

1. Record Nr.	UNINA9910793449903321
Titolo	Augmented reality : innovative perspectives across art, industry, and academia // edited by Sean Morey and John Tinnell
Pubbl/distr/stampa	Anderson, South Carolina : , : Parlor Press, , [2017] ©2017
ISBN	1-60235-558-4
Edizione	[First edition.]
Descrizione fisica	1 online resource (368 pages)
Disciplina	700/.456
Soggetti	Technology and the arts Augmented reality art
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.

2. Record Nr.	UNINA9910583015003321
Autore	Breeze Paul
Titolo	Electricity generation and the environment / / Paul Breeze
Pubbl/distr/stampa	London : , : Academic Press, , [2017] 2017
ISBN	0-12-809514-8 0-08-101044-3
Descrizione fisica	1 online resource (vi, 102 pages) : illustrations (chiefly color)
Collana	Power Generation Series
Disciplina	333.7932
Soggetti	Electric power production - Environmental aspects Energy policy Power resources - Environmental aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	ch 1. Introduction to electricity and the environment -- ch 2. The carbon cycle and atmospheric warning -- ch 3. Greenhouse gas emissions and power generation -- ch 4. Combustion plant emissions: sulfur dioxide, nitrogen oxides, and acid rain -- ch 5. The nuclear question -- ch 6. Renewable energy and the environment -- ch 7. The hydrogen economy -- ch 8. Low-level environmental intrusion -- ch 9. Life-cycle assessment -- ch 10. Externalities: putting a price on environmental damage -- ch 11. The bottom line.
Sommario/riassunto	"A very concise, up-to-date, and accessible guide to the evolution of environmental awareness, what that environmental awareness has taught the industry, and how technologies can be used to test and improve power performance. There is a strong emphasis on the related social impacts and economic factors involved in the various methods of generating electricity which Breeze explores, making this a valuable and insightful read for those involved in the planning and delivery of energy, such as energy engineers, power generation planners, policy makers, managers, and academics"--Publisher's website.

3. Record Nr.	UNINA9910557331603321
Titolo	Mechanical Alloying: Processing and Materials
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021 Basel, Switzerland : , : MDPI - Multidisciplinary Digital Publishing Institute, , 2021
Descrizione fisica	1 online resource (134 p.)
Soggetti	Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Mechanical alloying is a technique of producing alloys and compounds that permits the development of metastable materials (with amorphous or nanocrystalline microstructure) or the fabrication of solid solutions with extended solubility. The elements or compounds to be mixed (usually as powders) are introduced in jars usually under a controlled atmosphere. Regarding the scope of this book, advanced materials have been developed by mechanical alloying: Fe-X-B-Cu (X = Nb, NiZr) nanocrystalline alloys, mixtures of the binary Fe-Mn and Fe-Cr alloys with chromium and manganese nitrides, Mn-Al-Co and Mn-Fe alloys, non-equiatomic refractory high-entropy alloys, nanocrystalline Fe-Cr steels, nanocrystalline Mn-Co-Fe-Ge-Si alloys, Al-Y<sub>2</sub>O<sub>3</sub> nanocomposite, and hydride-forming alloys. Likewise, production conditions and ulterior treatments can provide readers interesting ideas about the procedure to produce alloys with specific microstructure and functional behavior (mechanical, magnetic, corrosion resistance, hydrogen storage, magnetocaloric effect, wastewater treatment, and so on). As an example, to obtain the improvement in the functional properties of the alloys and compounds, sometimes controlled annealing is needed (annealing provokes the relaxation of the mechanical-induced strain). Furthermore, the powders can be consolidated (press, spark plasma sintering, and microwave sintering)</p>

to obtain bulk materials.

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