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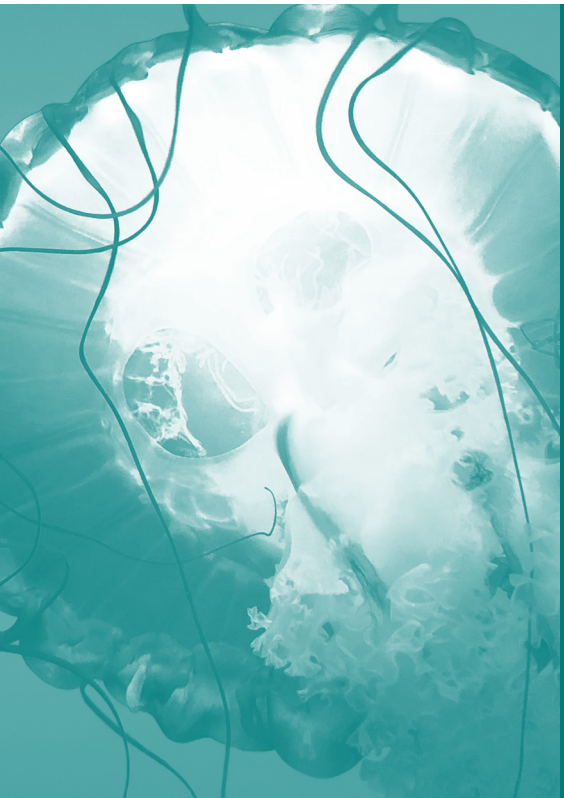
Photochem



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Message from the Editor-in-Chief

Photochem is an open access journal published by MDPI and covers the entire scope of photochemistry. Photochemical systems can utilize light to drive important chemical reactions or to generate electricity, which is of great practical significance for the development of sustainable sources of energy. Photochemical transformations of molecules may be constructive or degradative, and are often quite distinct from conventional thermal transformations. Photochemistry is at the forefront of the huge environmental challenges of sustainability, energy harnessing, and energy conversion. Next to photo-driven energy conversion, at the focal point of Photochem, are themes such as plant photochemistry and phototherapy.

The wide application of photochemistry in numerous fields has led to the launch of *Photochem* as a transdisciplinary platform to foster the collection, sharing, and dissemination of photochemistry research to the photochemistry community. *Photochem* aims to become a top-ranking journal in the area of photochemistry.

Editor-in-Chief
Prof. Dr. Dirk M. Guldi

Aims

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. For theory papers, full details of proofs must be provided so that results can be checked. For experimental papers, full experimental details must be provided so that the results can be reproduced.

Scope

The scope of *Photochem* includes, but is not limited to, the following:

- organic photochemistry
- synthetic photochemistry
- photocatalysis
- photofunctionalization
- photobiology
- medicinal photochemistry
- computational photochemistry
- photoelectrochemistry
- solar energy conversion
- condensed and gas-phase photochemistry
- polymer photochemistry
- supramolecular photochemistry
- photochromism
- luminescent sensors
- photochemistry for environmental remediation
- atmospheric photochemistry
- interstellar photochemistry
- photochemistry on ice
- prebiotic photochemistry
- laser photochemistry
- synchrotron radiation chemistry
- processes and techniques in photochemistry
- plant photochemistry

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Rapid Publication

A first decision is provided to authors approximately 20.4 days after submission; acceptance to publication is undertaken in 6.2 days (median values for papers published in this journal in the first half of 2026)

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