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Titolo	Cyclodextrin Applications in Medicine, Food, Environment and Liquid Crystals / / edited by Sophie Fourmentin, Gr��gorio Crini, Eric Lichfouse
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Nota di contenuto	1. Cyclodextrin-based carriers for delivery of dietary phytochemicals -- 2. Cyclodextrin-steroid interactions and applications to pharmaceuticals, food, biotechnology and environment -- 3. Cyclodextrin-based nanosystems in targeted cancer therapy -- 4. Cyclodextrins for essential oils applications -- 5. Chemosensors for water contaminants based on chromophore-appended cyclodextrins -- 6. Silica materials containing cyclodextrin for pollutant removal -- 7. Supramolecular liquid crystals based on cyclodextrins.
Sommario/riassunto	This book is the second volume of two volumes on cyclodextrins published in the series Environmental Chemistry for a Sustainable World. This volume focuses on cyclodextrin applications. The first chapter by Divya Arora and Sundeep Jaglan presents cyclodextrin-based carriers for delivery of dietary phytochemicals. The second chapter by ��va Fenyvesi et al. describes the interactions of steroids with cyclodextrins and their applications to pharmaceuticals, food, biotechnology and environment. Nazli Erdoar and Erem Bilensoy discuss cyclodextrin-based nanosystems in targeted cancer therapy.

Miriana Kfoury et al. review the use of cyclodextrins for essential oils applications in chapter 4. Hiroshi Ikeda demonstrates in chapter 5 that chromophore-appended cyclodextrins are effective for chemosensors to detect organic molecules by fluorescence or absorbance changes. Then Gr  gorio Crini et al. describe silica materials-containing cyclodextrin for pollutant removal. The final chapter by Chang-Chun Ling et al. summarizes the synthesis and characterization of supramolecular liquid crystals based on cyclodextrins and their applications.
