

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.	UNISALENTO991004065379707536
Autore	Shakespeare, William
Titolo	Shakespeare' s sonnets / William Shakespeare ; a modern edition, with prose versions, introduction and notes by A. L. Rowse
Pubbl/distr/stampa	Basingstoke : Macmillan, 1993
ISBN	0333363876
Edizione	[3. ed.]
Descrizione fisica	XXV, 311 p. : ill. ; 21 cm
Altri autori (Persone)	Rowse, Alfred Leslie
Disciplina	821.33
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia