

Yasir S A Gorafi

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

534
citations

933447

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docs citations

27
times ranked

681
citing authors

#	ARTICLE	IF	CITATIONS
1	DArTseq-based analysis of genomic relationships among species of tribe Triticeae. <i>Scientific Reports</i> , 2018, 8, 16397.	3.3	101
2	Stay-Green Trait: A Prospective Approach for Yield Potential, and Drought and Heat Stress Adaptation in Globally Important Cereals. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5837.	4.1	88
3	A population of wheat multiple synthetic derivatives: an effective platform to explore, harness and utilize genetic diversity of <i>Aegilops tauschii</i> for wheat improvement. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1615-1626.	3.6	41
4	Effect of environment and genotypes on the physicochemical quality of the grains of newly developed wheat inbred lines. <i>Food Science and Nutrition</i> , 2016, 4, 508-520.	3.4	39
5	Rising temperatures and increasing demand challenge wheat supply in Sudan. <i>Nature Food</i> , 2021, 2, 19-27.	14.0	37
6	Genetic variation in heat tolerance-related traits in a population of wheat multiple synthetic derivatives. <i>Breeding Science</i> , 2017, 67, 483-492.	1.9	31
7	Genetic variation and association mapping of grain iron and zinc contents in synthetic hexaploid wheat germplasm. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2018, 16, 9-17.	0.8	31
8	Wheat multiple synthetic derivatives: a new source for heat stress tolerance adaptive traits. <i>Breeding Science</i> , 2017, 67, 248-256.	1.9	27
9	Efficient anchoring of alien chromosome segments introgressed into bread wheat by new <i>Leymus racemosus</i> genome-based markers. <i>BMC Genetics</i> , 2018, 19, 18.	2.7	15
10	<i>Aegilops tauschii</i> Introgressions Improve Physio-Biochemical Traits and Metabolite Plasticity in Bread Wheat under Drought Stress. <i>Agronomy</i> , 2020, 10, 1588.	3.0	15
11	Exploitation of Tolerance of Wheat Kernel Weight and Shape-Related Traits from <i>Aegilops tauschii</i> under Heat and Combined Heat-Drought Stresses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1830.	4.1	12
12	Novel Loci for Kernel Hardness Appeared as a Response to Heat and Combined Heat-Drought Conditions in Wheat Harboring <i>Aegilops tauschii</i> Diversity. <i>Agronomy</i> , 2021, 11, 1061.	3.0	11
13	Stay-Green QTLs Response in Adaptation to Post-Flowering Drought Depends on the Drought Severity. <i>BioMed Research International</i> , 2018, 2018, 1-15.	1.9	9
14	Genomic analysis for heat and combined heat-drought resilience in bread wheat under field conditions. <i>Theoretical and Applied Genetics</i> , 2022, 135, 337-350.	3.6	9
15	Alteration of wheat vernalization requirement by alien chromosome-mediated transposition of MITE. <i>Breeding Science</i> , 2016, 66, 181-190.	1.9	8
16	Genetic variation in drought resilience-related traits among wheat multiple synthetic derivative lines: insights for climate resilience breeding. <i>Breeding Science</i> , 2021, 71, 435-443.	1.9	8
17	Dominance of limited arbuscular mycorrhizal fungal generalists of <i>Sorghum bicolor</i> in a semi-arid region in Sudan. <i>Soil Science and Plant Nutrition</i> , 2019, 65, 570-578.	1.9	7
18	Expression of seed storage proteins responsible for maintaining kernel traits and wheat flour quality in common wheat under heat stress conditions. <i>Breeding Science</i> , 2021, 71, 184-192.	1.9	7

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19	Harnessing the diversity of wild emmer wheat for genetic improvement of durum wheat. <i>Theoretical and Applied Genetics</i> , 2022, 135, 1671-1684.	3.6	7
20	A New Breeding Strategy towards Introgression and Characterization of Stay-Green QTL for Drought Tolerance in Sorghum. <i>Agriculture (Switzerland)</i> , 2021, 11, 598.	3.1	6
21	Novel molecular marker-assisted strategy for production of wheatâ€™Leymus mollis chromosome addition lines. <i>Scientific Reports</i> , 2018, 8, 16117.	3.3	5
22	Physiological Response of Wheat to Chemical Desiccants Used to Simulate Post-Anthesis Drought Stress. <i>Agronomy</i> , 2018, 8, 44.	3.0	5
23	Traits to Differentiate Lineages and Subspecies of <i>Aegilops tauschii</i> , the D Genome Progenitor Species of Bread Wheat. <i>Diversity</i> , 2021, 13, 217.	1.7	5
24	Effect of fertilizers application and growing environment on physicochemical properties and bread making quality of Sudanese wheat cultivar. <i>Journal of the Saudi Society of Agricultural Sciences</i> , 2018, 17, 376-384.	1.9	3
25	Enhancing Wheat Flour Quality Through Introgression of High-Molecular-Weight Glutenin Subunits From <i>Aegilops tauschii</i> Accessions. <i>Frontiers in Sustainable Food Systems</i> , 2022, 6, .	3.9	3
26	Genome-Wide Association Study of Morpho-Physiological Traits in <i>Aegilops tauschii</i> to Broaden Wheat Genetic Diversity. <i>Plants</i> , 2021, 10, 211.	3.5	2
27	<i>Leymus racemosus</i> : A Potential Species of Gene Pool Enrichment for Wheat Improvement. <i>Sustainable Development and Biodiversity</i> , 2016, , 1-15.	1.7	2