

1. Record Nr.	UNINA9910674039003321
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Titolo	Synthesis and Characterization of Nanomaterials // Ioannis Kartsonakis
Pubbl/distr/stampa	Basel, Switzerland : , : MDPI - Multidisciplinary Digital Publishing Institute, , 2022
Descrizione fisica	1 online resource (96 pages)
Disciplina	610.28
Soggetti	Nanotechnology Biomedical materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Nanomaterial is defined a natural, incidental or manufactured material containing particles, in an unbound state or as an aggregate or as an agglomerate and where, for 50 % or more of the particles in the number size distribution, one or more external dimensions is in the size range 1 nm to 100 nm. Nanomaterials not only differ from the corresponding bulk materials in morphological properties but they can also demonstrate different physico-chemical characteristics. Manufactured nanomaterials are regarded as key components of innovations in various fields with high potential impact, such as energy generation and storage, electronics, photonics, diagnostics, integrated sensors, semiconductors, foods, textiles, structural materials, sunscreens, cosmetics, and coatings or drug delivery systems, and medical imaging equipment. Widespread use of nanomaterials raises concerns about their safety for humans and the environment, possibly limiting the impact of the nanotechnology-based innovation. The development of safe nanomaterials has to result in a safe, as well as functional material or product. Its safe use, and disposal at the end of its life cycle must be taken into account too. Responsibility for the safe handling of synthetic nanomaterials therefore rests with the manufacturer and importer. This book gathers and reviews the collection of five contributions (four articles and one review), with authors from Europe and America</p>

2. Record Nr.	UNINA9910818601603321
Titolo	Encyclopedia of local history / / edited by Amy H. Wilson
Pubbl/distr/stampa	Lanham : , : Rowman & Littlefield, , [2017] ©2017
ISBN	1-4422-7878-1
Edizione	[Third edition.]
Descrizione fisica	1 online resource (815 pages) : color illustrations
Collana	American Association for State and Local History book series
Disciplina	973.03
Soggetti	United States History, Local Research Encyclopedias United States Historiography Encyclopedias
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The encyclopedia -- Appendix A: Ethnic groups -- Appendix B: Religion in North America and its communities -- Appendix C: State historical organizations -- Appendix D: NARA facilities.
Sommario/riassunto	"The Encyclopedia of Local History addresses nearly every aspect of local history, including everyday issues, theoretical approaches, and trends in the field. This encyclopedia provides both the casual browser and the dedicated historian with adept commentary by bringing the voices of over one hundred experts together in one place. This third edition is the first to include photographs. Brand-new to this edition are critical topics covering both the practice of and major current areas of research in local history such as 'Digitization,' 'LGBT History,' 'museum theater,' and 'STEM education.' Also new to this edition are graphics, including 48 photographs"--Provided by publisher.