



water

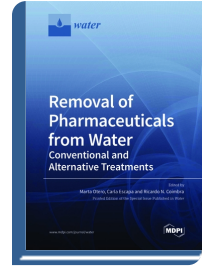


Special Issue Reprint

Removal of Pharmaceuticals from Water: Conventional and Alternative Treatments

www.mdpi.com/books/reprint/4674

Edited by
Marta Otero
Carla Escapa
Ricardo N. Coimbra



ISBN 978-3-0365-2457-3 (Hardback)
ISBN 978-3-0365-2456-6 (PDF)

Pharmaceuticals represent an especially worrying class of micropollutants because they are biologically active. Thus, their occurrence in aquatic environments may cause undesirable effects in living organisms and, if present in water sources for human consumption, may constitute a public health issue. However, wastewater treatment plants (WWTPs), which have not been designed for the removal of pharmaceuticals and cannot guarantee their full elimination, are considered hotspots for their dissemination in natural waters. In this context, the Special Issue (SI) entitled “Removal of Pharmaceuticals from Water: Conventional and Alternative Treatments” was launched to contribute to the assessment of the contemporary challenges and advances in the removal of pharmaceuticals from wastewater. Papers published in the SI, which have been compiled in this book, approached the topic with either of the following different perspectives: (i) the fate and removal of pharmaceuticals by conventional treatments applied in existing WWTPs; or (ii) advanced and alternative green approaches to remove pharmaceuticals from water. Apart from the Editorial, papers published within this SI include two literature reviews and six experimental studies, all of them presenting unconventional approaches, original views, innovative research and/or novel methodologies. This compilation will definitely spark the attention of readers intrigued in the topic, and is useful for researchers in the field.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/4674

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.