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Autore	Grätzer, George
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2. Record Nr.	UNINA9910913788803321
Autore	Bahadir M
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Altri autori (Persone)	HaarstrickAndreas BedukFatma AydinSenar
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Nota di contenuto	<p>Wastewater Management in Circular Cities: Challenges of Toxic Emerging Compounds -- Pharmaceuticals in the Environment and Removal in Conventional Wastewater Treatment Plants -- Antivirals in Wastewaters and Receiving Waters: Analytical Methods and Occurrence Data -- Assessing Trace Metals Based Human Health Risk in Highly Consumed Tilapia Fish (<i>Oreochromismossambicus</i>) of Bhatiari Lake, Chattogram, Bangladesh -- Past, Present and Future of Wastewater Based Surveillance in Public Health Monitoring.</p>
Sommario/riassunto	<p>This book demonstrates the variability and extension of environmental pollutants in water and wastewater, besides with recent technological developments in wastewater treatment. It covers review articles and research studies written in a clear style, that makes it informative for scientists, researchers, professionals, and students. This book provides a comprehensive overview of the current state of knowledge regarding source, transport and fate of not only emerging compounds, but also pollutants gaining importance over time, such as pharmaceuticals, microplastics, and viruses. It ensures to understand the dimension of the adverse effects on ecosystem and human health through various exposure pathway. The book also covers recent trends in wastewater treatment, with a focus on membrane technologies allowing to remove even very small concentrations of pollutants.</p>