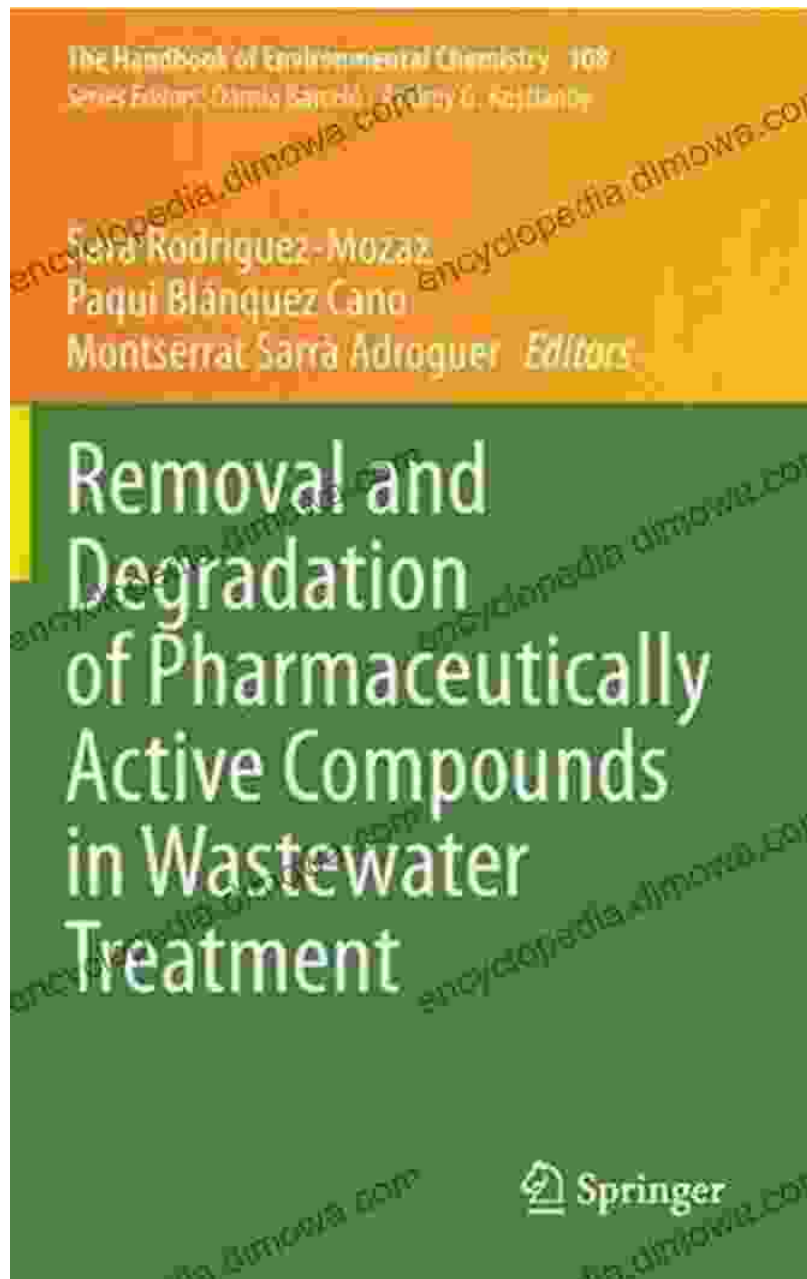


# Removal and Degradation of Pharmaceutically Active Compounds in Wastewater: A Comprehensive Guide



Pharmaceutically active compounds (PhACs) are a group of emerging contaminants that have been increasingly detected in wastewater treatment

plants (WWTPs) and the environment. These compounds can pose significant risks to human health and the ecosystem due to their potential toxicity, persistence, and bioaccumulation. Therefore, the removal and degradation of PhACs from wastewater has become a critical challenge in water quality management.



## Removal and Degradation of Pharmaceutically Active Compounds in Wastewater Treatment (The Handbook of Environmental Chemistry 108) by Sheena Sanders-Smead

★★★★☆ 4.1 out of 5

Language : English  
File size : 18393 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 694 pages



This comprehensive book provides an in-depth exploration of the removal and degradation of PhACs in wastewater. It covers a wide range of topics, including the sources, fate, and transport of PhACs in the environment; the challenges associated with their removal; and the available technologies for their treatment. The book also discusses the future research directions in this field.

This book is an essential resource for researchers, water quality managers, and environmental engineers who are involved in the treatment of wastewater and the protection of human health and the environment.

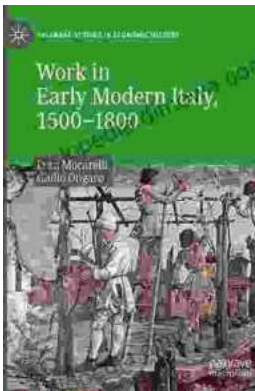
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