

1. Record Nr.	UNINA9910465400803321
Titolo	Photonic bandgap structures [[electronic resource]] : novel technological platforms for physical, chemical and biological sensing / / editors, Marco Pisco, Andrea Cusano and Antonello Cutolo
Pubbl/distr/stampa	[Oak Park, Ill.], : Bentham eBooks, [2012]
ISBN	1-60805-448-9
Descrizione fisica	1 online resource (239 p.)
Altri autori (Persone)	PiscoMarco CusanoAndrea CutoloAntonello
Disciplina	621.36
Soggetti	Photonic crystals Optoelectronics Electronic books.
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	Cover; Title; EUL; Contents; Foreword; Preface; List of Contributors; Chapter 01; Chapter 02; Chapter 03; Chapter 04; Chapter 05; Chatper 06; Chapter 07; Chatper 08; Chatper 09; Chatper 10; Chapter 11; Subject Index
Sommario/riassunto	This E-Book covers the research and the development of a novel generation of photonic devices for sensing applications. Key features of this book include a brief review of basic PhCs related design and fabrication concepts, a selection of crossover topics for the development of novel technological platforms for physical, chemical and biological sensing and a description of the main PhCs sensors to date by representing many of the exciting sensing applications that utilize photonic crystal structures.