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Titolo	Food Immunoassay [[electronic resource] /] / by Chuanlai Xu, Hua Kuang, Liguang Xu
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ISBN	981-13-9034-7
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XV, 363 p. 447 illus., 57 illus. in color.)
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Soggetti	Food—Biotechnology Immunology Analytical chemistry Pharmacology Food Science Analytical Chemistry Pharmacology/Toxicology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction of immunoassay -- Mycotoxin immunoassay in food -- Heavy metal immunoassay in food -- Pesticide immunoassay in food -- -agonist and artificial hormone immunoassay in food -- Antibiotics immunoassay in food -- Illegal additives immunoassay in food -- Pathogen immunoassay in food -- Food allergy Immunoassay -- Food nutrition Immunoassay.
Sommario/riassunto	This book systematically covers immunoassays for food, presenting detailed approaches such as antigen design, food matrix pre-treatment and detection format optimization for 9 classes of food hazards and nutrition constituents. Offering ideas on how to improve the efficiency of recognized xenobiotics and food contents, this practical book also describes the discovery and utilization of novel immune agents like aptamer and molecular imprinted polymers in food analysis. It is intended for a broad range of areas, including biologists and food chemists, and is sure to become a key reference resource for students and professionals alike.

