

Charlene P Wight

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

907
citations

516710

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docs citations

25
times ranked

825
citing authors

#	ARTICLE	IF	CITATIONS
1	GrainGenes: Tools and Content to Assist Breeders Improving Oat Quality. <i>Foods</i> , 2022, 11, 914.	4.3	2
2	GrainGenes: a data-rich repository for small grains genetics and genomics. <i>Database: the Journal of Biological Databases and Curation</i> , 2022, 2022, .	3.0	22
3	Genome analysis in <i>Avena sativa</i> reveals hidden breeding barriers and opportunities for oat improvement. <i>Communications Biology</i> , 2022, 5, 474.	4.4	23
4	New evidence confirming the CD genomic constitutions of the tetraploid <i>Avena</i> species in the section <i>Pachycarpa</i> Baum. <i>PLoS ONE</i> , 2021, 16, e0240703.	2.5	11
5	Mapping of the stem rust resistance gene Pg13 in cultivated oat. <i>Theoretical and Applied Genetics</i> , 2020, 133, 259-270.	3.6	11
6	A genetic linkage map in southern spring oat identifies multiple quantitative trait loci for adaptation and rust resistance. <i>Plant Breeding</i> , 2019, 138, 82-94.	1.9	17
7	Comparative linkage mapping of diploid, tetraploid, and hexaploid <i>Avena</i> species suggests extensive chromosome rearrangement in ancestral diploids. <i>Scientific Reports</i> , 2019, 9, 12298.	3.3	26
8	OUP accepted manuscript. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	50
9	Haplotype-based genotyping-by-sequencing in oat genome research. <i>Plant Biotechnology Journal</i> , 2018, 16, 1452-1463.	8.3	86
10	Genomic relationships among sixteen species of <i>Avena</i> based on (ACT)6 trinucleotide repeat FISH. <i>Genome</i> , 2018, 61, 63-70.	2.0	12
11	Genetic mapping and a new PCR-based marker linked to a dwarfing gene in oat (<i>Avena sativa</i> L.). <i>Genome</i> , 2018, 61, 497-503.	2.0	3
12	Screening Oat Genotypes for Tolerance to Salinity and Alkalinity. <i>Frontiers in Plant Science</i> , 2018, 9, 1302.	3.6	33
13	Conferring resistance to pre-harvest sprouting in durum wheat by a QTL identified in <i>Triticum spelta</i> . <i>Euphytica</i> , 2017, 213, 1.	1.2	8
14	Population Genomics Related to Adaptation in Elite Oat Germplasm. <i>Plant Genome</i> , 2016, 9, plantgenome2015.10.0103.	2.8	55
15	High-density marker profiling confirms ancestral genomes of <i>Avena</i> species and identifies D-genome chromosomes of hexaploid oat. <i>Theoretical and Applied Genetics</i> , 2016, 129, 2133-2149.	3.6	56
16	A Consensus Map in Cultivated Hexaploid Oat Reveals Conserved Grass Synteny with Substantial Subgenome Rearrangement. <i>Plant Genome</i> , 2016, 9, plantgenome2015.10.0102.	2.8	85
17	Centromeric position and genomic allocation of a repetitive sequence isolated from chromosome 18D of hexaploid oat, <i>Avena sativa</i> L. <i>Genetic Resources and Crop Evolution</i> , 2015, 62, 1-4.	1.6	15
18	Using Genotyping-By-Sequencing (GBS) for Genomic Discovery in Cultivated Oat. <i>PLoS ONE</i> , 2014, 9, e102448.	2.5	147

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19	Tagging and mapping candidate loci for vernalization and flower initiation in hexaploid oat. <i>Molecular Breeding</i> , 2012, 30, 1295-1312.	2.1	23
20	A Set of New Simple Sequence Repeat and Avenin DNA Markers Suitable for Mapping and Fingerprinting Studies in Oat (<i>Avena</i> spp.). <i>Crop Science</i> , 2010, 50, 1207-1218.	1.8	21
21	Loci affecting flowering time in oat under short-day conditions. <i>Genome</i> , 2006, 49, 1528-1538.	2.0	25
22	Discovery, localization, and sequence characterization of molecular markers for the crown rust resistance genes Pc38, Pc39, and Pc48 in cultivated oat (<i>Avena sativa</i> L.). <i>Molecular Breeding</i> , 2005, 14, 349-361.	2.1	8
23	Discovery, localization, and sequence characterization of molecular markers for the crown rust resistance genes Pc38, Pc39, and Pc48 in cultivated oat (<i>Avena sativa</i> L.). <i>Molecular Breeding</i> , 2004, 14, 349-361.	2.1	40
24	A molecular marker map in 'Kanota' and 'Ogle' hexaploid oat (<i>Avena</i> spp.) enhanced by additional markers and a robust framework. <i>Genome</i> , 2003, 46, 28-47.	2.0	107
25	The identification of random amplified polymorphic DNA markers for daylength insensitivity in oat. <i>Genome</i> , 1994, 37, 910-914.	2.0	21