



Advanced Nanomaterials for Photocatalytic Technologies

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Message from the Guest Editors

Dear Colleagues,

The use of photocatalytic nanomaterials such as semiconductors to overcome environmental pollution and produce clean energy has attracted worldwide attention in recent years. Photocatalytic semiconductors are coated on cement or waste products for immobilization purposes for the cleaning of air and water pollution. This Special Issue encourages the submission of papers on the use of different techniques in synthesis and sample characterization, including the use of scanning electron microscopy, X-ray diffraction, transmission electron microscopy, Raman spectra, X-ray photoelectron spectroscopy, electrochemical characterization, and the photocatalytic abilities of synthesized nanomaterials in applications that cover the following subtopics:

- Characterization of photocatalytic semiconductors;
- Nanomaterial for pollution degradation;
- Nanomaterial for energy conversion;
- Hybrid nanomaterials for photocatalysis in visible light.

We welcome reviews, original research articles, and communications.





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Message from the Editor-in-Chief

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