



Photocatalytic materials alternative to TiO₂ for environmental remediation, sustainable chemistry and energy conversion

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Deadline for manuscript
submissions:

closed (31 December 2017)

Message from the Guest Editors

Dear Colleagues,

The use of solar light to carry out chemical reactions appears to be one of the most intriguing technologies in order to solve environmental and energy problems. Current research is no longer limited to the traditional TiO₂ semiconductor; indeed, significant progress has been made in the development of novel photocatalytic materials.

This Special Issue of Catalysts aims to present the state-of-the-art and advances in emerging materials used as heterogeneous photocatalysts for environmental remediation, conversion of solar energy to usable fuel, either by reducing CO₂ to carbon-based fuels or by reducing protons to hydrogen, green synthesis, and, in general, sustainable chemistry.

We are pleased to invite you to submit manuscripts for this Special Issue in the form of research papers, communications, letters, and review articles.

Prof. Dr. Eng. Giuseppe Marci

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