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Titolo	La crisi che non passa / a cura di Mario Deaglio ; contributi di Giorgio Arfaras ... [et al.]
Pubbl/distr/stampa	Milano : Guerini e associati, 2011
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Titolo	Metal chalcogenide semiconductor nanostructures and their applications in renewable energy // edited by Ahsanulhaq Qurashi
Pubbl/distr/stampa	Hoboken, New Jersey : , : John Wiley and Sons, Inc., , [2015] ©2015
ISBN	1-119-00893-X 1-119-00892-1 1-119-00899-9
Descrizione fisica	1 online resource (322 p.)
Disciplina	621.31 621.3124
Soggetti	Microharvesters (Electronics) Direct energy conversion - Materials Semiconductors - Materials Chalcogenides - Electric properties Chalcogenides - Thermal properties Nanostructured materials
Lingua di pubblicazione	Inglese
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Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Title Page; Copyright Page; Contents; Preface; Part 1: RENEWABLE ENERGY CONVERSION SYSTEMS; 1 Introduction: An Overview of Metal Chalcogenide Nanostructures for Renewable Energy Applications; 1.1 Introduction; 1.2 Metal Chalcogenide Nanostructures; 1.3 Growth of Metal Chalcogenide Nanostructures; 1.4 Applications of Metal Chalcogenide Nanostructures; 1.5 Summary and Future Perspective; References; 2 Renewable Energy and Materials; 2.1 Global Energy Scenario; 2.2 Role of Renewable Energy in Sustainable Energy Future; 2.3 Importance of Materials Role in Renewable Energy; References 3 Sustainable Feed Stock and Energy Futures 3.1 Introduction; 3.2 Discussion; 3.2.1 Nuclear Technology; 3.2.2 Solar Energy; 3.2.3 Hydrogen by Water Splitting; References; Part 2: SYNTHESIS OF METAL CHALCOGENIDE NANOSTRUCTURES; 4 Metal-Selenide Nanostructures:

Growth and Properties; 4.1 Introduction; 4.2 Growth and Properties of Different Groups of Metal-Selenide Nanostructures; 4.2.1 Metal Selenides from II-VI Semiconductors; 4.2.2 ZnSe; 4.2.3 CdSe; 4.2.4 HgSe; 4.3 Metal Selenides from III-VI Semiconductors; 4.3.1 In<sub>2</sub>Se<sub>3</sub>; 4.4 Metal Selenides from IV-VI Semiconductors; 4.4.1 SnSe; 4.4.1 PbSe  
4.5 Metal Selenides from V-VI Semiconductors 4.5.1 Sb<sub>2</sub>Se<sub>3</sub>; 4.5.2 Bi<sub>2</sub>Se<sub>3</sub>; 4.6 Metal Selenides from Transition Metal (TM); 4.6.1 Copper Selenide (CuSe, Cu<sub>3</sub>Se<sub>2</sub>); 4.6.2 Iron Selenide (FeSe<sub>2</sub>, FeSe); 4.6.3 MoSe<sub>2</sub>; 4.6.3 WSe<sub>2</sub>; 4.7 Ternary Metal-Selenide Compounds; 4.7.1 CuInSe<sub>2</sub> (Copper Indium Diselenide); 4.7.2 CdSSe; 4.7.3 CdZnSe; 4.8 Summary and Future Outlook; Acknowledgment; References; 5 Growth Mechanism and Surface Functionalization of Metal Chalcogenides Nanostructures; 5.1 Introduction; 5.1.2 Structure of Layered Transition Metal Chalcogenides (LTMCs)  
5.2 Synthetic Methods for Layered Metal Chalcogenides 5.2.1 Laser Ablation; 5.2.2 Arc Discharge; 5.2.3 Microwave-Induced Plasma; 5.2.4 Electron Beam Irradiation; 5.2.5 Spray Pyrolysis; 5.2.6 Sulfidization with H<sub>2</sub>S; 5.2.7 Hydrothermal; 5.2.8 Metal Organic Chemical Vapor Deposition (MOCVD) Technique; 5.2.9 Vapor-Liquid-Solid (VLS) Growth; 5.2.10 Oxide-to-Sulfide Conversion; 5.2.11 Hot-Injection Solution Synthesis; 5.2.12 Liquid Exfoliation; 5.3 Surface Functionalization of Layered Metal Dichalcogenide Nanostructures; 5.3.1 Surface Functionalization Based on Polymeric Ligands  
5.3.2 Surface Functionalization Based on Pearson Hardness 5.3.3 Surface Functionalization of Metal Chalcogenides by Silane; 5.4 Applications of Inorganic Nanotubes and Fullerenes; 5.4.1 Energy; References; 6 Optical and Structural Properties of Metal Chalcogenide Semiconductor Nanostructures; 6.1 Optical Properties of Metal Chalcogenides Semiconductor Nanostructures; 6.1.2 Metal Chalcogenide Nanocrystals; 6.2 Structural Properties and Defects of Metal Chalcogenide Semiconductor Nanostructures; References; 7 Structural and Optical Properties of CdS Nanostructures; 7.1 Introduction  
7.2 Nanomaterials

