

Special Issue

Advanced Oxidation Processes for Efficient Removal of Organic Pollutants in Water Treatment

Message from the Guest Editor

The removal of organic pollutants from water has received widespread attention as they pose significant risks to human health. Advanced oxidation processes (AOPs) are deemed to be one of the most promising technologies for the removal of organic contaminants, which can generate reactive oxygen species (ROS) with strong oxidation capability to decompose organic pollutants into smaller molecules or mineralize them into carbon oxide and water. ROS are usually generated through the stimulation of oxidants through ultrasound, electricity, light, or catalysts. The three dimensions of efficiency, selectivity, and cost are becoming the global research focus for AOPs that aim for larger-scale industrial application for the removal of organic pollutants. This Special Issue aims to collect original, high-quality articles that explore the full potential of advanced oxidation technology for the removal of organic pollutants from water.

Guest Editor

Dr. Yan Wang

Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing 100085, China

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Organics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
organics@mdpi.com

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Message from the Editor-in-Chief

Organics is an open-access journal that offers rapid dissemination of innovative, informative, and impactful results in every aspect of organic chemistry, with a particular emphasis on new or significantly improved research results in the field of organic chemistry. The aim of this journal is to encourage scientists to publish their experimental and theoretical results in great detail to facilitate the advancement of organic chemistry. Main subject areas include but are not limited to: organic synthesis, synthetic methodology, theoretical organic chemistry, physical organic chemistry, supramolecular and macromolecular chemistry, heterocyclic chemistry, organocatalysis, bioorganic chemistry, organometallic chemistry, functional organic materials, etc. There is no restriction on the maximum length of the papers. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible.

Editor-in-Chief

Prof. Dr. Wim Dehaen

Sustainable Chemistry for Metals and Molecules, Department of Chemistry, KU Leuven, Celestijnenlaan 200F, 3001 Leuven, Belgium

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