1. Record Nr. UNINA9910705817603321

Autore	DellaCorte Christopher
Titolo	The evaluation of a modified chrome oxide based high temperature solid lubricant coating for foil gas bearings / / Chris DellaCorte
Pubbl/distr/stampa	Cleveland, Ohio : , : National Aeronautics and Space Administration, Lewis Research Center, , October 1998
Descrizione fisica	1 online resource (13 pages) : illustrations
Collana	NASA/TM ; ; 1998-208660
Soggetti	Turbomachinery Solid lubricants Lubricants High temperature lubricants Heat resistant alloys Gas bearings Foil bearings Chromium oxides Chromium alloys
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"October 1998." "Prepared for the Annual Meeting sponsored by the Society of Tribologists and Lubrication Engineers, Las Vegas, Nevada, May 23-27, 1999." "Performing organization: National Aeronautics and Space Administration, Lewis Research Center"--Report documentation page.
Nota di bibliografia	Includes bibliographical references (pages 6-7).

2. Record Nr. UNINA9910255458303321

Titolo	The Chickpea Genome / / edited by Rajeev K. Varshney, Mahendar Thudi, Fred Muehlbauer
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-66117-5
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XVII, 142 p. 28 illus.)
Collana	Compendium of Plant Genomes, , 2199-479X
Disciplina	635.657
Soggetti	Plant genetics Plant biotechnology Agriculture Plant Genetics Plant Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	The Chickpea Genome: An Introduction -- Economic importance of chickpea: production, value and world trade -- Botany of chickpea -- Cytogenetics of Cicer -- Managing and Discovering Agronomically Beneficial Traits in Chickpea Germplasm Collections -- Advances in chickpea genomic resources for accelerating the crop improvement -- Classical genetics and gene mapping -- Genetic mapping and quantitative trait loci -- Requirement of whole-genome sequencing and background history of the national and international genome initiatives -- Sequencing the Chickpea Genome -- Impact of Genomics on Chickpea Breeding -- Future Prospects for Chickpea Research.
Sommario/riassunto	This book sheds new light on the chickpea genome sequencing and resequencing of chickpea germplasm lines and provides insights into classical genetics, cytogenetics, and trait mapping. It also offers an overview of the latest advances in genome sequencing and analysis. The growing human population, rapid climate changes and limited amounts of arable land are creating substantial challenges in connection with the availability and affordability of nutritious food for smallholder farmers in developing countries. In this context, climate

smart crops are essential to alleviating the hunger of the millions of poor and undernourished people living in developing countries. In addition to cereals, grain legumes are an integral part of the human diet and provide sustainable income for smallholder farmers in the arid and semi-arid regions of the world. Among grain legumes, the chickpea (Cicer arietinum) is the second most important in terms of production and productivity. Besidesbeing a rich source of proteins, it can x atmospheric nitrogen through symbiosis with rhizobia and increase the input of combined nitrogen. Several abiotic stresses like drought, heat, salinity, together with biotic stresses like Fusarium wilt, Ascochyta blight, and Botrytis grey mould have led to production losses, as the chickpeas is typically grown in the harsh climates of our planet’s semi-arid regions.