

# Susanne Dreisigacker

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

695  
citations

933447

10  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

874  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selection signatures in the CIMMYT International Elite Spring and Semi-Arid Wheat Yield Trials. <i>Plant Genome</i> , 2022, 15, e20165.	2.8	2
2	Bayesian multitrait kernel methods improve multi-environment genome-based prediction. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	1.8	8
3	Genome-Wide Association Study for Resistance to Tan Spot in Synthetic Hexaploid Wheat. <i>Plants</i> , 2022, 11, 433.	3.5	8
4	Genomic variants affecting homoeologous gene expression dosage contribute to agronomic trait variation in allopolyploid wheat. <i>Nature Communications</i> , 2022, 13, 826.	12.8	31
5	Genome-Wide Association Study of Root-Lesion Nematodes <i>Pratylenchus</i> Species and Crown Rot <i>Fusarium culmorum</i> in Bread Wheat. <i>Life</i> , 2022, 12, 372.	2.4	6
6	Genomic resources in plant breeding for sustainable agriculture. <i>Journal of Plant Physiology</i> , 2021, 257, 153351.	3.5	90
7	Harnessing translational research in wheat for climate resilience. <i>Journal of Experimental Botany</i> , 2021, 72, 5134-5157.	4.8	28
8	Diversity and Adaptation of Currently Grown Wheat Landraces and Modern Germplasm in Afghanistan, Iran, and Turkey. <i>Crops</i> , 2021, 1, 54-67.	1.4	8
9	Effect of Flowering Time-Related Genes on Biomass, Harvest Index, and Grain Yield in CIMMYT Elite Spring Bread Wheat. <i>Biology</i> , 2021, 10, 855.	2.8	12
10	Juvenile Heat Tolerance in Wheat for Attaining Higher Grain Yield by Shifting to Early Sowing in October in South Asia. <i>Genes</i> , 2021, 12, 1808.	2.4	8
11	Allelic Variation at Glutenin Loci (Glu-1, Glu-2 and Glu-3) in a Worldwide Durum Wheat Collection and Its Effect on Quality Attributes. <i>Foods</i> , 2021, 10, 2845.	4.3	14
12	Effect of allele combinations at <i>Ppd-1</i> loci on durum wheat grain filling at contrasting latitudes. <i>Journal of Agronomy and Crop Science</i> , 2020, 206, 64-75.	3.5	16
13	The Effect of Photoperiod Genes and Flowering Time on Yield and Yield Stability in Durum Wheat. <i>Plants</i> , 2020, 9, 1723.	3.5	8
14	Regularized selection indices for breeding value prediction using hyper-spectral image data. <i>Scientific Reports</i> , 2020, 10, 8195.	3.3	32
15	SNP markers for low molecular glutenin subunits (LMW-GSs) at the Glu-A3 and Glu-B3 loci in bread wheat. <i>PLoS ONE</i> , 2020, 15, e0233056.	2.5	9
16	Comparison of array- and sequencing-based markers for genome-wide association mapping and genomic prediction in spring wheat. <i>Crop Science</i> , 2020, 60, 211-225.	1.8	11
17	Genetic Contribution of Synthetic Hexaploid Wheat to CIMMYT's Spring Bread Wheat Breeding Germplasm. <i>Scientific Reports</i> , 2019, 9, 12355.	3.3	62
18	Tracking the adoption of bread wheat varieties in Afghanistan using DNA fingerprinting. <i>BMC Genomics</i> , 2019, 20, 660.	2.8	14

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19	Multi-environment QTL analysis using an updated genetic map of a widely distributed Seri—Babax spring wheat population. <i>Molecular Breeding</i> , 2019, 39, 1.	2.1	2
20	Improving grain yield, stress resilience and quality of bread wheat using large-scale genomics. <i>Nature Genetics</i> , 2019, 51, 1530-1539.	21.4	216
21	Genetic dissection of grain zinc concentration in spring wheat for mainstreaming biofortification in CIMMYT wheat breeding. <i>Scientific Reports</i> , 2018, 8, 13526.	3.3	109