

1. Record Nr.	UNINA9910453383303321
Titolo	Inorganic micro- and nanomaterials : synthesis and characterization // edited by Angela Dibenedetto, Michele Aresta
Pubbl/distr/stampa	Berlin ; ; Boston : , : Walter de Gruyter GmbH & Company, , [2013] ©2013
ISBN	1-68015-255-6 3-11-030687-5 3-11-030688-3
Descrizione fisica	1 online resource (232 p.)
Classificazione	VE 9850
Altri autori (Persone)	ArestaM <1940-> (Michele) DibenedettoAngela
Disciplina	620.1/15
Soggetti	Chemistry, Inorganic Nanostructured materials 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	Frontmatter -- List of contributing authors -- Table of Contents -- Introduction: Nano- (and micro-)materials and human wellbeing -- 1. Coating antibacterial nanoparticles on textiles: Towards the future hospital in which all textiles will be antibacterial / Gedanken, Aharon / Perkas, Nina / Perelshtein, Ilana -- 2. Automated solutions for high-throughput experimentation in heterogeneous catalyst research / Brancaleoni, Dario / Squassabia, Federico -- 3. Insights from XPS on nanosized inorganic materials / Malitesta, Cosimino / Margapoti, Eleonora -- 4. Single crystal and powder XRD techniques: An overview / Altomare, Angela / Cuocci, Corrado / Moliterni, Anna / Rizzi, Rosanna -- 5. Structural and electronic characterization of nanosized inorganic materials by X-ray absorption spectroscopies / Borfecchia, Elisa / Agostini, Giovanni / Bordiga, Silvia / Groppo, Elena / Garino, Claudio / Gobetto, Roberto / Agostino, Angelo / Mino, Lorenzo / Truccato, Marco / Gianolio, Diego / Piovano, Andrea / Martinez-Criado, Gema / Salassa, Luca / Lamberti, Carlo -- 6. Lens-less scanning X-raymicroscopy with SAXS and WAXS contrast / Giannini, Cinzia / Altamura, Davide / Aresta,

Brunella Maria / Sibillano, Teresa / Siliqi, Dritan / De Caro, Liberato --
7. Characterization of inorganic nanostructured materials by electron
microscopy / Comparelli, Roberto / Fanizza, Elisabetta / Striccoli,
Marinella / Curri, M. Lucia -- 8. Nanosized particles: questioned for
their potential toxicity, but some are applied in biomedicine /
Dibenedetto, Angela / Fasciano, Stefania / Colucci, Antonella / Aresta,
Michele -- Index

Sommario/riassunto

The demand for new materials with novel properties on the micro- and nano-scale continues to grow. This book provides an overview of state-of-the-art techniques for the synthesis and characterization of inorganic nanomaterials including sonochemistry, microwave dielectric heating, sonoelectrochemistry and RAPET, high-throughput experimentation in heterogeneous catalyst research, photoluminescence, and methods for surface structuring. Imaging techniques include X-ray photoelectron spectroscopy, X-ray absorption spectroscopy, single crystal and powder X-ray diffraction, X-ray microimaging (SAXS, WAXS & GISAXS), electron microscopy, and solid state NMR. The work is essential reading for all researchers in academia and industry working in the field of nanosciences.

2. Record Nr.	UNINA9910449745503321
Titolo	Where is the wealth of nations? [[electronic resource]] : measuring capital for the 21st century
Pubbl/distr/stampa	Washington, DC, : The World Bank, 2005
ISBN	1-280-28224-X 9786610282241 0-8213-6355-7
Descrizione fisica	1 online resource (212 p.)
Altri autori (Persone)	HamiltonKirk <1951->
Disciplina	338.9/27/015195
Soggetti	Sustainable development - Econometric models Wealth - Econometric models Economic indicators Environmental indicators Saving and investment - Econometric models Human capital - Econometric models Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Extends and expands the work done in Expanding the measure of wealth (World Bank, 1997) to provide a comprehensive snapshot of wealth for 120 countries at the turn of the millennium.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	TABLE OF CONTENTS; Foreword; Acknowledgments; Acronyms and Abbreviations; Looking for the Wealth of Nations-A Logical Map; Executive Summary; Part 1-Wealth Accounting; Chapter 1. Introduction: The Millennium Capital Assessment; Chapter 2. The Wealth Stock Estimates; Part 2-Changes in Wealth; Chapter 3. Recent Genuine Saving Estimates; Chapter 4. The Importance of Investing Resource Rents: A Hartwick Rule Counterfactual; Chapter 5. The Importance of Population Dynamics: Changes in Wealth per Capita; Chapter 6. Testing Genuine Saving; Part 3-Wealth, Production, and Development Chapter 7. Explaining the Intangible Capital Residual: The Role of Human Capital and Institutions Chapter 8. Wealth and Production; Part 4-International Experience; Chapter 9. Developing and Using Environmental Accounts; Appendixes: Sources and Methods; Appendix

1. Building the Wealth Estimates; Appendix 2. Wealth Estimates by Country, 2000; Appendix 3. Genuine Saving Estimates by Country, 2000; Appendix 4. Change in Wealth per Capita, 2000; References; Index

Sommario/riassunto

The book presents estimates of total wealth for nearly 120 countries, using economic theory to decompose the wealth of a nation into its component pieces: produced capital, natural resources and human resources. The wealth estimates provide a unique opportunity to look at economic management from a broader and comprehensive perspective. The book's basic tenet is that economic development can be conceived as a process of portfolio management, so that sustainability becomes an integral part of economic policy making. The rigorous analysis, presented in accessible format, tackles issues such as g
