

1. Record Nr.	UNINA9910790315903321
Titolo	New materials III : transparent conducting and semiconducting oxides, solid state lighting, novel superconductors and electromagnetic metamaterials : 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 ; co-edited by David S. Ginley [and three others]
Pubbl/distr/stampa	Stafa-Zuerich ; ; Enfield, NH : , : Trans Tech Pubs. Ltd. on behalf of Techna Group, , [2010] ©2010
ISBN	3-03813-432-5
Descrizione fisica	1 online resource (282 p.)
Collana	Advances in science and technology, , 1661-819X ; ; volume 75
Altri autori (Persone)	VincenziniP. <1939-> GinleyD. S (David S.)
Disciplina	621.3815
Soggetti	Electronics - Materials Superconductors Metamaterials Oxides Light emitting diodes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Part D, including: Symposium F1--Recent developments in the research and application of transparent conducting and semiconducting oxides ; Symposium FJ--Materials for solid state lighting ; Symposium FK-- Science and engineering of novel superconductors ; Symposium FM-- Electromagnetic metamaterials."
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	section I. Transparent conducting and semiconducting oxides -- section II. Materials for solid state lighting -- section III. Science and engineering of novel superconductors -- section IV. Electromagnetic metamaterials.
Sommario/riassunto	The 38 peer-reviewed papers collected here together offer a plenitude of up-to-date information on ""Transparent Conducting and Semiconducting Oxides, Solid State Lighting, Novel Superconductors and Electromagnetic Metamaterials"". The papers are conveniently

arranged into TRANSPARENT CONDUCTING AND SEMICONDUCTING OXIDES, Materials Design and Device Development, Applications, MATERIALS FOR SOLID STATE LIGHTING, SCIENCE AND ENGINEERING OF NOVEL SUPERCONDUCTORS, ELECTROMAGNETIC METAMATERIALS. This special volume has also been published online in the series, "*Advances in Science and Technology*"
