

Ali babar

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,103
citations

623734

14
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

1452
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Comparative Physiological and Metabolic Analysis Reveals a Complex Mechanism Involved in Drought Tolerance in Chickpea (<i>Cicer arietinum</i> L.) Induced by PGPR and PGRs. <i>Scientific Reports</i> , 2019, 9, 2097. | 3.3 | 203 |
| 2 | UPLC-MS/MS-based untargeted metabolic profiling reveals changes in chickpea (<i>Cicer</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2019, 42, 115-132. | 5.7 | 176 |
| 3 | Metabolic and physiological changes induced by plant growth regulators and plant growth promoting rhizobacteria and their impact on drought tolerance in <i>Cicer arietinum</i> L.. <i>PLoS ONE</i> , 2019, 14, e0213040. | 2.5 | 82 |
| 4 | Training population selection and use of fixed effects to optimize genomic predictions in a historical USA winter wheat panel. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1247-1261. | 3.6 | 78 |
| 5 | Comparative physiological and metabolomics analysis of wheat (<i>Triticum aestivum</i> L.) following post-anthesis heat stress. <i>PLoS ONE</i> , 2018, 13, e0197919. | 2.5 | 74 |
| 6 | Comparative metabolomic profiling in the roots and leaves in contrasting genotypes reveals complex mechanisms involved in post-anthesis drought tolerance in wheat. <i>PLoS ONE</i> , 2019, 14, e0213502. | 2.5 | 72 |
| 7 | The root growth of wheat plants, the water conservation and fertility status of sandy soils influenced by plant growth promoting rhizobacteria. <i>Symbiosis</i> , 2017, 72, 195-205. | 2.3 | 69 |
| 8 | Impacts of plant growth promoters and plant growth regulators on rainfed agriculture. <i>PLoS ONE</i> , 2020, 15, e0231426. | 2.5 | 68 |
| 9 | Climate change impact on Mexico wheat production. <i>Agricultural and Forest Meteorology</i> , 2018, 263, 373-387. | 4.8 | 66 |
| 10 | The stimulatory effects of plant growth promoting rhizobacteria and plant growth regulators on wheat physiology grown in sandy soil. <i>Archives of Microbiology</i> , 2019, 201, 769-785. | 2.2 | 45 |
| 11 | Diagnostic Markers for Vernalization and Photoperiod Loci Improve Genomic Selection for Grain Yield and Spectral Reflectance in Wheat. <i>Crop Science</i> , 2018, 58, 242-252. | 1.8 | 35 |
| 12 | Interaction between PGPR and PGR for water conservation and plant growth attributes under drought condition. <i>Biologia (Poland)</i> , 2018, 73, 1083-1098. | 1.5 | 34 |
| 13 | Adapting irrigated and rainfed wheat to climate change in semi-arid environments: Management, breeding options and land use change. <i>European Journal of Agronomy</i> , 2019, 109, 125915. | 4.1 | 31 |
| 14 | Multi-Trait Genomic Prediction of Yield-Related Traits in US Soft Wheat under Variable Water Regimes. <i>Genes</i> , 2020, 11, 1270. | 2.4 | 26 |
| 15 | Effect of cytoplasmic diversity on post anthesis heat tolerance in wheat. <i>Euphytica</i> , 2015, 204, 383-394. | 1.2 | 11 |
| 16 | Genetic dissection of heat-responsive physiological traits to improve adaptation and increase yield potential in soft winter wheat. <i>BMC Genomics</i> , 2020, 21, 315. | 2.8 | 10 |
| 17 | Evaluation of edamame genotypes suitable for growing in Florida. <i>Agronomy Journal</i> , 2020, 112, 693-707. | 1.8 | 9 |
| 18 | Genetics of Fusarium head blight resistance in soft red winter wheat using a genome-wide association study. <i>Plant Genome</i> , 2022, 15, . | 2.8 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | â€“LA05006â€“™, a Dualâ€“Purpose Oat for Louisiana and Other Southeastern Regions of the USA. Journal of Plant Registrations, 2017, 11, 89-94. | 0.5 | 3 |
| 20 | A new soft red winter wheat cultivar â€“GA 08535â€“™ adapted to Georgia and the U.S. southeast region. Journal of Plant Registrations, 2022, 16, 597-605. | 0.5 | 2 |
| 21 | Registration of â€“FL720â€“™ Oat. Journal of Plant Registrations, 2017, 11, 15-19. | 0.5 | 0 |
| 22 | A Walk on the Wild Side: 2018 Cool-Season Forage Recommendations for Wildlife Food Plots in North Florida. Edis, 2018, 2018, . | 0.1 | 0 |
| 23 | 2020 Cool-Season Forage Variety Recommendations for Florida. Edis, 2020, 2020, 6. | 0.1 | 0 |