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Advanced Oxidation Technologies for the Removal of Refractory Organic Contaminants in Water and Wastewater

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Deadline for manuscript submissions:
closed (24 April 2024)

Message from the Guest Editors

We will publish studies focused on either classical or novel advanced oxidation technologies (e.g., UV/H_2O_2, O_3-MNBs), and the target contaminant will trace organic contaminants in water sources or recalcitrant organics from industrial wastewater. Both original research and review articles are welcome.

Keywords

- UV-based advanced oxidation process
- ozone-based advanced oxidation process
- Fenton/Fenton-like process
- trace organic contaminants
- recalcitrant organics
- kinetics and mechanism
- toxicity evaluation
- energy cost
- reactor performance

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Special Issue

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Message from the Editor-in-Chief

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.

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