

Special Issue

Recent Trends in Light-Assisted Reactions for CO₂ 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 August 2026



Photochem

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](https://mdpi.com/journal/photochem)





Photochem

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 5.0



[mdpi.com/journal/
photochem](https://mdpi.com/journal/photochem)



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 19.2 days after
submission; acceptance to publication is undertaken in 4.3
days (median values for papers published in this journal in
the second half of 2025).