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Titolo	Solar Drying Technology : Concept, Design, Testing, Modeling, Economics, and Environment // edited by Om Prakash, Anil Kumar
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ISBN	981-10-3833-3
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XXV, 633 p. 343 illus., 90 illus. in color.)
Collana	Green Energy and Technology, , 1865-3529
Disciplina	333.794
Soggetti	Renewable energy resources Energy systems Energy harvesting Renewable and Green Energy Energy Systems Energy Harvesting
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	Introduction to Solar Drying -- Design of various Solar Drying System -- Analysis of the Various type of Solar Dryer -- Performance Analysis of solar dryer in no-load -- Performance Analysis of solar dryer in load condition -- Energy Analysis of the Solar Dryer Author -- Economic Analysis of the Solar Dryer -- Environmental Analysis of the Solar Dryer -- Application of Soft computing if Solar drying -- Application of PCM in Solar drying -- Exergy Analysis of the Solar dryer.
Sommario/riassunto	This book offers a comprehensive reference guide to the latest developments and advances in solar drying technology, covering the concept, design, testing, modeling, and economics of solar drying technologies, as well as their impact on the environment. The respective chapters are based on the latest studies conducted by reputed international researchers in the fields of solar energy and solar drying. Offering a perfect blend of research and practice explained in a simple manner, the book represents a valuable resource for researchers, students, professionals, and policymakers working in the field of solar drying and related agricultural applications.

