

1. Record Nr.	UNINA9910701436203321
Titolo	Nobel Peace Prize laureate Liu Xiaobo and the future of political reform in China [[electronic resource]] : hearing before the Congressional-Executive Commission on China, One Hundred Eleventh Congress, second session, November 9, 2010
Pubbl/distr/stampa	Washington : , : U.S. G.P.O., , 2012
Descrizione fisica	1 online resource (iii, 44 pages) : color illustrations
Soggetti	Political prisoners - China Dissenters - China Nobel Prize winners - China Peace - Awards Human rights - China Democratization - China Protest movements - China China Politics and government 2002-
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Feb. 27, 2012). Paper version available for sale by the Supt. of Docs., U.S. G.P.O.
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910568300403321
Titolo	Emerging Materials : Design, Characterization and Applications // edited by Laxman Raju Thoutam, Shubham Tayal, J. Ajayan
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	981-19-1312-9
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (472 pages)
Collana	Physics and Astronomy Series
Disciplina	620.11
Soggetti	Physics Metamaterials Nanotechnology Nanoscience Applied and Technical Physics Nanoengineering Nanophysics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Novel Emerging Materials: Introduction and Evolution -- 2. Synthesis and Characterization of Emerging Nanomaterials -- 3. Seeded Crystal Growth of CdZnTe(CDT) Assisted via Numerical Modeling -- 4. Design techniques for high reliability FET by incorporating new materials and electrical/thermal co-optimization -- 5. Recent Advances in Energy Harvesting from Waste Heat using Emergent Thermoelectric Materials -- 6. Challenges and opportunities for Emerging Material Systems -- 7. Emerging Materials for BioSensor Applications in Healthcare -- 8. Emerging Nanostructures in Dental Applications -- 9. Emergent Catalytic Materials Towards CO2 Reduction -- 10. A Brief of Emerging Materials and its Applications in Photovoltaic Applications.
Sommario/riassunto	This book serves as a quick guide on the latest material systems including their synthesis, fabrication and characterization techniques. It discusses recent developments in different material systems and discusses their novel applications in various branches of science and engineering. The book briefs latest computational tools and techniques that are used to discover new material systems. The book also briefs

applications of new emerging materials in various fields including, healthcare, sensors, opto-electronics, high power devices and nano-electronics. This book helps to create a synergy between computational and experimental research methods to better understand a particular material system.
