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New Trends in Metal-Doped Photocatalytic Materials

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Message from the Guest Editors

Photocatalysts represent a large class of materials used in a wide range of applications, such as industrial synthesis, drug delivery, energy storage, and wastewater treatment. However, the photocatalytic efficiency of bare photocatalysts is relatively low; metal doping is a fundamental and an effective technique used for band-gap engineering, consequently improving photocatalytic performances.

Potential topics of interest for this Special Issue include, but are not limited to, the following aspects:

- Synthesis and characterization of novel metal-doped photocatalysts;
- Processes intensification using metal doping;
- Metal-doped photo-materials in wastewater and air treatment;
- Metal-doped photocatalytic materials for sustainability;
- Reactor and plant design for metal-doped catalysts;
- Reviews on metal-doped photocatalysts.



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