# Charlene P Wight

List of Publications by Year
in descending order



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|---|---|---|---|
| 25 papers | 907 citations | 516561 16 h-index | 580701 25 g-index |
| 25 all docs | 25 docs citations | 25 times ranked | 825 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | GrainGenes: Tools and Content to Assist Breeders Improving Oat Quality. Foods, 2022, 11, 914. | 1.9 | 2 |
| 2 | GrainGenes: a data-rich repository for small grains genetics and genomics. Database: the Journal of Biological Databases and Curation, 2022, 2022, . | 1.4 | 22 |
| 3 | Genome analysis in Avena sativa reveals hidden breeding barriers and opportunities for oat improvement. Communications Biology, 2022, 5, 474. | 2.0 | 23 |
| 4 | New evidence confirming the CD genomic constitutions of the tetraploid Avena species in the section Pachycarpa Baum. PLoS ONE, 2021, 16, e0240703. | 1.1 | 11 |
| 5 | Mapping of the stem rust resistance gene Pg13 in cultivated oat. Theoretical and Applied Genetics, 2020, 133, 259-270. | 1.8 | 11 |
| 6 | A genetic linkage map in southernâ€byâ€spring oat identifies multiple quantitative trait loci for adaptation and rust resistance. Plant Breeding, 2019, 138, 82-94. | 1.0 | 17 |
| 7 | Comparative linkage mapping of diploid, tetraploid, and hexaploid Avena species suggests extensive chromosome rearrangement in ancestral diploids. Scientific Reports, 2019, 9, 12298. | 1.6 | 26 |
| 8 | OUP accepted manuscript. Database: the Journal of Biological Databases and Curation, 2019, 2019, . | 1.4 | 50 |
| 9 | Haplotypeâ€based genotypingâ€byâ€sequencing in oat genome research. Plant Biotechnology Journal, 2018, 16, 1452-1463. | 4.1 | 86 |
| 10 | Genomic relationships among sixteen species of Avena based on (ACT)6 trinucleotide repeat FISH. Genome, 2018, 61, 63-70. | 0.9 | 12 |
| 11 | Genetic mapping and a new PCR-based marker linked to a dwarfing gene in oat (Avena sativa L.). Genome, 2018, 61, 497-503. | 0.9 | 3 |
| 12 | Screening Oat Genotypes for Tolerance to Salinity and Alkalinity. Frontiers in Plant Science, 2018, 9, 1302. | 1.7 | 33 |
| 13 | Conferring resistance to pre-harvest sprouting in durum wheat by a QTL identified in Triticum spelta. Euphytica, 2017, 213, 1. | 0.6 | 8 |
| 14 | Population Genomics Related to Adaptation in Elite Oat Germplasm. Plant Genome, 2016, 9, plantgenome2015.10.0103. | 1.6 | 55 |
| 15 | High-density marker profiling confirms ancestral genomes of Avena species and identifies D-genome chromosomes of hexaploid oat. Theoretical and Applied Genetics, 2016, 129, 2133-2149. | 1.8 | 56 |
| 16 | A Consensus Map in Cultivated Hexaploid Oat Reveals Conserved Grass Synteny with Substantial Subgenome Rearrangement. Plant Genome, 2016, 9, plantgenome2015.10.0102. | 1.6 | 85 |
| 17 | Centromeric position and genomic allocation of a repetitive sequence isolated from chromosome 18D of hexaploid oat, Avena sativa L.. Genetic Resources and Crop Evolution, 2015, 62, 1-4. | 0.8 | 15 |
| 18 | Using Genotyping-By-Sequencing (GBS) for Genomic Discovery in Cultivated Oat. PLoS ONE, 2014, 9, e102448. | 1.1 | 147 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Tagging and mapping candidate loci for vernalization and flower initiation in hexaploid oat. Molecular Breeding, 2012, 30, 1295-1312. | 1.0 | 23 |
| 20 | A Set of New Simple Sequence Repeat and Avenin DNA Markers Suitable for Mapping and Fingerprinting Studies in Oat (Avena spp.). Crop Science, 2010, 50, 1207-1218. | 0.8 | 21 |
| 21 | Loci affecting flowering time in oat under short-day conditions. Genome, 2006, 49, 1528-1538. | 0.9 | 25 |
| 22 | Discovery, localization, and sequence characterization of molecular markers for the crown rust resistance genes Pc38, Pc39, and Pc48 in cultivated oat (Avena sativa L.). Molecular Breeding, 2005, 14, 349-361. | 1.0 | 8 |
| 23 | Discovery, localization, and sequence characterization of molecular markers for the crown rust resistance genes Pc38, Pc39, and Pc48 in cultivated oat (Avena sativa L.). Molecular Breeding, 2004, 14, 349-361. | 1.0 | 40 |
| 24 | A molecular marker map in 'Kanota' Ã— 'Ogle' hexaploid oat (Avenaspp.) enhanced by additional markers and a robust framework. Genome, 2003, 46, 28-47. | 0.9 | 107 |
| 25 | The identification of random amplified polymorphic DNA markers for daylength insensitivity in oat. Genome, 1994, 37, 910-914. | 0.9 | 21 |