Special Issue

Photocatalysis Application in Environment Science

Message from the Guest Editors

Heterogeneous photocatalytic processes have gained increasing interest as an efficient method to degrade a wide range of organic pollutants. The development of novel catalytic systems with improved redox properties and superior visible light activity is a great challenge today. This Special Issue on "Photocatalysis Application in Environment Science" seeks high-quality research articles, as well as review articles, focusing on the latest advances in photocatalytic processes and their application in environmental sciences. It is expected that this issue will stimulate further research activities in this area and shed light on the main scientific and technological problems in photocatalytic application in environmental sciences. The topics of interest include:

- Design of novel photocatalytic materials with improved structural, optical, and textural properties and superior photocatalytic activity;
- Application of photocatalytic material for wastewater treatment and treatment of air pollutants;
- Theoretical calculation, kinetics, and mechanism modeling of photocatalytic reactions.

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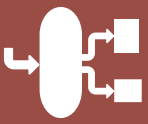

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Editor-in-Chief

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