

Guozheng Liu

List of Publications by Year in descending order

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17
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638
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623734

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17
times ranked

990
citing authors

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