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Collana	Chemistry research and applications Environmental science, engineering and technology
Altri autori (Persone)	JamesDhanya EliasMilja T
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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	Intro -- Library of Congress Cataloging-in-Publication Data -- Contents -- Preface -- Introduction -- Atrazine Toxicity -- Herbicide Action -- Sensors -- Atrazine Sensors-General -- Atrazine Sensors-Electrochemical -- Molecular Imprinting -- Molecular Imprinting Technology (MIT) -- History of Molecular Imprinting -- Molecular Imprinting-Classification -- Covalent Imprinting -- Non-Covalent Imprinting -- Semi-Covalent Imprinting -- Metal Coordination Imprinting -- Configurations of MIP's -- MIP Based Atrazine Sensors - Electrochemical -- Field Effect Capacitor Devices -- and Capacitive Sensors -- Permselective Membrane Coupled with Cunductometric Detection -- Potentiometry -- CHEMFET or ISFETs -- Amperometry -- Voltammetry -- Miscellaneous -- MIP Based Atrazine Sensors-Non Electrochemical -- Conclusion -- References -- Index.
Sommario/riassunto	Describes the physical and chemical properties, toxicity, herbicide action and need for routine monitoring. This title also provides an overview of sensors (with special emphasis on electrochemical sensors) for pesticides in general and atrazine in particular.