1. Record Nr. UNINA9910824202003321

Titolo	Illicit drugs in the environment : occurrence, analysis, and fate using mass spectrometry / / edited by Sara Castiglioni, Ettore Zuccato, Roberto Fanelli
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, 2011 ©2011
ISBN	9786613677815 9781118008997 1118008995 9781280747953 1280747951 9781118000816 1118000811 9781118000809 1118000803
Edizione	[1st ed.]
Descrizione fisica	1 online resource (367 pages)
Collana	Wiley Series on Mass Spectrometry ; ; v.40
Altri autori (Persone)	CastiglioniSara <1976-> ZuccatoEttore <1952-> FanelliRoberto <1944->
Disciplina	363.739/4
Soggetti	Drugs of abuse - Analysis Drugs of abuse - Environmental aspects Drugs of abuse - Spectra Water - Analysis Organic water pollutants Mass spectrometry
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	section 1. Introduction -- section 2. The physiology of illicit drugs -- section 3. Mass spectrometry in illicit drugs detection and measurement- current and novel environmental applications -- section 4. A. Mass spectrometric analysis of illicit drugs in the environment :

	occurrence and fate in wastewater and surface water -- section 4. B. Mass spectrometric analysis of illicit drugs in the environment : illicit drugs in drinking water -- section 4. C. Mass specrometric analysis of illicit drugs in the environment : presence in air and suspended particulate matter -- section 5. Applications of illicit drug analysis in the environment -- section 6. Conclusions.
Sommario/riassunto	Illicit drugs are an emerging class of environmental contaminants and mass spectrometry is the technique of choice for their analysis. This landmark reference discusses the analytical techniques used to detect illicit drugs in wastewater and surface water, details how to estimate the levels of contaminants in the environment, and explores the behavior, fate, and toxic effects of this new class of contaminants, now a ubiquitous presence in wastewater and surface water. The book details how an estimate of illicit drug consumption in a given population can be developed from an analysis of the

2.

Record Nr.	UNINA9910422646403321
Autore	Li Linghao
Titolo	Grassland Ecosystems of China : A Synthesis and Resume / / by Linghao Li, Jiquan Chen, Xingguo Han, Wenhao Zhang, Changliang Shao
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-3421-7
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVII, 583 p. 125 illus., 20 illus. in color.)
Collana	Ecosystems of China, , 2730-5481 ; ; 2
Disciplina	574.5264
Soggetti	Biotic communities Ecology Animal migration Plant ecology Biodiversity Ecosystems Terrestial Ecology Animal Migration Plant Ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1. Introduction -- Chapter 2. Overview of Chinese grassland ecosystems -- Chapter 3. Natural conditions -- Chapter 4. Major regional grasslands in China -- Chapter 5. Type and distribution of Chinese grassland ecosystems -- Chapter 6. Meadow steppe ecosystem -- Chapter 7. Typical steppe ecosystem -- Chapter 8. Desert steppe ecosystem -- Chapter 9. Alpine steppe ecosystem -- Chapter 10. Montane steppe ecosystem -- Chapter 11. Shrub Steppe Ecosystem -- Chapter 12. Sandy grassland ecosystem -- Chapter 13. Desert Rangeland Ecosystem -- Chapter 14. Meadows -- Chapter 15. Marsh Grassland Ecosystem -- Chapter 16. Tussock Grassland Ecosystem.
Sommario/riassunto	This book provides a comprehensive overview of grassland ecosystems based on publications by Chinese scholars. It offers an up-to-date review of the recent advances in grassland research in China, discusses the climatic and physical conditions governing the grasslands, describes their types and distribution, and introduces a new classification scheme for grassland ecosystems. Further, it details the plant, animal, and microbial compositions of each grassland ecosystem type, examining the above and below ground relationships between phytomass, vegetation succession, and past/current management practices with a particular focus on the steppes in China. It also includes references that are only available in the Chinese language. This scientifically rigorous book offers insights into knowledge gaps for the scientific community and identifies pressing issues facing practitioners of grassland ecology and management. It can be used as a textbook for undergraduate and graduate students in ecology, environmental science, natural resource management, agriculture, and other relevant fields, and is also a valuable reference resource for researchers studying drylands in China or around the globe.