1.	Record Nr.	UNINA9910465661003321
	Titolo	Global tuberculosis control [[electronic resource]] : WHO report 2010
	Pubbl/distr/stampa	Geneva, : World Health Organization, 2010
	ISBN	1-282-94461-4 9786612944611 92-4-068576-6
	Descrizione fisica	1 online resource (217 p.)
	Soggetti	Tuberculosis - Prevention Tuberculosis - Epidemiology Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	"WHO/HTM/TB/2010.7".
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	COVER; TITLE; COPYRIGHT; CONTENTS; ABBREVIATIONS; Acknowledgements; Summary; Introduction; Conclusions; Annexes
	Sommario/riassunto	The World Health Organization (WHO) has published an annual report on global control of tuberculosis (TB) every year since 1997. The main purpose of the report is to provide a comprehensive and up-to-date assessment of the TB epidemic and progress made in TB care and control at global, regional and country levels. This fifteenth annual report contains more up-to-date information than any previous report in the series, following earlier data collection and the completion of the production cycle within a calendar year.This report includes the same wealth of information as previous reports in the

2.	Record Nr.	UNINA9910132204703321
	Titolo	Advanced sensor and detection materials / / edited by Ashutosh Tiwari and Mustafa M. Demir ; cover design by Russell Richardson
	Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2014 ©2014
	ISBN	1-118-77409-4 1-118-77403-5 1-118-77370-5
	Descrizione fisica	1 online resource (535 p.)
	Collana	Advanced Material Series
	Disciplina	681.2
	Soggetti	Detectors Detectors - Materials
	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 at the end of each chapters and index.
	Nota di contenuto	Cover; Title Page; Copyright Page; Contents; Preface; Part 1: Principals and Prospective; 1 Advances in Sensors' Nanotechnology; 1.1 Introduction; 1.2 What is Nanotechnology?; 1.3 Significance of Nanotechnology; 1.4 Synthesis of Nanostructure; 1.5 Advancements in Sensors' Research Based on Nanotechnology; 1.6 Use of Nanoparticles; 1.7 Use of Nanowires and Nanotubes; 1.8 Use of Porous Silicon; 1.9 Use of Self-Assembled Nanostructures; 1.10 Receptor-Ligand Nanoarrays; 1.11 Characterization of Nanostructures and Nanomaterials; 1.12 Commercialization Efforts; 1.13 Future Perspectives; References 2 Construction of Nanostructures: A Basic Concept Synthesis and Their Applications2.1 Introduction; 2.1.1 Importance of Nanomaterials; 2.1.2 Synthetic Methods; 2.2 Formation of Zinc Oxide Quantum Dots (ZnO-QDs) and Their Applications; 2.3 Needle-Shaped Zinc Oxide Nanostructures and Their Growth Mechanism; 2.4 Flower-Shaped Zinc Oxide Nanostructures and Their Growth Mechanism; 2.5 Construction of Mixed Shaped Zinc Oxide Nanostructures and Their Growth Mechanicsm; 2.6 Summary and Future Directions; References; 3 The Role of the Shape in the Design of New Nanoparticles; 3.1 Introduction

Sommario/riassunto	The development of sensors at macroscopic or nanometric scales in solid, liquid, or gas phases, contact or noncontact configurations, has driven the research of sensor & detection materials and technology into high gear. The emphasis on detection techniques requires the use of spin crossover organic, inorganic and composite materials and methods that could be unique for sensors fabrication. The influence of length, composition and conformation structure of materials on their properties and the possibilities to adjust sensing properties by doping or addin