Kirby T Nilsen

List of Publications by Year
in descending order

24 papers	4,108 citations	687363 13 h-index	713466 21 g-index
24 all docs	24 docs citations	24 times ranked	4141 citing authors

#	Article	IF	Citations
1	Recent Advances in Sequencing of Cereal Genomes. Springer Protocols, 2022, , 1-30.	0.3	0
2	Evolutionary divergence in embryo and seed coat development of Uâ€™s Triangle Brassica species illustrated by a spatiotemporal transcriptome atlas. New Phytologist, 2022, 233, 30-51.	7.3	16
3	Introduction to Marker-Assisted Selection in Wheat Breeding. Springer Protocols, 2022, , 77-117.	0.3	9
4	Oat megaâ€environments in Canada. Crop Science, 2021, 61, 1141-1153.	1.8	19
5	Validation of a SNP-KASP marker for the Fusarium head blight resistance quantitative trait loci on chromosome 5AS. Canadian Journal of Plant Science, 2021, 101, 135-139.	0.9	3
6	Alternative splicing dynamics and evolutionary divergence during embryogenesis in wheat species. Plant Biotechnology Journal, 2021, 19, 1624-1643.	8.3	23
7	Stability analysis of stem solidness, grain yield, and grain protein concentration in spring wheat. Canadian Journal of Plant Science, 2021, 101, 456-475.	0.9	4
8	Multiple wheat genomes reveal global variation in modern breeding. Nature, 2020, 588, 277-283.	27.8	513
9	Copy number variation of TdDof controls solid-stemmed architecture in wheat. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28708-28718.	7.1	33
10	Machine learning analyses of methylation profiles uncovers tissueâ€specific gene expression patterns in wheat. Plant Genome, 2020, 13, e20027.	2.8	13
11	Histology and RNA Sequencing Provide Insights Into Fusarium Head Blight Resistance in AAC Tenacious. Frontiers in Plant Science, 2020, 11, 570418.	3.6	10
12	Fusarium Head Blight in Durum Wheat: Recent Status, Breeding Directions, and Future Research Prospects. Phytopathology, 2019, 109, 1664-1675.	2.2	77
13	The Transcriptional Landscape of Polyploid Wheats and Their Diploid Ancestors during Embryogenesis and Grain Development. Plant Cell, 2019, 31, 2888-2911.	6.6	57
14	Mapping of Genetic Loci Conferring Resistance to Leaf Rust From Three Globally Resistant Durum Wheat Sources. Frontiers in Plant Science, 2019, 10, 1247.	3.6	21
15	Haplotype Loci Under Selection in Canadian Durum Wheat Germplasm Over 60 Years of Breeding: Association With Grain Yield, Quality Traits, Protein Loss, and Plant Height. Frontiers in Plant Science, 2018, 9, 1589.	3.6	29
16	Genetic analysis of resistance to stripe rust in durum wheat (Triticum turgidum L. var. durum). PLoS ONE, 2018, 13, e0203283.	2.5	17
17	Characterization and mapping of leaf rust resistance in four durum wheat cultivars. PLoS ONE, 2018, 13, e0197317.	2.5	23
18	The transcriptional landscape of polyploid wheat. Science, 2018, 361, .	12.6	768

#	Article	IF	Citations
19	Shifting the limits in wheat research and breeding using a fully annotated reference genome. Science, 2018, 361, .	12.6	2,424
20	High density mapping and haplotype analysis of the major stem-solidness locus SSt1 in durum and common wheat. PLoS ONE, 2017, 12, e0175285.	2.5	23
21	Sowing Density and Cultivar Effects on Pith Expression in Solidâ€Stemmed Durum Wheat. Agronomy Journal, 2016, 108, 219-228.	1.8	15
22	CDC Fortitude durum wheat. Canadian Journal of Plant Science, 2015, 95, 1013-1019.	0.9	8
23	AAC Oravena oat. Canadian Journal of Plant Science, 0, , .	0.9	3
24	AAC Hodge Canada Western Red Spring wheat. Canadian Journal of Plant Science, 0, , .	0.9	0