

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

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Deadline for manuscript submissions

10 June 2026



Separations

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.5



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Editor-in-Chief

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