

Special Issue

Photocatalytic materials alternative to TiO_2 for environmental remediation, sustainable chemistry and energy conversion

Message from the Guest Editors

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 TiO_2 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 CO_2 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.

Guest Editors

Dr. Giuseppe Marci

Department Engineering, University of Palermo, 90133 Palermo, PA, Italy

Dr. Elisa I. García-López

Department of Biological, Chemical and Pharmaceutical Sciences and Technologies (STEBICEF), University of Palermo, Viale delle Scienze, 90128 Palermo, Italy

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Catalysts
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
catalysts@mdpi.com

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Prof. Dr. Keith Hohn

Carl R. Ice College of Engineering, Kansas State University, Manhattan,
KS, USA

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