

Ahmed Sallam

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,822
citations

394421

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330143

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42
docs citations

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times ranked

1596
citing authors

#	ARTICLE	IF	CITATIONS
1	High-LD SNP markers exhibiting pleiotropic effects on salt tolerance at germination and seedlings stages in spring wheat. <i>Plant Molecular Biology</i> , 2022, 108, 585-603.	3.9	14
2	Combined GWAS and QTL mapping revealed candidate genes and SNP network controlling recovery and tolerance traits associated with drought tolerance in seedling winter wheat. <i>Genomics</i> , 2022, 114, 110358.	2.9	20
3	Genome-Wide Association Mapping Revealed SNP Alleles Associated with Spike Traits in Wheat. <i>Agronomy</i> , 2022, 12, 1469.	3.0	9
4	Identification of Putative SNP Markers Associated with Resistance to Egyptian Loose Smut Race(s) in Spring Barley. <i>Genes</i> , 2022, 13, 1075.	2.4	6
5	Utilization of genetic diversity and marker-trait to improve drought tolerance in rice (<i>Oryza sativa</i> L.). <i>Molecular Biology Reports</i> , 2021, 48, 157-170.	2.3	15
6	Genomic regions associated with leaf wilting traits under drought stress in spring wheat at the seedling stage revealed by GWAS. <i>Environmental and Experimental Botany</i> , 2021, 184, 104393.	4.2	29
7	Positive and negative effects of nanoparticles on agricultural crops. <i>Nanotechnology for Environmental Engineering</i> , 2021, 6, 1.	3.3	31
8	Genetic associations uncover candidate SNP markers and genes associated with salt tolerance during seedling developmental phase in barley. <i>Environmental and Experimental Botany</i> , 2021, 188, 104499.	4.2	28
9	Identification and Validation of High LD Hotspot Genomic Regions Harboring Stem Rust Resistant Genes on 1B, 2A (Sr38), and 7B Chromosomes in Wheat. <i>Frontiers in Genetics</i> , 2021, 12, 749675.	2.3	8
10	Advances in Breeding for Abiotic Stress Tolerance in Wheat. , 2021, , 71-103.		16
11	GWAS revealed effect of genotype \times environment interactions for grain yield of Nebraska winter wheat. <i>BMC Genomics</i> , 2021, 22, 2.	2.8	49
12	Genetic factors controlling nTiO ₂ nanoparticles stress tolerance in barley (<i>Hordeum vulgare</i>) during seed germination and seedling development. <i>Functional Plant Biology</i> , 2021, 48, 1288.	2.1	7
13	GWAS: Fast-forwarding gene identification and characterization in temperate Cereals: lessons from Barley – A review. <i>Journal of Advanced Research</i> , 2020, 22, 119-135.	9.5	227
14	Investigation of Heat-Induced Changes in the Grain Yield and Grains Metabolites, with Molecular Insights on the Candidate Genes in Barley. <i>Agronomy</i> , 2020, 10, 1730.	3.0	24
15	Detailed Genetic Analysis for Identifying QTLs Associated with Drought Tolerance at Seed Germination and Seedling Stages in Barley. <i>Plants</i> , 2020, 9, 1425.	3.5	25
16	Molecular marker dissection of stem rust resistance in Nebraska bread wheat germplasm. <i>Scientific Reports</i> , 2019, 9, 11694.	3.3	14
17	Drought Stress Tolerance in Wheat and Barley: Advances in Physiology, Breeding and Genetics Research. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3137.	4.1	353
18	Genomics-Aided Breeding for Climate-Smart Traits in Faba Bean. , 2019, , 359-395.		5

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19	Effect of <i>Trichoderma</i> spp. on <i>Fusarium</i> wilt disease of tomato. <i>Molecular Biology Reports</i> , 2019, 46, 4463-4470.	2.3	61
20	Marker-trait association for grain weight of spring barley in well-watered and drought environments. <i>Molecular Biology Reports</i> , 2019, 46, 2907-2918.	2.3	15
21	Recent Advances in Wheat (<i>Triticum</i> spp.) Breeding. , 2019, , 559-593.		27
22	Genetic diversity and genetic variation in morpho-physiological traits to improve heat tolerance in Spring barley. <i>Molecular Biology Reports</i> , 2018, 45, 2441-2453.	2.3	24
23	Genetic architecture of common bunt resistance in winter wheat using genome-wide association study. <i>BMC Plant Biology</i> , 2018, 18, 280.	3.6	37
24	Registration of a Bread Wheat Recombinant Inbred Line Mapping Population Derived from a Cross Between 'Harry'™ and 'Wesley'™. <i>Journal of Plant Registrations</i> , 2018, 12, 411-414.	0.5	6
25	Genetic variation in drought tolerance at seedling stage and grain yield in low rainfall environments in wheat (<i>Triticum aestivum</i> L.). <i>Euphytica</i> , 2018, 214, 1.	1.2	43
26	Genome-Wide Association Study for Identification and Validation of Novel SNP Markers for Sr6 Stem Rust Resistance Gene in Bread Wheat. <i>Frontiers in Plant Science</i> , 2018, 9, 380.	3.6	68
27	Genetic Diversity and Population Structure of F3:6 Nebraska Winter Wheat Genotypes Using Genotyping-By-Sequencing. <i>Frontiers in Genetics</i> , 2018, 9, 76.	2.3	183
28	Genetic analysis of winter hardiness and effect of sowing date on yield traits in winter faba bean. <i>Scientia Horticulturae</i> , 2017, 224, 296-301.	3.6	15
29	Genotyping-by-Sequencing Derived High-Density Linkage Map and its Application to QTL Mapping of Flag Leaf Traits in Bread Wheat. <i>Scientific Reports</i> , 2017, 7, 16394.	3.3	103
30	Association Analyses to Genetically Improve Drought and Freezing Tolerance of Faba Bean (<i>Vicia</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 5	1.8	33
31	Validation of RAPD markers associated with frost tolerance in winter faba bean (<i>Vicia faba</i> L.). <i>Turkish Journal of Botany</i> , 2016, 40, 488-495.	1.2	5
32	Identification and Verification of QTL Associated with Frost Tolerance Using Linkage Mapping and GWAS in Winter Faba Bean. <i>Frontiers in Plant Science</i> , 2016, 7, 1098.	3.6	64
33	Association mapping of winter hardiness and yield traits in faba bean (<i>Vicia faba</i> L.). <i>Crop and Pasture Science</i> , 2016, 67, 55.	1.5	30
34	Analysis of population structure and genetic diversity of Egyptian and exotic rice (<i>Oryza sativa</i> L.) genotypes. <i>Comptes Rendus - Biologies</i> , 2016, 339, 1-9.	0.2	64
35	Association mapping for frost tolerance using multi-parent advanced generation inter-cross (MAGIC) population in faba bean (<i>Vicia faba</i> L.). <i>Genetica</i> , 2015, 143, 501-514.	1.1	84
36	Genetic variation in morpho-physiological traits associated with frost tolerance in faba bean (<i>Vicia</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 5	1.2	33

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37	Genetic variation of stem characters in wheat and their relation to kernel weight under drought and heat stresses. Journal of Crop Science and Biotechnology, 2015, 18, 137-146.	1.5	17
38	Inheritance of stem diameter and its relationship to heat and drought tolerance in wheat (Triticum) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 5	0.8	22