# **Special Issue**

# Recent Trends in Light-Assisted Reactions for CO<sub>2</sub> Conversion to Fuels and Chemicals

### Message from the Guest Editors

This Special Issue will be focused on "Recent trends in light-assisted reactions for CO2 conversion to fuels and chemicals", featuring the state of the art in this field. We welcome the submission of research and review papers related to the preparation and characterization of novel catalytic materials and their use in visible (or solar light) light-driven photocatalytic reactions for the conversion of CO2 to fuels (such as CH4 and CO) and/or useful organic compounds (such as formic acid and methanol).

#### **Guest Editors**

Dr. Antonietta Mancuso

Dr. Vincenzo Vaiano

Dr. Olga Sacco

#### Deadline for manuscript submissions

31 October 2025



an Open Access Journal by MDPI

Impact Factor 2.3 CiteScore 5.0



mdpi.com/si/222639

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

mdpi.com/journal/photochem





# **Photochem**

an Open Access Journal by MDPI

Impact Factor 2.3 CiteScore 5.0



# **About the Journal**

## Message from the Editor-in-Chief

#### Editor-in-Chief

Prof. Dr. Dirk M. Guldi

Department of Chemistry and Pharmacy, Interdisciplinary Center for Molecular Materials, Friedrich-Alexander-Universitaet Erlangen-Nuernberg, 91052 Erlangen, Germany

#### **Author Benefits**

## **Open Access:**

free for readers, with article processing charges (APC) paid by authors or their institutions.

### **High Visibility:**

indexed within Scopus, ESCI (Web of Science), EBSCO, and other databases.

### **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.4 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the first half of 2025).

