

# Kirby T Nilsen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6930344/publications.pdf>

Version: 2024-02-01

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	Shifting the limits in wheat research and breeding using a fully annotated reference genome. <i>Science</i> , 2018, 361, .	12.6	2,424
2	The transcriptional landscape of polyploid wheat. <i>Science</i> , 2018, 361, .	12.6	768
3	Multiple wheat genomes reveal global variation in modern breeding. <i>Nature</i> , 2020, 588, 277-283.	27.8	513
4	Fusarium Head Blight in Durum Wheat: Recent Status, Breeding Directions, and Future Research Prospects. <i>Phytopathology</i> , 2019, 109, 1664-1675.	2.2	77
5	The Transcriptional Landscape of Polyploid Wheats and Their Diploid Ancestors during Embryogenesis and Grain Development. <i>Plant Cell</i> , 2019, 31, 2888-2911.	6.6	57
6	Copy number variation of <i>TdDof</i> controls solid-stemmed architecture in wheat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28708-28718.	7.1	33
7	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. <i>Frontiers in Plant Science</i> , 2018, 9, 1589.	3.6	29
8	High density mapping and haplotype analysis of the major stem-solidness locus <i>SSt1</i> in durum and common wheat. <i>PLoS ONE</i> , 2017, 12, e0175285.	2.5	23
9	Characterization and mapping of leaf rust resistance in four durum wheat cultivars. <i>PLoS ONE</i> , 2018, 13, e0197317.	2.5	23
10	Alternative splicing dynamics and evolutionary divergence during embryogenesis in wheat species. <i>Plant Biotechnology Journal</i> , 2021, 19, 1624-1643.	8.3	23
11	Mapping of Genetic Loci Conferring Resistance to Leaf Rust From Three Globally Resistant Durum Wheat Sources. <i>Frontiers in Plant Science</i> , 2019, 10, 1247.	3.6	21
12	Oat mega-environments in Canada. <i>Crop Science</i> , 2021, 61, 1141-1153.	1.8	19
13	Genetic analysis of resistance to stripe rust in durum wheat ( <i>Triticum turgidum</i> L. var. durum). <i>PLoS ONE</i> , 2018, 13, e0203283.	2.5	17
14	Evolutionary divergence in embryo and seed coat development of <i>Brassica</i> species illustrated by a spatiotemporal transcriptome atlas. <i>New Phytologist</i> , 2022, 233, 30-51.	7.3	16
15	Sowing Density and Cultivar Effects on Pith Expression in Solid-Stemmed Durum Wheat. <i>Agronomy Journal</i> , 2016, 108, 219-228.	1.8	15
16	Machine learning analyses of methylation profiles uncovers tissue-specific gene expression patterns in wheat. <i>Plant Genome</i> , 2020, 13, e20027.	2.8	13
17	Histology and RNA Sequencing Provide Insights Into Fusarium Head Blight Resistance in AAC Tenacious. <i>Frontiers in Plant Science</i> , 2020, 11, 570418.	3.6	10
18	Introduction to Marker-Assisted Selection in Wheat Breeding. <i>Springer Protocols</i> , 2022, , 77-117.	0.3	9

#	ARTICLE	IF	CITATIONS
19	CDC Fortitude durum wheat. Canadian Journal of Plant Science, 2015, 95, 1013-1019.	0.9	8
20	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
21	Validation of a SNP-KASP marker for the <i>Fusarium</i> head blight resistance quantitative trait loci on chromosome 5AS. Canadian Journal of Plant Science, 2021, 101, 135-139.	0.9	3
22	AAC Oravena oat. Canadian Journal of Plant Science, 0, , .	0.9	3
23	Recent Advances in Sequencing of Cereal Genomes. Springer Protocols, 2022, , 1-30.	0.3	0
24	AAC Hodge Canada Western Red Spring wheat. Canadian Journal of Plant Science, 0, , .	0.9	0