

1. Record Nr.	UNINA9910698169503321
Autore	Fendick Robert B
Titolo	Louisiana ground-water map no. 22: generalized potentiometric surface of the Amite Aquifer and the "2,800-Foot" sand of the Baton Rouge area in southeastern Louisiana, June-August 2006 [[electronic resource] /] / by Robert B. Fendick, Jr. ; U.S. Department of the Interior, U.S. Geological Survey ; prepared in cooperation with Louisiana Department of Transportation and Development Office of Public Works, Hurricane Flood Protection , and Intermodal Transportation Water Resources Programs
Pubbl/distr/stampa	[Reston, Va.?] : , : U.S. Dept. of the interior, U.S. Geological Survey, , 2007
Edizione	[Version 1.]
Descrizione fisica	1 online resource (1 map) : color
Collana	Scientific investigations map ; ; 2984
Soggetti	Aquifers - Louisiana Water table - Louisiana Groundwater - Louisiana Maps.
Lingua di pubblicazione	Inglese
Formato	Materiale cartografico a stampa
Livello bibliografico	Monografia
Note generali	Title from HTML index page (viewed on July 1, 2008). Includes index map, text, 2 tables, 2 charts, 6 graphs.
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910346661203321
Autore	Martínez-Gómez Pedro
Titolo	Plant Genetics and Molecular Breeding / Pedro Martínez-Gómez
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2019 Basel, Switzerland : , : MDPI, , 2019
ISBN	9783039211760 3039211765
Descrizione fisica	1 electronic resource (628 p.)
Soggetti	Biology, life sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>The development of new plant varieties is a long and tedious process involving the generation of large seedling populations for the selection of the best individuals. While the ability of breeders to generate large populations is almost unlimited, the selection of these seedlings is the main factor limiting the generation of new cultivars. Molecular studies for the development of marker-assisted selection (MAS) strategies are particularly useful when the evaluation of the character is expensive, time-consuming, or with long juvenile periods. The papers published in the Special Issue "Plant Genetics and Molecular Breeding" report highly novel results and testable new models for the integrative analysis of genetic (phenotyping and transmission of agronomic characters), physiology (flowering, ripening, organ development), genomic (DNA regions responsible for the different agronomic characters), transcriptomic (gene expression analysis of the characters), proteomic (proteins and enzymes involved in the expression of the characters), metabolomic (secondary metabolites), and epigenetic (DNA methylation and histone modifications) approaches for the development of new MAS strategies. These molecular approaches together with an increasingly accurate phenotyping will facilitate the breeding of new climate-resilient varieties resistant to abiotic and biotic stress, with suitable productivity and quality, to extend the adaptation and viability of the</p>

current varieties.

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