Special Issue

Photocatalysis and Adsorption Techniques in Water and Wastewater Treatment

Message from the Guest Editors

This special issue aims to publish original research or review papers concerning adsorption and photocatalytic technologies for the removal of organic, inorganic and heavy metal pollutants from the water and wastewater by various techniques, and to provide more research information on the mechanism of adsorption and photocatalysis. The overall scope of this Special Issue includes up-to-date developments on the current state-of-the-art knowledge of various adsorption and photocatalysis techniques and their applications in the broader field of water and wastewater treatments. Specifically, the topics for this Special Issue include, but are not restricted to:

- Adsorption techniques for water and wastewater.
- Photocatalytic degradation of organic pollutants from polluted water.
- Nanomaterials for water and wastewater treatments.
- Small-scale and large-scale treatment plants for water and wastewater.
- Nanocomposites for water and wastewater treatments.
- Adsorption and kinetic models.

Guest Editors

Prof. Dr. Mohamed Nageeb Rashed
Faculty of Science, Aswan University, Aswan, Egypt

Prof. Dr. Mohamed Farid Cheira
Nuclear Materials Authority, Cairo, Egypt

Deadline for manuscript submissions

closed (30 June 2023)

Separations

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 4.5

mdpi.com/si/138858

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

mdpi.com/journal/separations

Separations

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 4.5

mdpi.com/journal/separations

MDPI

About the Journal

Message from the Editor-in-Chief

Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Editor-in-Chief

Prof. Dr. Frank L. Dorman
Department of Chemistry, Dartmouth College, Hanover, NH 03755, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.3 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.