

Special Issue

Advanced Nanomaterials for a Green World

Message from the Guest Editors

A recent report of the European Union is entitled "Closing the circle". In the focus of this report is the concept of circular economy. The change towards a circular economy model is a basic pillar in most research programs, also in the field of research and development of materials. To accomplish this change of paradigm, new materials and approaches are needed in most of the commodity sectors. Keep a safe environment, providing clean water for all the population, while protecting the wild life, fighting against the global warming requires the development of new and more efficient photocatalytic materials, able to degrade the pollutants from air and water, but also materials with a high capacity for energy storage, or materials able to detect different deleterious substances before the non-return point is reached. The aim of this issue is to collect a series of relevant papers on these topics to build a panorama of the current research trends in these topics from a cross-cutting perspective.

Guest Editors

Prof. Dr. Paloma Fernández Sánchez

Dr. Ana Urbieto

Prof. Dr. María Eugenia Rabanal Jiménez

Prof. Dr. Olivera Milošević

Deadline for manuscript submissions

closed (31 December 2021)



Catalysts

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 7.6



mdpi.com/si/48866

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

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





Catalysts

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 7.6



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



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Keith Hohn

Carl R. Ice College of Engineering, Kansas State University, Manhattan,
KS, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, CAB Abstracts, and other databases.

Journal Rank:

JCR - Q2 (Chemistry, Physical) / CiteScore - Q1 (General Environmental Science)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.6 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).