

## Special Issue

# Advances in TiO<sub>2</sub> Photocatalysis

### Message from the Guest Editor

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 TiO<sub>2</sub> in this specific field of application, aims to collect an ensemble of papers addressing recent and novel implementations of TiO<sub>2</sub>-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

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### Guest Editor

Dr. Giuseppina Pinuccia Cerrato

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### Deadline for manuscript submissions

closed (15 November 2019)



## Molecules

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### Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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