1. Record Nr. UNINA9910254246203321

Titolo	Energy Management in Wireless Cellular and Ad-hoc Networks / / edited by Muhammad Zeeshan Shakir, Muhammad Ali Imran, Khalid A. Qaraqe, Mohamed-Slim Alouini, Athanasios V. Vasilakos
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-27568-2
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (445 p.)
Collana	Studies in Systems, Decision and Control, , 2198-4182 ; ; 50
Disciplina	620
Soggetti	Electrical engineering Energy consumption Energy policy Communications Engineering, Networks Energy Efficiency Energy Policy, Economics and Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Energy Management in Heterogeneous Networks -- Energy Management and Energy Efficiency in Cellular Systems -- Energy Management in Ad Hoc Networks -- Energy Management in Cognitive Radio Networks -- Energy Management in Emerging Wireless Networks -- Energy Management Practices in Wireless Networks.
Sommario/riassunto	This book investigates energy management approaches for energy efficient or energy-centric system design and architecture and presents end-to-end energy management in the recent heterogeneous-type wireless network medium. It also considers energy management in wireless sensor and mesh networks by exploiting energy efficient transmission techniques and protocols. and explores energy management in emerging applications, services and engineering to be facilitated with 5G networks such as WBANs, VANETS and Cognitive networks. A special focus of the book is on the examination of the energy management practices in emerging wireless cellular and ad hoc

networks. Considering the broad scope of energy management in wireless cellular and ad hoc networks, this book is organized into six sections covering range of Energy efficient systems and architectures; Energy efficient transmission and techniques; Energy efficient applications and services. .