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Altri autori (Persone)	FilippiniDaniel AndreouA. G
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Wireless Sensor and Actuator Network Applications and Challenges -- Body Area Networks -- Sensors for Ambient Assisted Living (AAL) and Smart Homes -- Research in Energy Harvesting Wireless Sensor Networks and the Challenges Ahead -- Wearable Sensors -- Smart Textiles: Technology and WSN Applications -- Implanted Sensors -- Printed Organic Electronic Sensors -- Autonomous Lab-on-a-Chip Technologies -- Ubiquitous Devices for Chemical Sensing -- Packaging Technology for Devices in Autonomous Sensor Networks -- Collective Sensing for Health Care -- Distributed Environmental Monitoring -- Wireless Sensor Networks for Military Purposes -- Emerging Concepts in Collective Sensing.
Sommario/riassunto	This volume surveys recent research on autonomous sensor networks from the perspective of enabling technologies that support medical, environmental and military applications. State of the art, as well as emerging concepts in wireless sensor networks, body area networks and ambient assisted living introduce the reader to the field, while subsequent chapters deal in depth with established and related

technologies, which render their implementation possible. These range from smart textiles and printed electronic devices to implanted devices and specialized packaging, including the most relevant technological features. The last four chapters are devoted to customization, implementation difficulties and outlook for these technologies in specific applications.
