Special Issue

Advanced Oxidation Processes for Waste Treatment

Message from the Guest Editor

This Special Issue on “Advanced Oxidation Processes for Waste Treatment” focuses on the latest novel advances in the development and application of AOPs, containing Fenton, Fenton-like, photo-assisted Fenton, sonolysis, ozonation, combined ultrasonic–ozone treatment, combined ozone/UV processes, ozone combined with peroxymonosulfate, ferrate (VI, V, and IV) technology, permanganate oxidation, photocatalysis, nanotechnology, ionizing radiation technology, UV/H2O2, electrochemical oxidation, and other related oxidation processes. Topics include, but are not limited to, the following:

- Reaction mechanisms involved in AOPs;
- Applications of AOPs in wastewater treatment;
- New technologies and methodologies in AOPs;
- Optimization of AOPs;
- Environmental impact of AOPs;
- Formation, fate, and toxicity of emerging contaminants.

Guest Editor

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Editor-in-Chief

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