

Special Issue

Catalysis in Advanced Oxidation Processes for Environmental Remediation

Message from the Guest Editor

This Special Issue on "Catalysis in Advanced Oxidation Processes for Environmental Remediation", highlighting recent progress in the field, aims to provide answers to many remaining questions that need to be addressed to meet stringent pollutant emission standards in a cost-effective and efficient manner. Topics of interest include, but are not limited to:

- Design of photocatalysts and composite materials for the degradation of pollutants present in wastewater, waste gases, and the atmosphere;
- Photocatalytic water splitting, photoreforming of biomass and plastic waste;
- Exploiting potential of the in situ characterization techniques, molecular modeling, and theoretical simulations for a better understanding of the mechanisms of pollutants degradation;
- Design, analysis, and modeling of photocatalytic reactors, laboratory- and pilot-plant scale photoreactors.

Guest Editor

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Editor-in-Chief

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