1. Record Nr. UNINA9910782565303321

Titolo	Advances in rice genetics [[electronic resource] /] / edited by G.S. Khush, D.S. Brar, and B. Hardy
Pubbl/distr/stampa	[Manila, Philippines], : International Rice Research Institute, 2003
ISBN	1-281-96809-9 981-281-431-0
Descrizione fisica	1 online resource (660 p.)
Collana	Rice Genetics Collection ; ; v.8
Altri autori (Persone)	KhushGurdev S BrarD. S HardyBill
Disciplina	584.9
Soggetti	Rice - Breeding Rice - Genetics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; PREFACE; ACKNOWLEDGMENTS; Genetics and breeding of agronomic traits; Comparing agronomic performance of breeding populations derived from anther culture and single-seed descent in rice; Advances in breeding salt-tolerant rice varieties Breeding for salt tolerance in rice Genetic analysis and prediction of heterosis; Relationship of parental genetic diversity with heterosis in two-line and three-line Philippine rice hybrids; Stable high-yielding ability of japonica-indica hybrid rice Inheritance of fertility restoration of WA cytoplasm in sodic-tolerant rice hybrids Genetic analysis of temperature-sensitive genic male sterility in rice; Complexity of inheritance of thermosensitive genic male sterility in rice Characterizing tropical japonicas with wide compatibility based on isozyme pattern in rice Effects of cytoplasm and cytoplasm-nucleus interaction in breeding japonica rice; Genetic analysis of hybrid breakdown in a japonica/indica cross of rice Induction and use of japonica rice mutant R917 with broad-spectrum resistance to blast Partial resistance to rice blast in the tropics; Developing near-isogenic lines for blast resistance in two genotypes of

		indica rice IR24 and IR49830-7-1-2-2 Developing near-isogenic lines for rice blast resistance
	Sommario/riassunto	The Rice Genetics Collection of past symposia and other selected literature contains nearly 4,400 pages of searchable information on rice genetics and cytogenetics published by the IRRI and its partners since 1964. In addition to the five genetics symposia held at 5-year intervals since 1985, the collection contains classic publications that kicked off significant reporting on these subjects in the early 1960's. This collection is a comprehensive and historical documentation on the subject of rice genetics, spanning 45 years of research and scholarly work. Published in 2003,
2.	Record Nr.	UNINA9910437880103321
	Titolo	Fabrication of Complex Optical Components : From Mold Design to Product / / edited by Ekkard Brinksmeier, Oltmann Riemer, Ralf M. Gläbe
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
	ISBN	1-283-91161-2 3-642-33001-0
	Edizione	[1st ed. 2013.]
	Descrizione fisica	1 online resource (217 p.)
	Collana	Lecture Notes in Production Engineering, , 2194-0533
	Altri autori (Persone)	BrinksmeierEkkard ReimerOltmann GlabeRalf
	Disciplina	681.4
	Soggetti	Manufactures Telecommunication Surfaces (Technology) Thin films Optical materials Machines, Tools, Processes Microwaves, RF Engineering and Optical Communications Surfaces, Interfaces and Thin Film Optical Materials
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa

Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Total Quality Management in the replication process of sophisticated optical elements -- Mold design for complex optical plastics components -- Optical plastics components: Replication processes and plastic materials -- Freeform machining of molds for replication of plastic optics -- Mold structuring by diamond Machining -- Diamond machinable tool steels by novel nitriding processes -- Novel processes for the machining of tool inserts for precision glass molding -- Deterministic polishing of smooth and structured molds -- Process chain for the replication of complex optical glass components -- Deposition, machining and measuring of novel hard coatings -- In-situ and in-process metrology for optical surfaces -- Metrology Past, Present and Future with reference to optics and manufacture.
Sommario/riassunto	High quality optical components for consumer products made of glass and plastic are mostly fabricated by replication. This highly developed production technology requires several consecutive, well-matched processing steps called a "process chain" covering all steps from mold design, advanced machining and coating of molds, up to the actual replication and final precision measurement of the quality of the optical components. Current market demands for leading edge optical applications require high precision and cost effective parts in large volumes. For meeting these demands it is necessary to develop high quality process chains and moreover, to crosslink all demands and interdependencies within these process chains. The Transregional Collaborative Research Center "Process chains for the replication of complex optical elements" at Bremen, Aachen and Stillwater worked extensively and thoroughly in this field from 2001 to 2012. This volume will present the latest scientific results for the complete process chain giving a profound insight into present-day high-tech production.