

Ahmed Sallam

List of Publications by Year in descending order

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papers

1,822
citations

394421

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all docs

42
docs citations

42
times ranked

1596
citing authors

#	ARTICLE	IF	CITATIONS
1	Drought Stress Tolerance in Wheat and Barley: Advances in Physiology, Breeding and Genetics Research. International Journal of Molecular Sciences, 2019, 20, 3137.	4.1	353
2	GWAS: Fast-forwarding gene identification and characterization in temperate Cereals: lessons from Barley – A review. Journal of Advanced Research, 2020, 22, 119-135.	9.5	227
3	Genetic Diversity and Population Structure of F3:6 Nebraska Winter Wheat Genotypes Using Genotyping-By-Sequencing. Frontiers in Genetics, 2018, 9, 76.	2.3	183
4	Genotyping-by-Sequencing Derived High-Density Linkage Map and its Application to QTL Mapping of Flag Leaf Traits in Bread Wheat. Scientific Reports, 2017, 7, 16394.	3.3	103
5	Association mapping for frost tolerance using multi-parent advanced generation inter-cross (MAGIC) population in faba bean (<i>Vicia faba</i> L.). Genetica, 2015, 143, 501-514.	1.1	84
6	Genome-Wide Association Study for Identification and Validation of Novel SNP Markers for Sr6 Stem Rust Resistance Gene in Bread Wheat. Frontiers in Plant Science, 2018, 9, 380.	3.6	68
7	Identification and Verification of QTL Associated with Frost Tolerance Using Linkage Mapping and GWAS in Winter Faba Bean. Frontiers in Plant Science, 2016, 7, 1098.	3.6	64
8	Analysis of population structure and genetic diversity of Egyptian and exotic rice (<i>Oryza sativa</i> L.) genotypes. Comptes Rendus - Biologies, 2016, 339, 1-9.	0.2	64
9	Effect of <i>Trichoderma</i> spp. on <i>Fusarium</i> wilt disease of tomato. Molecular Biology Reports, 2019, 46, 4463-4470.	2.3	61
10	GWAS revealed effect of genotype × environment interactions for grain yield of Nebraska winter wheat. BMC Genomics, 2021, 22, 2.	2.8	49
11	Genetic variation in drought tolerance at seedling stage and grain yield in low rainfall environments in wheat (<i>Triticum aestivum</i> L.). Euphytica, 2018, 214, 1.	1.2	43
12	Genetic architecture of common bunt resistance in winter wheat using genome-wide association study. BMC Plant Biology, 2018, 18, 280.	3.6	37
13	Genetic variation in morpho-physiological traits associated with frost tolerance in faba bean (<i>Vicia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF 5	1.2	33
14	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
15	Positive and negative effects of nanoparticles on agricultural crops. Nanotechnology for Environmental Engineering, 2021, 6, 1.	3.3	31
16	Association mapping of winter hardiness and yield traits in faba bean (<i>Vicia faba</i> L.). Crop and Pasture Science, 2016, 67, 55.	1.5	30
17	Genomic regions associated with leaf wilting traits under drought stress in spring wheat at the seedling stage revealed by GWAS. Environmental and Experimental Botany, 2021, 184, 104393.	4.2	29
18	Genetic associations uncover candidate SNP markers and genes associated with salt tolerance during seedling developmental phase in barley. Environmental and Experimental Botany, 2021, 188, 104499.	4.2	28

#	ARTICLE	IF	CITATIONS
19	Recent Advances in Wheat (<i>Triticum</i> spp.) Breeding. , 2019, , 559-593.		27
20	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
21	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
22	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
23	Inheritance of stem diameter and its relationship to heat and drought tolerance in wheat (<i>Triticum</i>) Tj ETQq1 1 0.784314 rgBJJ/Overlock	0.8	22
24	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
25	Genetic variation of stem characters in wheat and their relation to kernel weight under drought and heat stresses. <i>Journal of Crop Science and Biotechnology</i> , 2015, 18, 137-146.	1.5	17
26	Advances in Breeding for Abiotic Stress Tolerance in Wheat. , 2021, , 71-103.		16
27	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
28	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
29	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
30	Molecular marker dissection of stem rust resistance in Nebraska bread wheat germplasm. <i>Scientific Reports</i> , 2019, 9, 11694.	3.3	14
31	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
32	Genome-Wide Association Mapping Revealed SNP Alleles Associated with Spike Traits in Wheat. <i>Agronomy</i> , 2022, 12, 1469.	3.0	9
33	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
34	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
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	Validation of RAPD markers associated with frost tolerance in winter faba bean (<i>Vicia faba</i> L.). Turkish Journal of Botany, 2016, 40, 488-495.	1.2	5
38	Genomics-Aided Breeding for Climate-Smart Traits in Faba Bean. , 2019, , 359-395.		5