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## Sommario/riassunto

This first ever reference book that focuses on metal chalcogenide semiconductor nanostructures for renewable energy applications encapsulates the state-of-the-art in multidisciplinary research on the metal chalcogenide semiconductor nanostructures (nanocrystals, nanoparticles, nanorods, nanowires, nanobelts, nanoflowers, nanoribbons and more). The properties and synthesis of a class of nanomaterials is essential to renewable energy manufacturing and this book focuses on the synthesis of metal chalcogenide nanostructures, their growth mechanism, optical, electrical, and other important pro

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3. Record Nr.	UNINA9910815758803321
Autore	Woolcock Richard
Titolo	Atari 130XE games book // Richard Woolcock
Pubbl/distr/stampa	London, England : , : Andrews UK Ltd., , [2021] ©2021
ISBN	9781789825398 9781789826234
Descrizione fisica	1 online resource (177 pages)
Collana	Retro Reproductions ; ; v.13
Disciplina	790.196
Soggetti	Educational games Games
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cover -- Contents -- Front Matter -- Title Page -- Publisher info -- Atari 130XE Games Book -- Arrangement of programs -- Chexsum -- How Can You Tell if CHEXSUM Has Been Entered Correctly -- Using CHEXSUM -- Bomber -- Othello -- Mountains -- Vogons -- Life -- Ratmaze -- 2D Maze -- Minotaur -- Battleship -- Crypt -- Dungeons -- Letrmaze -- Breakin -- Racer -- Rocks -- Snowball -- Hunter -- Takeaway -- Sortgame -- Sleft -- Oxo -- Pingpong -- Rock collector -- Snakes -- Diamond Hunt -- Spacman -- Mazing -- Worma -- Patrol car -- Robots -- Back Matter -- Also available 1 -- Also available 2.
Sommario/riassunto	First published in 1985, this book enabled a whole new generation to learn game coding on their Atari 130XE - one of Atari's acclaimed 8-bit home computers. The XE had two joysticks rather than the four of its sibling models, however it did come with a full 128kb of bank-switched RAM. Although it was not as successful in America as the Commodore 64 - or the ZX Spectrum in Europe - the machine retains a large fanbase to this day. As the original publisher Melbourne House wrote: * * * * * Turn your Atari into an exciting arcade of electronic fun and thrills with the easy-to-enter ready-made programs in this book. Containing 30 different games designed to demonstrate the complete capabilities of the Atari 130XE - arcade games, strategy games and adventures are all here for you to enjoy - without the need for any complex

programming skills! Each game includes a screen photo, to illustrate exactly what the program will look like, and the unique CHEXSUM facility, to avoid those costly.

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