

Charlene P Wight

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

907
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516561

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docs citations

25
times ranked

825
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Genotyping-By-Sequencing (GBS) for Genomic Discovery in Cultivated Oat. PLoS ONE, 2014, 9, e102448.	1.1	147
2	A molecular marker map in 'Kanota' – 'Ogle' hexaploid oat (<i>Avena</i> spp.) enhanced by additional markers and a robust framework. <i>Genome</i> , 2003, 46, 28-47.	0.9	107
3	Haplotype-based genotyping-by-sequencing in oat genome research. <i>Plant Biotechnology Journal</i> , 2018, 16, 1452-1463.	4.1	86
4	A Consensus Map in Cultivated Hexaploid Oat Reveals Conserved Grass Synteny with Substantial Subgenome Rearrangement. <i>Plant Genome</i> , 2016, 9, plantgenome2015.10.0102.	1.6	85
5	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.	1.8	56
6	Population Genomics Related to Adaptation in Elite Oat Germplasm. <i>Plant Genome</i> , 2016, 9, plantgenome2015.10.0103.	1.6	55
7	OUP accepted manuscript. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	50
8	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.	1.0	40
9	Screening Oat Genotypes for Tolerance to Salinity and Alkalinity. <i>Frontiers in Plant Science</i> , 2018, 9, 1302.	1.7	33
10	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.	1.6	26
11	Loci affecting flowering time in oat under short-day conditions. <i>Genome</i> , 2006, 49, 1528-1538.	0.9	25
12	Tagging and mapping candidate loci for vernalization and flower initiation in hexaploid oat. <i>Molecular Breeding</i> , 2012, 30, 1295-1312.	1.0	23
13	Genome analysis in <i>Avena sativa</i> reveals hidden breeding barriers and opportunities for oat improvement. <i>Communications Biology</i> , 2022, 5, 474.	2.0	23
14	GrainGenes: a data-rich repository for small grains genetics and genomics. Database: the Journal of Biological Databases and Curation, 2022, 2022, .	1.4	22
15	The identification of random amplified polymorphic DNA markers for daylength insensitivity in oat. <i>Genome</i> , 1994, 37, 910-914.	0.9	21
16	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.	0.8	21
17	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.	1.0	17
18	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.	0.8	15

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19	Genomic relationships among sixteen species of <i>Avena</i> based on (ACT) ₆ trinucleotide repeat FISH. <i>Genome</i> , 2018, 61, 63-70.	0.9	12
20	Mapping of the stem rust resistance gene Pg13 in cultivated oat. <i>Theoretical and Applied Genetics</i> , 2020, 133, 259-270.	1.8	11
21	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.	1.1	11
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.	1.0	8
23	Conferring resistance to pre-harvest sprouting in durum wheat by a QTL identified in <i>Triticum spelta</i> . <i>Euphytica</i> , 2017, 213, 1.	0.6	8
24	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.	0.9	3
25	GrainGenes: Tools and Content to Assist Breeders Improving Oat Quality. <i>Foods</i> , 2022, 11, 914.	1.9	2