1. Record Nr. UNINA990006100710403321

Autore	Scalfi, Gianguido
Titolo	L'assicurazione tra rischio e finanza / Gianguido Scalfi
Pubbl/distr/stampa	Milano : Giuffrè, c1992
ISBN	88-14-03647-0
Descrizione fisica	IX, 179 p. ; 24 cm
Collana	Il diritto privato oggi
Disciplina	346.02 346.08
Locazione	FGBC DDRC DDCP
Collocazione	VIII P 24 (6) A-IV-E-71 21-E-159
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910350281303321

Autore	Chao Dongliang
Titolo	Graphene Network Scaffolded Flexible Electrodes—From Lithium to Sodium Ion Batteries [[electronic resource] /] / by Dongliang Chao
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2019
ISBN	981-13-3080-8
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (130 pages)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5053
Disciplina	621.312424
Soggetti	Chemistry Nanotechnology Energy Storage Electrochemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	General Introduction -- Vanadium Pentoxide for Li-Ion Storage -- Vanadium Dioxide for Li- and Na-Ion Storage -- Na3(VO)2(PO4)2F Array for Cathode of Na-Ion Battery -- SnS Array for Anode of Na-Ion Battery -- Future Work.
Sommario/riassunto	Research on deformable and wearable electronics has promoted an increasing demand for next-generation power sources with high energy/power density that are low cost, lightweight, thin and flexible. One key challenge in flexible electrochemical energy storage devices is the development of reliable electrodes using open-framework materials with robust structures and high performance. Based on an exploration of 3D porous graphene as a flexible substrate, this book constructs free-standing, binder-free, 3D array electrodes for use in batteries, and demonstrates the reasons for the research transformation from Li to Na batteries. It incorporates the first principles of computational investigation and in situ XRD, Raman observations to systematically reveal the working mechanism of the electrodes and structure evolution during ion insertion/extraction. These encouraging results and proposed mechanisms may accelerate further development of high rate batteries using smart nanoengineering of the electrode materials, which make “Na ion battery could be better than Li ion battery”

possible.