



*water*



an Open Access Journal by MDPI

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

Guest Editors:

### **Dr. Wentao Li**

State Key Laboratory of Environmental Aquatic Chemistry, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing, China

### **Dr. Junfeng Lian**

Jiangxi Provincial Key Laboratory of Water Ecological Conservation at Headwater Regions, Jiangxi University of Science and Technology, 1958 Ke-jia Road, Ganzhou 341000, China

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<sub>2</sub>O<sub>2</sub>, O<sub>3</sub>-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



[mdpi.com/si/188466](https://mdpi.com/si/188466)

**Special** Issue



*water*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Dr. Jean-Luc PROBST**

Laboratory of Functional Ecology and Environment, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, France

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q2 (*Water Resources*) / CiteScore - Q1 (Water Science and Technology)

## Contact Us

---

Water Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/water](http://mdpi.com/journal/water)  
[water@mdpi.com](mailto:water@mdpi.com)  
[X@Water\\_MDPI](https://twitter.com/Water_MDPI)