Susanne Dreisigacker

List of Publications by Year
in descending order

21	695	933447 10	713466 21
papers	citations	h-index	g-index

22	22	22	874
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improving grain yield, stress resilience and quality of bread wheat using large-scale genomics. Nature Genetics, 2019, 51, 1530-1539.	21.4	216
2	Genetic dissection of grain zinc concentration in spring wheat for mainstreaming biofortification in CIMMYT wheat breeding. Scientific Reports, 2018, 8, 13526.	3.3	109
3	Genomic resources in plant breeding for sustainable agriculture. Journal of Plant Physiology, 2021, 257, 153351.	3.5	90
4	Genetic Contribution of Synthetic Hexaploid Wheat to CIMMYTâ€™s Spring Bread Wheat Breeding Germplasm. Scientific Reports, 2019, 9, 12355.	3.3	62
5	Regularized selection indices for breeding value prediction using hyper-spectral image data. Scientific Reports, 2020, 10, 8195.	3.3	32
6	Genomic variants affecting homoeologous gene expression dosage contribute to agronomic trait variation in allopolyploid wheat. Nature Communications, 2022, 13, 826.	12.8	31
7	Harnessing translational research in wheat for climate resilience. Journal of Experimental Botany, 2021, 72, 5134-5157.	4.8	28
8	Effect of allele combinations at Ppdâ€1 loci on durum wheat grain filling at contrasting latitudes. Journal of Agronomy and Crop Science, 2020, 206, 64-75.	3.5	16
9	Tracking the adoption of bread wheat varieties in Afghanistan using DNA fingerprinting. BMC Genomics, 2019, 20, 660.	2.8	14
10	Allelic Variation at Glutenin Loci (Glu-1, Glu-2 and Glu-3) in a Worldwide Durum Wheat Collection and Its Effect on Quality Attributes. Foods, 2021, 10, 2845.	4.3	14
11	Effect of Flowering Time-Related Genes on Biomass, Harvest Index, and Grain Yield in CIMMYT Elite Spring Bread Wheat. Biology, 2021, 10, 855.	2.8	12
12	Comparison of arrayâ€•and sequencingâ€based markers for genomeâ€wide association mapping and genomic prediction in spring wheat. Crop Science, 2020, 60, 211-225.	1.8	11
13	SNP markers for low molecular glutenin subunits (LMW-GSs) at the Glu-A3 and Glu-B3 loci in bread wheat. PLoS ONE, 2020, 15, e0233056.	2.5	9
14	The Effect of Photoperiod Genes and Flowering Time on Yield and Yield Stability in Durum Wheat. Plants, 2020, 9, 1723.	3.5	8
15	Diversity and Adaptation of Currently Grown Wheat Landraces and Modern Germplasm in Afghanistan, Iran, and Turkey. Crops, 2021, 1, 54-67.	1.4	8
16	Bayesian multitrait kernel methods improve multienvironment genome-based prediction. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	8
17	Juvenile Heat Tolerance in Wheat for Attaining Higher Grain Yield by Shifting to Early Sowing in October in South Asia. Genes, 2021, 12, 1808.	2.4	8
18	Genome-Wide Association Study for Resistance to Tan Spot in Synthetic Hexaploid Wheat. Plants, 2022, 11, 433.	3.5	8

#	Article	IF	Citations
19	Genome-Wide Association Study of Root-Lesion Nematodes Pratylenchus Species and Crown Rot Fusarium culmorum in Bread Wheat. Life, 2022, 12, 372.	2.4	6
20	Multi-environment QTL analysis using an updated genetic map of a widely distributed Seriâ€‰Ã—â€‰Babax spring wheat population. Molecular Breeding, 2019, 39, 1.	2.1	2
21	Selection signatures in the CIMMYT International Elite Spring and Semiâ€arid Wheat Yield Trials. Plant Genome, 2022, 15, e20165.	2.8	2