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Titolo	Handbook of Microplastics in the Environment // edited by Teresa Rocha-Santos, Monica F. Costa, Catherine Mouneyrac
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-030-39041-1
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (1397 pages) : illustrations (some color)
Disciplina	363.738 628.52
Soggetti	Environmental chemistry Analytical chemistry Environment Polymers Pollution Nanotechnology Environmental Chemistry Analytical Chemistry Environmental Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Analysis of microplastics in the environment -- Microplastics degradation and interactions with chemical pollutants -- Fate, behaviour and impacts of microplastics -- Microplastics: regulation and remediation.
Sommario/riassunto	This reference work presents an authoritative review of microplastics as vectors of environmental contaminants and provides a comprehensive coverage of their ecotoxicological and toxicological effects. Divided into four sections, this book outlines the current analytical techniques and applications for sampling, processing analysis, and data reporting of microplastics pollution in the environment, explores microplastics degradation and interaction with chemical pollutants, discusses the fate and behaviour of microplastics in the environment, and provides

valuable insights about prevention, regulation and remediation of microplastics pollution. Written by interdisciplinary expert academics and practitioners, this reference work will appeal to a wide readership of students, researchers and professionals interested in this field, including marine scientists, environmental scientists, analytical chemists, organic chemists, biochemists, biologists, polymer scientists, and toxicologists.

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