

Special Issue

Advances in Photocatalytic Water and Wastewater Treatment Processes

Message from the Guest Editors

This Special Issue on “Advances in Photocatalytic Water and Wastewater Treatment Processes” seeks high-quality works focusing on the latest developments in the field. We invite contributions that explore multidisciplinary, innovative photocatalytic materials, mechanisms, and methodologies that enhance the efficiency and applicability of water as well as wastewater treatment. Topics include, but are not limited to, the following:

- Development and characterization of novel photocatalysts for water and wastewater treatment;
- Mechanistic insights into the photocatalytic degradation of pollutants;
- Design and optimization of photocatalytic reactors as well as reaction systems;
- Integration of photocatalytic processes with other water treatment technologies;
- Pilot-scale studies on and scalability of photocatalytic water treatment processes;
- Life cycle assessments, economic analyses, and sustainability studies of photocatalytic treatment systems;
- Photocatalytic removal of emerging contaminants from water and wastewater.

Guest Editors

Dr. Bruno Ramos

Dr. Mohamed Gar Alalm

Prof. Dr. Antonio Carlos Silva Costa Teixeira

Deadline for manuscript submissions

30 January 2026



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.1



mdpi.com/si/217754

Processes
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

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





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.1



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



About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Chemical) / CiteScore - Q2 (Chemical Engineering (miscellaneous))