

Muhammad Iqbal

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

839
citations

567281

15
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526287

27
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34
all docs

34
docs citations

34
times ranked

747
citing authors

#	ARTICLE	IF	CITATIONS
1	Flowering time in wheat (<i>Triticum aestivum</i> L.): a key factor for global adaptability. <i>Euphytica</i> , 2014, 197, 1-26.	1.2	168
2	QTLs associated with agronomic traits in the Attila Ã— CDC Go spring wheat population evaluated under conventional management. <i>PLoS ONE</i> , 2017, 12, e0171528.	2.5	68
3	Molecular characterization of vernalization response genes in Canadian spring wheat. <i>Genome</i> , 2007, 50, 511-516.	2.0	57
4	Genetic analysis of flowering and maturity time in high latitude spring wheat. <i>Euphytica</i> , 2007, 154, 207-218.	1.2	55
5	Genetic Improvement in Grain Yield and other Traits of Wheat Grown in Western Canada. <i>Crop Science</i> , 2016, 56, 613-624.	1.8	45
6	QTLs Associated with Agronomic Traits in the Cutler Ã— AC Barrie Spring Wheat Mapping Population Using Single Nucleotide Polymorphic Markers. <i>PLoS ONE</i> , 2016, 11, e0160623.	2.5	36
7	Genetic variation for flowering time and height reducing genes and important traits in western Canadian spring wheat. <i>Euphytica</i> , 2016, 208, 377-390.	1.2	35
8	Mapping QTLs Controlling Agronomic Traits in the Ã— CDC Go Spring Wheat Population under Organic Management using 90K SNP Array. <i>Crop Science</i> , 2017, 57, 365-377.	1.8	30
9	Genome-wide association mapping of genomic regions associated with phenotypic traits in Canadian western spring wheat. <i>Molecular Breeding</i> , 2017, 37, 1.	2.1	30
10	Agronomic and physiological aspects of nitrogen use efficiency in conventional and organic cereal-based production systems. <i>Renewable Agriculture and Food Systems</i> , 2018, 33, 443-466.	1.8	26
11	Population Structure and Genomewide Association Analysis of Resistance to Disease and Insensitivity to Ptr Toxins in Canadian Spring Wheat Using 90K SNP Array. <i>Crop Science</i> , 2017, 57, 1522-1539.	1.8	24
12	Physical mapping of QTL associated with agronomic and end-use quality traits in spring wheat under conventional and organic management systems. <i>Theoretical and Applied Genetics</i> , 2021, 134, 3699-3719.	3.6	23
13	The Effect of Vernalization Genes on Earliness and Related Agronomic Traits of Spring Wheat in Northern Growing Regions. <i>Crop Science</i> , 2007, 47, 1031-1039.	1.8	22
14	Mapping of QTLs associated with resistance to common bunt, tan spot, leaf rust, and stripe rust in a spring wheat population. <i>Molecular Breeding</i> , 2017, 37, 1.	2.1	21
15	Earliness per se quantitative trait loci and their interaction with <i>Vrn-B1</i> locus in a spring wheat population. <i>Molecular Breeding</i> , 2015, 35, 1.	2.1	19
16	Effect of <i>Lr34/Yr18</i> on agronomic and quality traits in a spring wheat mapping population and implications for breeding. <i>Molecular Breeding</i> , 2016, 36, 1.	2.1	18
17	Allelic variation at the <i>Vrn-A1</i> , <i>Vrn-B1</i> , <i>Vrn-D1</i> , <i>Vrn-B3</i> and <i>Ppd-D1a</i> loci of Pakistani spring wheat cultivars. <i>Electronic Journal of Biotechnology</i> , 2001, 14, .	2.2	16
18	Mapping genomic regions controlling agronomic traits in spring wheat under conventional and organic managements. <i>Crop Science</i> , 2020, 60, 2038-2052.	1.8	16

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19	Investigating Genetic Progress and Variation for Nitrogen Use Efficiency in Spring Wheat. <i>Crop Science</i> , 2018, 58, 1542-1557.	1.8	15
20	Mapping QTL Associated with Stripe Rust, Leaf Rust, and Leaf Spotting in a Canadian Spring Wheat Population. <i>Crop Science</i> , 2019, 59, 650-658.	1.8	15
21	Physical Mapping of QTL in Four Spring Wheat Populations under Conventional and Organic Management Systems. I. Earliness. <i>Plants</i> , 2021, 10, 853.	3.5	13
22	Genomic Predictions for Common Bunt, FHB, Stripe Rust, Leaf Rust, and Leaf Spotting Resistance in Spring Wheat. <i>Genes</i> , 2022, 13, 565.	2.4	13
23	Allelic variation and effects of 16 candidate genes on disease resistance in western Canadian spring wheat cultivars. <i>Molecular Breeding</i> , 2017, 37, 1.	2.1	11
24	Genome-based prediction of agronomic traits in spring wheat under conventional and organic management systems. <i>Theoretical and Applied Genetics</i> , 2021, 135, 537.	3.6	10
25	Genetic diversity and selective sweeps in historical and modern Canadian spring wheat cultivars using the 90K SNP array. <i>Scientific Reports</i> , 2021, 11, 23773.	3.3	10
26	Genetic analyses of native Fusarium head blight resistance in two spring wheat populations identifies QTL near the B1, Ppd-D1, Rht-1, Vrn-1, Fhb1, Fhb2, and Fhb5 loci. <i>Theoretical and Applied Genetics</i> , 2020, 133, 2775-2796.	3.6	9
27	Phenotypic performance and associated QTL of "Peace" – "CDC Stanley" mapping population under conventional and organic management systems. <i>Crop Science</i> , 2021, 61, 3469-3483.	1.8	8
28	Determination of Rust Resistance Gene Complex <i>Lr34/Yr18</i> in Spring Wheat and its Effect on Components of Partial Resistance. <i>Journal of Phytopathology</i> , 2012, 160, 628-636.	1.0	5
29	Genome-wide association mapping of agronomic traits and grain characteristics in spring wheat under conventional and organic management systems. <i>Crop Science</i> , 0, , .	1.8	5
30	The performance of spring wheat cultivar mixtures under conventional and organic management in Western Canada. , 2020, 3, e20003.		4
31	Comparison of single-trait and multi-trait genomic predictions on agronomic and disease resistance traits in spring wheat. <i>Theoretical and Applied Genetics</i> , 2022, 135, 2747-2767.	3.6	4
32	There are Different Pathways to Stable Spring Wheat Grain Yield and Nitrogen Utilization Efficiency in Conventional and Organically Managed Systems. <i>Agronomy Journal</i> , 2019, 111, 2370-2377.	1.8	3
33	Genomic Prediction Accuracy of Stripe Rust in Six Spring Wheat Populations by Modeling Genotype by Environment Interaction. <i>Plants</i> , 2022, 11, 1736.	3.5	3
34	Genetic Analysis of Yield and Yield Contributing Quantitative Traits in Bread Wheat Under Sodium Chloride Salinity. <i>Journal of Agricultural Science</i> , 2013, 5, .	0.2	2