1. Record Nr. UNINA9910228580203321

Titolo	Advertiser
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico

2. Record Nr. UNIORUON00325540

Autore	GOGA, Octavian
Titolo	Teatru / Octavian Goga ; Editie ingrijita, prefata, note, bibliografia si indici de Ion Dodu Balan
Pubbl/distr/stampa	Bucuresti, : Minerva, 1972
Descrizione fisica	465 p. : tav. ; 20 cm.
Disciplina	859
Lingua di pubblicazione	Rumeno
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr. UNINA9911045228303321

Autore	Thomas Sabu
Titolo	Advanced Materials for Battery Separators
Pubbl/distr/stampa	San Diego : , : Elsevier, , 2024 ©2024
ISBN	9780128175088 0128175087
Edizione	[1st ed.]
Descrizione fisica	1 online resource (444 pages)
Altri autori (Persone)	RouxelDidier KalarikkalNandakumar KottathodiBicy J MariaHanna
Disciplina	621.312423
Soggetti	Lithium ion batteries Energy storage
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Front Cover -- Advanced Materials for Battery Separators -- Advanced Materials for Battery Separators -- Copyright -- Contents -- Contributors -- Preface -- 1 - Battery energy storage systems: A methodical enabler of reliable power -- 1.1 Introduction -- 1.2 Performance characteristics -- 1.2.1 Overall expenditures -- 1.2.2 Potential parameters -- 1.2.2.1 Energy capacity and power rating -- 1.2.2.2 Volumetric and gravimetric energy and power density -- 1.2.2.3 Autonomy -- 1.2.2.4 Response time -- 1.2.2.5 Operating temperature -- 1.2.2.6 Self-discharge rate -- 1.2.2.7 Round-trip efficiency -- 1.2.2.8 Depth of discharge -- 1.2.2.9 Lifetime -- 1.2.2.10 Spatial requirement -- 1.2.2.11 Recharge time -- 1.2.2.12 Memory effect -- 1.2.2.13 Recyclability -- 1.2.2.14 Scalability and transportability -- 1.2.2.15 Technical maturity -- 1.2.2.16 Environmental impact -- 1.3 Potential applications -- 1.3.1 Mobile applications -- 1.3.2 Transportation applications -- 1.3.2.1 Conventional vehicles -- 1.3.2.2 Electric vehicles -- 1.3.2.3 Fuel cell vehicles -- 1.3.2.4 Hybrid vehicles -- 1.3.3 Stationary applications -- 1.4 Battery energy storage principles -- 1.4.1 Lead-acid -- 1.4.2

Sommario/riassunto

This book, 'Advanced Materials for Battery Separators,' is a comprehensive guide that explores the development and application of advanced materials for battery separators. Edited by Sabu Thomas and a team of international experts, it delves into various types of batteries, including lithium-ion, lithium-sulfur, and redox flow batteries, among others. The book highlights the importance of separators as critical components ensuring battery efficiency and safety. It discusses the properties, preparation methods, and performance evaluation of different separator materials. The work aims to provide researchers and professionals in the field of energy storage and materials science with current insights into the challenges and innovations in battery separator technology.