



POSTER LIST

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PRIMA-DROMAMED: identifying new sources of adaptation to heat and drought within Mediterranean maize germplasm

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Mutants in ZmFdl1 and ZmGl2 genes affect cuticle deposition and Fusarium verticillioides growth on maize silks

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Functional analysis of RALF gene family members in maize and their evolution

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Boron deficiency leads to lateral root defects in maize

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Canopy architecture and nitrogen vertical distribution enhance yield performance in maize cultivars from old to new

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Characterization of Nrf4-like, a homologue of Non-reduction in female4 (Nrf4), an apomixis candidate gene in maize

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Reduction in fertility after moderate heat stress application during silking of maize ears

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Towards Understanding and Utilizing Environment-Sensitive PhasiRNA-Dependent Male Sterility (EPMS) in Maize

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Dissecting Early Maize Embryogenesis through Single-Cell Transcriptomics

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The impact of chilling and its recovery on cell division and expansion depends on the stage of maize leaf development

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Mountain areas as biodiversity hotspot: discovery and characterization of maize landraces in Valle d'Aosta region

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Mapping QTL of drought related traits in a dent MAGIC population

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Can functional-structural plants models contribute to improving maize nitrogen uptake?

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Genetic variability for root system architecture (RSA) in Italian maize inbred lines

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Characterizing heterosis in a set of recombinant intercrosses (RIXs) developed from a multiparental maize population.

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Characterization of the DCL2-homologous gene in Zea mays L.

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Towards the identification of ubiquitinated targets important for meiotic chromosome dynamics in maize

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Maize resistance to *Fusarium verticillioides* by CRISPR/CAS9 gene editing approach of a WRKY gene and overexpression of a lipoxygenase gene.

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Exploring maize biodiversity and microbiome in local varieties as strategic tools to face abiotic and biotic stresses

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Characterization of the Meiotic Cyclin SOLO DANCERS (SDS) in Maize

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Boosting drought tolerance in key cereals in the era of climate change

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Live cell imaging reveals dynamics of the class I crossover protein HEI10 during maize meiosis

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The Proteomes that Feed the World

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P. 24 *Understanding the Molecular Mechanism of Parthenogenesis in Cereals*

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