Record Nr. UNINA9910337629503321 Sensors: Proceedings of the Fourth National Conference on Sensors, **Titolo** February 21-23, 2018, Catania, Italy // edited by Bruno Andò. Francesco Baldini, Corrado Di Natale, Vittorio Ferrari, Vincenzo Marletta, Giovanna Marrazza, Valeria Militello, Giorgia Miolo, Marco Rossi, Lorenzo Scalise, Pietro Siciliano Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2019 3-030-04324-X **ISBN** Edizione [1st ed. 2019.] Descrizione fisica 1 online resource (620 pages) Lecture Notes in Electrical Engineering, , 1876-1100 ; ; 539 Collana Disciplina 681.2 Soggetti **Electronics** Microelectronics Lasers **Photonics** Biomedical engineering Electronics and Microelectronics, Instrumentation Optics, Lasers, Photonics, Optical Devices Biomedical Engineering and Bioengineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto This book gathers the best papers presented at the Fourth Italian National Conference on Sensors, held in Catania, Italy, from 21 to 23 February 2018. The book represents an invaluable and up-to-theminute 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.