

1. Record Nr.	UNINA9910299926003321
Titolo	Sensors : Proceedings of the Third National Conference on Sensors, February 23-25, 2016, Rome, Italy // edited by Bruno Andò, Francesco Baldini, Corrado Di Natale, Giovanna Marrazza, Pietro Siciliano
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-55077-2
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XII, 429 p. 258 illus.)
Collana	Lecture Notes in Electrical Engineering, , 1876-1100 ; ; 431
Disciplina	681.2
Soggetti	Electronics Microelectronics Physical measurements Measurement Biomedical engineering Biotechnology Nanotechnology Signal processing Image processing Speech processing systems Electronics and Microelectronics, Instrumentation Measurement Science and Instrumentation Biomedical Engineering and Bioengineering Nanotechnology and Microengineering Signal, Image and Speech Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Chemical Sensors -- Biosensors -- Physical Sensors -- Micro and Nano systems -- Electronics for Sensors.
Sommario/riassunto	This book gathers the best papers presented at the Third Italian National Conference on Sensors, held in Rome, Italy, from 23 to 25 February 2016. The book represents an invaluable and up-to-the-minute tool, providing an essential overview of recent findings,

strategies and new directions in the area of sensor research. Further, it addresses various aspects based on the development of new chemical, physical or biological sensors, assembling and characterization, signal treatment and data handling. Lastly, the book applies electrochemical, optical and other detection strategies to relevant issues in the food and clinical environmental areas, as well as industry-oriented applications.

---