

Special Issue

Metal Oxide Semiconductors in Photocatalysis

Message from the Guest Editor

Since the groundbreaking work published by Honda and Fujishima in the 1960s on the electrochemical photolysis of water, the use of Metal Oxide Semiconductors in Photocatalysis has gained enormous attention, giving rise to a broad scope of applications. Although the potential of metal oxides semiconductors as catalytic platforms in organic synthesis was demonstrated decades later, efficient photocatalytic systems are being developed in order to achieve light-induced high-valuable organic transformations. This Special Issue aims to cover the application of Metal Oxide Semiconductors in Photocatalysis, especially to organic transformations such as C–C, C–heteroatom bond formation, and oxidations and reductions processes, as well as their use in continuous flow technology. Therefore, we welcome your contributions to the field in the form of research articles, communications, or short reviews that reflect the state of the research of the proposed topic.

Guest Editor

Dr. Paola Riente Paiva

Department of Chemical Engineering and Chemistry, Micro Flow Chemistry and Synthetic Methodology, Eindhoven University of Technology, The Netherlands

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

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