Special Issue

Advanced Oxidation Processes in Wastewater Treatment: Latest Advances and Prospects

Message from the Guest Editor

In view of the inevitable limitation of traditional biological processes for the removal of refractory contaminants, advanced oxidation processes (AOPs), originally defined as the techniques involving the generation of hydroxyl radicals (•OH), are considered as promising strategies in wastewater treatment. In wastewater treatment, AOPs are commonly used as the tertiary treatment section to produce radicals with high reactivities, capable of degrading micropollutants and harmful organic matters. This Special Issue on "Advanced Oxidation Process for Wastewater Treatment: Latest Advances and Prospects" will cover new concepts, novel processes, and new application areas based on AOPs, aiming to improve efficiencies and capacities of AOPs for wastewater treatment. Potential topics include, but are not limited to, the following:

- Fenton or Fenton-like processes;
- Ozone-based processes;
- UV-based processes;
- Persulfate-based processes;
- Ultrasound-based processes;
- Chlor(am)ine-based processes;
- Homogenous and heterogenous catalysis-driven processes;
- Electrochemical catalysis-driven processes;
- Photocatalysis-driven processes.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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