

Guanjun Gao

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

820
citations

623734

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677142

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docs citations

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times ranked

952
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Natural variation in <i>WHITE-CORE RATE 1</i> regulates redox homeostasis in rice endosperm to affect grain quality. <i>Plant Cell</i> , 2022, 34, 1912-1932. | 6.6 | 41 |
| 2 | Fine Mapping of <i>qWCR4</i> , a Rice Chalkiness QTL Affecting Yield and Quality. <i>Agronomy</i> , 2022, 12, 706. | 3.0 | 3 |
| 3 | Genetic architecture and key genes controlling the diversity of oil composition in rice grains. <i>Molecular Plant</i> , 2021, 14, 456-469. | 8.3 | 18 |
| 4 | The origin of <i>Wx^{la}</i> provides new insights into the improvement of grain quality in rice. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 878-888. | 8.5 | 43 |
| 5 | <i>FLOURY ENDOSPERM19</i> encoding a class I glutamine amidotransferase affects grain quality in rice. <i>Molecular Breeding</i> , 2021, 41, 1. | 2.1 | 10 |
| 6 | Fine mapping of <i>qWCR7</i> , a grain chalkiness QTL in rice. <i>Molecular Breeding</i> , 2021, 41, 1. | 2.1 | 3 |
| 7 | Development and evaluation of improved lines based on an elite rice variety 9311 for overcoming hybrid sterility in rice. <i>Molecular Breeding</i> , 2020, 40, 1. | 2.1 | 3 |
| 8 | Identification of Blast Resistance QTLs Based on Two Advanced Backcross Populations in Rice. <i>Rice</i> , 2020, 13, 31. | 4.0 | 14 |
| 9 | Development and evaluation of improved lines with broad-spectrum resistance to rice blast using nine resistance genes. <i>Rice</i> , 2019, 12, 29. | 4.0 | 34 |
| 10 | Genome-wide association analyses reveal the genetic basis of combining ability in rice. <i>Plant Biotechnology Journal</i> , 2019, 17, 2211-2222. | 8.3 | 26 |
| 11 | Evaluation and breeding application of six brown planthopper resistance genes in rice maintainer line Jin 23B. <i>Rice</i> , 2018, 11, 22. | 4.0 | 28 |
| 12 | <i>GL3.3</i> , a Novel QTL Encoding a GSK3/SHAGGY-like Kinase, Epistatically Interacts with <i>GS3</i> to Produce Extra-long Grains in Rice. <i>Molecular Plant</i> , 2018, 11, 754-756. | 8.3 | 113 |
| 13 | Genetic Basis of Variation in Rice Seed Storage Protein (Albumin, Globulin, Prolamin, and Glutelin) Content Revealed by Genome-Wide Association Analysis. <i>Frontiers in Plant Science</i> , 2018, 9, 612. | 3.6 | 53 |
| 14 | Genome-wide Association Analyses Reveal the Genetic Basis of Stigma Exsertion in Rice. <i>Molecular Plant</i> , 2017, 10, 634-644. | 8.3 | 66 |
| 15 | Mapping and verification of grain shape QTLs based on an advanced backcross population in rice. <i>PLoS ONE</i> , 2017, 12, e0187553. | 2.5 | 9 |
| 16 | Genetic mapping and confirmation of quantitative trait loci for grain chalkiness in rice. <i>Molecular Breeding</i> , 2016, 36, 1. | 2.1 | 17 |
| 17 | Mapping and evaluating quantitative trait loci for blast resistance under natural infection conditions using an advanced backcross population in rice. <i>Euphytica</i> , 2015, 204, 121-133. | 1.2 | 2 |
| 18 | Analysis of minor quantitative trait loci for eating and cooking quality traits in rice using a recombinant inbred line population derived from two indica cultivars with similar amylose content. <i>Molecular Breeding</i> , 2014, 34, 2151-2163. | 2.1 | 22 |

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|----|---|------|-----------|
| 19 | QTL analysis on rice grain appearance quality, as exemplifying the typical events of transgenic or backcrossing breeding. <i>Breeding Science</i> , 2014, 64, 231-239. | 1.9 | 16 |
| 20 | OsAAP6 functions as an important regulator of grain protein content and nutritional quality in rice. <i>Nature Communications</i> , 2014, 5, 4847. | 12.8 | 214 |
| 21 | Identification of quantitative trait loci for grain size and the contributions of major grain-size QTLs to grain weight in rice. <i>Molecular Breeding</i> , 2013, 31, 451-461. | 2.1 | 20 |
| 22 | Improving blast resistance of Jin 23B and its hybrid rice by marker-assisted gene pyramiding. <i>Molecular Breeding</i> , 2012, 30, 1679-1688. | 2.1 | 65 |