

Special Issue

Approaches to Catalysis: Elimination of Environmental Pollutants

Message from the Guest Editors

Due to global economic development, human activities have generated excessive toxic organic and inorganic pollutants that have been released into the environment, causing several environmental public health issues.

Thus, there are increasing public concerns about the elimination and control of environmental pollutants. The elimination of environmental pollutants mainly includes chemical catalytic degradation, catalytic degradation with new materials, and biodegradation in the environment. The degradation and removal of environmental pollutants are dependent on catalytic efficiency and method practicability. Topics of interest for this Special Issue include the biogeochemical processes of pollutant degradation, catalytic degradation of pollutants using new functional materials, photocatalytic degradation, advanced oxidation technology, pollutant removal by plants or microorganisms, and new methods or technologies for the removal of environmental pollutants. We wish to include target pollutants such as heavy metals, pesticides, antibiotics, environmental hormones, antibiotic resistance genes, and microplastics.

Guest Editors

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