1. Record Nr. UNINA9910462505003321

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| Titolo | New materials II : thermal-to-electrical energy conversion, photovoltaic solar energy conversion and concentrating solar technologies : proceedings of the 5th Forum on New Materials, part of CIMTEC 2010-12th International Ceramics Congress and 5th Forum on New Materials, Montecatini Terme, Italy, June 13-18, 2010 / / edited by Pietro Vincenzini, World Academy of Ceramics and National Research Council, Italy ; co-edited by Kunihito Koumoto, Nagoya University, Japan, Nicola Romeo, University of Parma, Italy, Mark Mehos, NREL, USA |
| Pubbl/distr/stampa | Stafa-Zurich, Switzerland : , : Trans Tech Publications, , [2010]<br>©2010 |
| ISBN | 3-03813-431-7 |
| Descrizione fisica | 1 online resource (336 p.) |
| Collana | Advances in science and technology, , 1661-819X ; ; volume 74 |
| Altri autori (Persone) | VincenziniP. <1939-><br>KoumotoKunihito<br>RomeoNicola<br>MehosMark |
| Disciplina | 336 |
| Soggetti | Photovoltaic power generation<br>Photovoltaic cells - Materials<br>Thermoelectric materials<br>Solar thermal energy<br>Solar concentrators<br>Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | "Part C, including Symposium FE-- Advances in Materials and Technologies for Efficient Direct Thermal-to-Electrical Energy Conversion; Symposium FG-- Photovoltaic Solar Energy Conversion: Materials and Technology Challenges; Symposium FH-- Concentrating Solar Techologies: Materials and Technology Solutions for CPV and CSP Competitiveness." |
| Nota di bibliografia | Includes bibliographical references and indexes. |
| Nota di contenuto | section I. Materials for direct thermal-to-electrical energy conversion -- section II. Materials for photovoltaic solar energy conversion -- section III. Materials for concentrating solar technologies. |

Sommario/riassunto

The 47 peer-reviewed papers collected here together offer a plenitude of up-to-date information on ""Thermal-to-Electrical Energy Conversion, Photovoltaic Solar Energy Conversion and Concentrating Solar Technologies"". The papers are conveniently arranged into MATERIALS FOR DIRECT THERMAL-TO-ELECTRICAL ENERGY CONVERSION, MATERIALS FOR PHOTOVOLTAIC SOLAR ENERGY CONVERSION, Crystalline Cells and Thin Film Photovoltaics, Emerging and New Generation Solar Cells, MATERIALS FOR CONCENTRATING SOLAR TECHNOLOGIES, CPV Materials and Technologies, CSP Materials and Technologies, CPV and CSP Application.