introns between <i>Gossypium harknessii</i> and other plants. <i>Plant Systematics and Evolution</i> , 2013, 299, 1889-1897.	0.9	17
16	Construction and initial analysis of five Fosmid libraries of mitochondrial genomes of cotton (<i>Gossypium</i>). <i>Science Bulletin</i> , 2013, 58, 4608-4615.	1.7	14
17	The Complete Mitochondrial Genome of <i>Gossypium hirsutum</i> and Evolutionary Analysis of Higher Plant Mitochondrial Genomes. <i>PLoS ONE</i> , 2013, 8, e69476.	2.5	58