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Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	pt. 1. Concepts, discoveries and the rapid development of nanotechnologies -- pt. 2. Applications and societal implications of nanotechnology.
Sommario/riassunto	Nanotechnologies: Concepts, Processing and Applications describes and explains how nanotechnologies have entered our everyday lives through scientific and industrial applications with the emphasis placed on the new perspectives in various fields related to societal problems. This book details how successive discoveries of new nanocarbon structures along with progress in different microscopy techniques have caused nanomaterials to take on an increasingly important role in electronics, electrochemical energy storage - batteries and fuel cells - and the electrical conversion of solar energy. V