

1. Record Nr.	UNISA996215161003316
Titolo	Optoelectronic materials and technology in the information age [[electronic resource]] : proceedings of the Optoelectronic Materials and Technology in the Information Age symposium at the 103rd Annual Meeting of The American Ceramic Society, held April 22-25, 2001 in Indianapolis, Indiana / / edited by Ruyan Guo ...[et al.]
Pubbl/distr/stampa	Westerville, OH, : American Ceramic Society, c2002
ISBN	1-280-67251-X 9786613649447 1-118-37091-0 1-118-37086-4
Descrizione fisica	1 online resource (170 p.)
Collana	Ceramic transactions ; ; v. 126
Altri autori (Persone)	GuoRuyan
Disciplina	621.381/045 621.381045
Soggetti	Optoelectronics - Materials Optoelectronic devices
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	Optoelectronic Materials and Technology in the Information Age; Contents; Preface; Inorganic Phosphor, Display, and Solid State Lighting Materials; Luminescence of Long-Time Ordered GaP:N; Radioluminescent Glass Battery; Synthesis of Nano-Sized Europium Doped Yttrium Oxide; Unusual Long-Wavelength Excitation and Emission in Eu(II) and Ce(III) Doped M-Si-Al-O-N Glasses; Gas-Phase Modification of the Direct Current Electrophosphor; Novel Synthesis of Amorphous and Semiconducting Optoelectronics; Local Structure and Raman Vibrational Spectra of Doped Tellurite Glasses Effects of Starting Compositions on the Phase Equilibrium in Hydrothermal Synthesis of Zn <sub>2</sub> SiO <sub>4</sub> :Mn <sub>2</sub> +Fe <sub>6</sub> O <sub>9</sub> Films Prepared by Co-Sputtering; Structure-Property Relationships in As-S-Se Glasses for Waveguide Applications Probed by Near-Infrared Raman Spectroscopy; Study of Structural Changes in Glassy As <sub>2</sub> Se <sub>3</sub> by EXAFS under in situ Laser Irradiation; Electro-Optic and Ferroic Materials in Optoelectronic

Applications; Investigations on High Response Speed and High Induced Strain of Photostrictive Doped PLZT Ceramics; Single Crystal Electro-Optic Fiber in Optical Wavelength Shift  
Fabrication of Photonic Bandgap Structures by Fused Deposition of Multimaterials  
Two-Dimensional Modeling of Gaussian Beam Propagation through an Anisotropic Medium; Index

**Sommario/riassunto**

This volume will provide interdisciplinary treatment, with a strong materials community, for technical exchange on optoelectronic materials, device application, and system development.