

1. Record Nr.	UNINA9910953825003321
Titolo	Wireless sensor network security / / edited by Javier Lopez and Jianying Zhou
Pubbl/distr/stampa	Amsterdam ; ; Washington, D.C., : IOS Press, c2008
ISBN	6611733728 1-281-73372-5 9786611733728 1-4356-7867-2 1-60750-293-3 600-00-0606-3 1-4337-1227-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (320 p.)
Collana	Cryptology and information security series ; ; v. 1
Altri autori (Persone)	LopezJavier ZhouJianying
Disciplina	681/.2
Soggetti	Sensor networks - Security measures Detectors - Security measures
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 and index.
Nota di contenuto	Title page; Contents; Overview of Wireless Sensor Network Security; Vulnerabilities and Attacks in Wireless Sensor Networks; Symmetric Primitives; Public-Key Primitives; Key Management in Wireless Sensor Networks; WSN Link-Layer Security Frameworks; Secure Routing in Wireless Sensor Networks; Secure Data Aggregation in Wireless Sensor Networks; Privacy Protection Mechanisms for Sensor Networks; Intrusion Detection Techniques in Sensor Networks; Remote Attestation - Identification; On the Hardware Implementation Efficiency of Cryptographic Primitives; Author Index
Sommario/riassunto	Wireless sensor networks (WSN) is especially vulnerable against external and internal attacks due to its particular characteristics. This book provides an overview of the major security issues that various WSN designers have to face, and also gives a comprehensive guide of solutions and open problems.

