Special Issue

Advanced Oxidation Processes for Emerging Organic Pollutants Removal

Message from the Guest Editors

The increasing occurrence of emerging organic pollutants—such as pharmaceuticals, personal care products, endocrine-disrupting chemicals, and per- and polyfluoroalkyl substances (PFAS)—in aquatic environments poses significant risks to ecosystems and public health. Conventional water treatment technologies often fall short in effectively removing these recalcitrant contaminants. Advanced oxidation processes (AOPs) have emerged as powerful and versatile solutions, leveraging highly reactive species to achieve near-complete mineralization. This Special Issue aims to bring together cutting-edge research related to the development and application of AOPs for the elimination of emerging organic pollutants from water and wastewater.

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In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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