

Curtis Pozniak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11997791/publications.pdf>

Version: 2024-02-01

25
papers

5,664
citations

430874

18
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

4735
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	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
3	A high-density, SNP-based consensus map of tetraploid wheat as a bridge to integrate durum and bread wheat genomics and breeding. <i>Plant Biotechnology Journal</i> , 2015, 13, 648-663.	8.3	386
4	Exome sequencing highlights the role of wild-relative introgression in shaping the adaptive landscape of the wheat genome. <i>Nature Genetics</i> , 2019, 51, 896-904.	21.4	225
5	A haplotype map of allohexaploid wheat reveals distinct patterns of selection on homoeologous genomes. <i>Genome Biology</i> , 2015, 16, 48.	8.8	216
6	A haplotype-led approach to increase the precision of wheat breeding. <i>Communications Biology</i> , 2020, 3, 712.	4.4	68
7	QTLs associated with agronomic traits in the Attila CDC Go spring wheat population evaluated under conventional management. <i>PLoS ONE</i> , 2017, 12, e0171528.	2.5	68
8	Grain protein content and thousand kernel weight QTLs identified in a durum-wild emmer wheat mapping population tested in five environments. <i>Theoretical and Applied Genetics</i> , 2020, 133, 119-131.	3.6	47
9	The Global Durum Wheat Panel (GDP): An International Platform to Identify and Exchange Beneficial Alleles. <i>Frontiers in Plant Science</i> , 2020, 11, 569905.	3.6	44
10	Genome Based Meta-QTL Analysis of Grain Weight in Tetraploid Wheat Identifies Rare Alleles of GRF4 Associated with Larger Grains. <i>Genes</i> , 2018, 9, 636.	2.4	37
11	QTLs Associated with Agronomic Traits in the Cutler AC Barrie Spring Wheat Mapping Population Using Single Nucleotide Polymorphic Markers. <i>PLoS ONE</i> , 2016, 11, e0160623.	2.5	36
12	High Density Single Nucleotide Polymorphism (SNP) Mapping and Quantitative Trait Loci (QTL) Analysis in a Biparental Spring Triticale Population Localized Major and Minor Effect Fusarium Head Blight Resistance and Associated Traits QTL. <i>Genes</i> , 2018, 9, 19.	2.4	32
13	Mapping QTLs Controlling Agronomic Traits in the Attila CDC Go Spring Wheat Population under Organic Management using 90K SNP Array. <i>Crop Science</i> , 2017, 57, 365-377.	1.8	30
14	Genome-wide association mapping of genomic regions associated with phenotypic traits in Canadian western spring wheat. <i>Molecular Breeding</i> , 2017, 37, 1.	2.1	30
15	Genome-wide Association Study of Agronomic Traits in a Spring-Planted North American Elite Hard Red Spring Wheat Panel. <i>Crop Science</i> , 2018, 58, 1838-1852.	1.8	29
16	Population Structure and Genomewide Association Analysis of Resistance to Disease and Insensitivity to Ptr Toxins in Canadian Spring Wheat Using 90K SNP Array. <i>Crop Science</i> , 2017, 57, 1522-1539.	1.8	24
17	Durum wheat genomics comes of age. <i>Molecular Breeding</i> , 2014, 34, 1527-1530.	2.1	23
18	Three previously characterized resistances to yellow rust are encoded by a single locus Wtk1. <i>Journal of Experimental Botany</i> , 2020, 71, 2561-2572.	4.8	23

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19	Physical mapping of QTL associated with agronomic and end-use quality traits in spring wheat under conventional and organic management systems. <i>Theoretical and Applied Genetics</i> , 2021, 134, 3699-3719.	3.6	23
20	Physical Mapping of QTL in Four Spring Wheat Populations under Conventional and Organic Management Systems. I. Earliness. <i>Plants</i> , 2021, 10, 853.	3.5	13
21	Genomic Predictions for Common Bunt, FHB, Stripe Rust, Leaf Rust, and Leaf Spotting Resistance in Spring Wheat. <i>Genes</i> , 2022, 13, 565.	2.4	13
22	Allelic variation and effects of 16 candidate genes on disease resistance in western Canadian spring wheat cultivars. <i>Molecular Breeding</i> , 2017, 37, 1.	2.1	11
23	Genome-based prediction of agronomic traits in spring wheat under conventional and organic management systems. <i>Theoretical and Applied Genetics</i> , 2021, 135, 537.	3.6	10
24	Genetic diversity and selective sweeps in historical and modern Canadian spring wheat cultivars using the 90K SNP array. <i>Scientific Reports</i> , 2021, 11, 23773.	3.3	10
25	Comparison of single-trait and multi-trait genomic predictions on agronomic and disease resistance traits in spring wheat. <i>Theoretical and Applied Genetics</i> , 2022, 135, 2747-2767.	3.6	4