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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Characteristics of Low-Power Links -- External Radio Interference -- Overview of Link Quality Estimation -- Performance evaluation of link quality estimators -- On the use of link quality estimation for improving higher layer protocols and mechanisms -- Conclusions.
Sommario/riassunto	This book provides a comprehensive survey on related work for radio link quality estimation, which covers the characteristics of low-power links, the fundamental concepts of link quality estimation in wireless sensor networks, a taxonomy of existing link quality estimators and their performance analysis. It then shows how link quality estimation can be used for designing protocols and mechanisms such as routing and hand-off. The final part is dedicated to radio interference estimation, generation and mitigation.