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| Titolo                  | Industrial and technological applications of transport in porous materials // J. M. P. Q. Delgado, editor  |
| Pubbl/distr/stampa      | Berlin ; ; New York, : Springer, 2013  |
| ISBN                    | 9783642374692<br>3642374697  |
| Edizione                | [1st ed. 2013.]  |
| Descrizione fisica      | 1 online resource (viii, 281 pages) : illustrations (some color)   |
| Collana                 | Advanced structured materials, , 1869-8433 ; ; v. 36   |
| Altri autori (Persone)  | DelgadoJoao M. P. Q  |
| Disciplina              | 620.116<br>621.4021  |
| Soggetti                | Porous materials - Industrial applications<br>Transport theory   |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | "ISSN: 1869-8433."   |
| Nota di bibliografia    | Includes bibliographical references.   |
| Nota di contenuto       | From the Contents: Air drying technologies applied to buildings treatment -- Cyclone: Their Characteristics and Drying Technological Applications -- Mass transport in growing porous media -- Filtration Processes and Design in Filters -- Infrared Thermography in Buildings – A Review -- Heat transfer behaviours of thermal energy storages for high temperature solar systems -- Recycling polyurethane foam and its use as a filler in thermal insulating mortar.  |
| Sommario/riassunto      | The purpose of this book, Industrial and Technological Applications of Transport in Porous Materials, is to provide a collection of recent contributions in the field of heat and mass transfer in porous media and their industrial and technological applications. The main benefit of the book is that it discusses some of the most important topics related to transport phenomenon in engineering and their future applications. It includes a set of new technological applications in the field of heat and mass transfer phenomena in a porous medium domain, such as, drying technology, filtration, infrared thermography, energy, recycling, etc. At the same time, these topics will be going to the encounter of a variety of scientific and engineering disciplines, such as chemical, civil, agricultural, mechanical engineering, etc. The book is divided in several chapters that intend to be a resume of the current state of knowledge |

for benefit of professional colleagues.

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