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Titolo	International journal for lesson and learning studies
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Descrizione fisica	: illustrations (some color)
Disciplina	370.7105
Soggetti	Education - Study and teaching Learning Teaching Apprentissage Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

2. Record Nr.	UNINA9910820942603321
Titolo	Photochemistry and photophysics of polymer materials / / edited by Norman S. Allen
Pubbl/distr/stampa	Hoboken, N.J., : J. Wiley, c2010
ISBN	9786612549304 9781282549302 1282549308 9780470594179 0470594179 9780470594162 0470594160
Edizione	[1st ed.]
Descrizione fisica	1 online resource (708 p.)
Altri autori (Persone)	AllenNorman S
Disciplina	547.70455 620.1/920495
Soggetti	Polymers - Optical properties Polymers - Effect of radiation on Photochemistry - Industrial applications Photoelectrochemistry - Industrial applications Photopolymerization
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	PHOTOCHEMISTRY AND PHOTOPHYSICS OF POLYMER MATERIALS; CONTENTS; Preface; Contributors; 1 Energy Transfer and Electronic Energy Migration Processes; 2 Optical Properties of Polyelectrolytes; 3 Chemiluminescence Processes in Polymeric Materials; 4 Nonlinear Optical Polymeric Materials; 5 Metallodendrimers: Photophysical Properties and Related Applications; 6 Photochromic Polymers for Optical Data Storage: Azobenzenes and Photodimers; 7 Optical and Luminescence Properties and Applications of Metal Complex-Based Polymers; 8 Photovoltaic Polymer Materials; 9 Organic Light-Emitting Diodes 10 Photoinitiators for Free Radical Polymerization Reactions11

Photoinitiated Cationic Polymerization: Reactivity and Mechanistic Aspects; 12 Photoimaging and Lithographic Processes in Polymers; 13 Photografting of Polymeric Materials; 14 Photoablation of Polymer Materials; 15 Photodegradation Processes In Polymeric Materials; 16 Photodegradable Polymers; 17 Photostabilisation of Polymer Materials; Index

Sommario/riassunto

Presents the state of the technology, from fundamentals to new materials and applications Today's electronic devices, computers, solar cells, printing, imaging, copying, and recording technology, to name a few, all owe a debt to our growing understanding of the photophysics and photochemistry of polymeric materials. This book draws together, analyzes, and presents our current understanding of polymer photochemistry and photophysics. In addition to exploring materials, mechanisms, processes, and properties, the handbook also highlights the latest applications in the field and points to
