

1. Record Nr.	UNINA9910131498903321
Titolo	Agricultural and food electroanalysis / / edited by Alberto Escarpa, Maria Cristina Gonzalez, Miguel Angel Lopez
Pubbl/distr/stampa	Chichester, UK : , : John Wiley & Sons, , 2015
ISBN	1-118-68408-7 1-118-68403-6 1-118-68296-3
Descrizione fisica	1 online resource (514 p.)
Disciplina	664/.07
Soggetti	Food - Analysis Electrochemical analysis Electronic books.
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	Electroanalysis and food analysis / Paloma Yanez-Sedeno and Jose M. Pingarron -- Voltammetric techniques / Sandra Mendoza, Erika Bustos, Juan Manriquez, Luis A. Godinez -- Flow injection analysis with electrochemical detection / Fabiana Silva Felix and Lucio Angnes -- Electrochemical detection in hplc techniques / Manuel Chicharro Santamaria, Monica Moreno Barambio and Alberto Sanchez Arribas -- Application of capillary electrophoresis with electrochemical detection in food and agricultural analysis / Gang Chen -- Microelectrode designs / Jonathan P. Metters and Craig E. Banks -- Potentiometric sensors / Dr. Geza Nagy and Dr. Livia Nagy -- Electrochemical enzyme biosensors / Ilaria Palchetti & Marco Mascini -- Food electrochemical immunosensors / M. Teresa Fernandez-Abedul, M. Begona Gonzalez-Garcia, Agustin Costa-Garcia -- Electrochemical genosensors / Briza Perez-Lopez and Arben Merkoci -- Electrochemical biosensors based on nanomaterials / Joseph Wang -- Electrochemical sensing on microfluidic chips for food analysis / Alberto Escarpa, Maria Cristina Gonzalez y Miguel A. Lopez -- Nanoelectrochemistry applications based on electrospinning / Matteo Scampicchio, Stella M. Cosio, Solomon Lemma Mengistu, Saverio Mannino -- Electrochemical

impedance spectroscopy -- Electroanalysis in food process control / M. Stella Cosio, Simona Benedetti, Matteo Scampicchio, Saverio Mannino -- Instrumental aspects of food analysis by electrochemical methods / Wendell K. T. Coltro, Maria F. Mora and Carlos D. Garcia.

2. Record Nr.	UNINA9910317956103321
Titolo	Metals in soil : contamination and remediation / / edited by Zinnat Ara Begum, Ismail M.M. Rahman, and Hiroshi Hasegawa
Pubbl/distr/stampa	London : , : IntechOpen, , 2019
ISBN	1-83962-091-9 1-78985-776-7
Descrizione fisica	1 online resource (88 pages)
Disciplina	363.7396
Soggetti	Metals - Environmental aspects Soil pollution Soil remediation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The anthropogenic input of metals into the atmosphere is estimated to be one-to-three orders of magnitude higher than natural fluxes. Soil acts as the primary sink for anthropogenic metals among the environmental spheres. Most metals show indefinite persistence in the ecosphere due to resistance against microbial or chemical-assisted degradation. This edited book is an attempt to compile reviews and case studies from different researchers focusing on different aspects of soil contamination by metals and its subsequent remediation. The book's contents will be useful for researchers and strategists interested in the environmental aspects of soil contamination.