

Special Issue

Green Chemistry: Latest Advances and Prospects

Message from the Guest Editor

Green chemistry is a fast-developing interdisciplinary area of chemical sciences and engineering. It focuses on designing and applying materials, methods, and technologies in which human and ecosystem safety are central. This Special Issue hopes to bring together submissions addressing any of the 12 principles of green chemistry. We welcome original articles and reviews focused on the following topics: the latest advances in waste minimization, prevention, and utilization; applications of renewable resources and sustainable materials; the optimization of recycling and biomass valorization processes; the design of benign reagents for safer chemical transformations; the application of green and sustainable solvents; the development of efficient and safe catalysts; the development of technologies for reducing energy consumption and environmental impacts; applications of green metrics in chemistry and engineering.

Guest Editor

Dr. Anton V. Dolzhenko
School of Pharmacy, Monash University Malaysia, Bandar Sunway,
Malaysia

Deadline for manuscript submissions

closed (10 November 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 6.1



mdpi.com/si/74896

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

mdpi.com/journal/

appls.c





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 6.1



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, 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, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (Fluid Flow and Transfer Processes)