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Advanced Photocatalytic Materials for Energy and Environment

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Deadline for manuscript submissions:
closed (30 July 2020)

Message from the Guest Editors

Dear Colleagues,

Photocatalysis is a highly attracting process with multiple applications, especially in the field of pollution removal and fuel production. The aim of this special issue focuses on their novel photocatalytic materials synthesis, properties and discussions on their fundamental principles and application achievements in energy fields. The following topics are emphasis:

- Morphology dependent and facet-designed photocatalytic materials;
- Surface modification and doping of photocatalytic materials;
- Novel and green synthesis of photocatalytic materials;
- Photocatalytic Wastewater treatment and environmental remediation;
- Photocatalytic hydrogen/oxygen evolution and water splitting;
- Photocatalytic CO2 reduction;
- Photoelectrochemistry of photocatalytic materials.

This special issue will highlight and attract world-leading researcher in the area of photocatalysts for energy and environmental research by publishing high quality, original contributions in these application areas.

Prof. Dr. Yen-pei Fu
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.

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