1. Record Nr. UNINA9910479353103321

| | |
|---|---|
| Autore | Eiximenis, Francesc |
| Titolo | Cercapou / Francesc Eiximenis ; a cura di G. E. Sansone |
| Pubbl/distr/stampa | Barcelona, : Barcino, 1957-1958 |
| Descrizione fisica | 2 volumi (113; 106 p.) ; 16 cm |
| Locazione | FLFBC |
| Collocazione | YO 1 83<br>YO 1 84 |
| Lingua di pubblicazione | Spagnolo |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

2. 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]<br>©2013 |
| ISBN | 1-68015-255-6<br>3-11-030687-5<br>3-11-030688-3 |
| Descrizione fisica | 1 online resource (232 p.) |
| Classificazione | VE 9850 |
| Altri autori (Persone) | ArestaM <1940-> (Michele)<br>DibenedettoAngela |
| Disciplina | 620.1/15 |
| Soggetti | Chemistry, Inorganic<br>Nanostructured materials<br>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. |