



Advances in TiO₂ Photocatalysis

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Message from the Guest Editor

Dear Colleagues,

Heterogeneous photocatalysis is an effective way to reduce pollution in both air and water environments, and represents a possible way to face the problems related to the increasing emissions/introduction of hazardous substances. Many advantages are obvious and already reported in the literature in a long list of publications. This Special Issue, focused on the use of TiO₂ in this specific field of application, aims to collect an ensemble of papers addressing recent and novel implementations of TiO₂-based materials studied to directly use titania under sunlight or commercial LED light, thus overcoming its intrinsic limit linked to its large band gap. The authors will thus find the occasion to share their latest research in all the fields covered by the keywords herein.

Prof. Dr. Giuseppina Cerrato
Guest Editor





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Message from the Editor-in-Chief

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