

# Alex P Whan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5668909/publications.pdf>

Version: 2024-02-01

17  
papers

2,504  
citations

840776

11  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2811  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of polyploid wheat genomic diversity using a high-density 90,000 single nucleotide polymorphism array. <i>Plant Biotechnology Journal</i> , 2014, 12, 787-796.	8.3	1,828
2	GrainScan: a low cost, fast method for grain size and colour measurements. <i>Plant Methods</i> , 2014, 10, 23.	4.3	132
3	Transcriptomic analysis of wheat near-isogenic lines identifies PM19-A1 and A2 as candidates for a major dormancy QTL. <i>Genome Biology</i> , 2015, 16, 93.	8.8	125
4	Multi-parent populations in crops: a toolbox integrating genomics and genetic mapping with breeding. <i>Heredity</i> , 2020, 125, 396-416.	2.6	124
5	Engineering $\uparrow$ -amylase levels in wheat grain suggests a highly sophisticated level of carbohydrate regulation during development. <i>Journal of Experimental Botany</i> , 2014, 65, 5443-5457.	4.8	48
6	Does Late Maturity Alpha-Amylase Impact Wheat Baking Quality?. <i>Frontiers in Plant Science</i> , 2018, 9, 1356.	3.6	41
7	Sugarcane genotypes differ in internal nitrogen use efficiency. <i>Functional Plant Biology</i> , 2007, 34, 1122.	2.1	40
8	Engineering high $\uparrow$ -amylase levels in wheat grain lowers $\downarrow$ alling $\downarrow$ umber but improves baking properties. <i>Plant Biotechnology Journal</i> , 2016, 14, 364-376.	8.3	40
9	Suppression of glucan, water dikinase in the endosperm alters wheat grain properties, germination and coleoptile growth. <i>Plant Biotechnology Journal</i> , 2016, 14, 398-408.	8.3	29
10	Developing data interoperability using standards: A wheat community use case. <i>F1000Research</i> , 2017, 6, 1843.	1.6	20
11	A quantitative genetics approach to nitrogen use efficiency in sugarcane. <i>Functional Plant Biology</i> , 2010, 37, 448.	2.1	12
12	Adult plant stem rust resistance in durum wheat Glossy Huguenot: mapping, marker development and validation. <i>Theoretical and Applied Genetics</i> , 2022, 135, 1541-1550.	3.6	11
13	A durum wheat adult plant stripe rust resistance QTL and its relationship with the bread wheat Yr80 locus. <i>Theoretical and Applied Genetics</i> , 2020, 133, 3049-3066.	3.6	10
14	Poor Fertility, Short Longevity, and Low Abundance in the Soil Seed Bank Limit Volunteer Sugarcane from Seed. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 83.	4.1	5
15	Increased accuracy of starch granule type quantification using mixture distributions. <i>Plant Methods</i> , 2017, 13, 107.	4.3	5
16	Transferring a Biomass Enhancement Biotechnology from Glasshouse to Field: A Case Study on Wheat GWD RNAi. <i>Agronomy</i> , 2017, 7, 82.	3.0	2
17	Accurate calling of homeoallelic genotypes of iSelect markers using inbred structured populations. <i>Bioinformatics</i> , 2020, 36, 4240-4247.	4.1	0