Special Issue

Nanomaterials for Wastewater Treatment: Novel Designs and Applications

Message from the Guest Editors

Nanomaterials have gained significant attention in recent years for their potential applications in wastewater treatment. Their unique properties, such as high surface area, reactivity, and tunable characteristics, make them promising candidates for addressing various challenges in water and wastewater treatment. Hence, we are introducing this Special Issue to discuss the latest developments and trends in novel designs and applications of nanomaterials for wastewater treatment. Original research and review papers are welcome, and topics of interest include but are not limited to the following: Circular economy;
Innovative functional nanomaterials and hybrid systems;
Developed and innovative strategies for innovative functional nanomaterials and hybrid systems;
Wastewater treatment applications of functional hybrid systems;
Advanced pollutant-detecting sensors;
Solutions and sustainability (2S);
Environmental/analytical chemistry;
Green synthesis/benign functional nanomaterials for wastewater treatment.

Guest Editors

Dr. Garima Rathee
Molecular and Industrial Biotechnology Group, Universitat Politècnica de Catalunya, Barcelona, Spain

Dr. Agnieszka Pilarska
Department of Hydraulic and Sanitary Engineering, Poznan University of Life Sciences, Piątkowska 94A, 60-649 Poznan, Poland

Deadline for manuscript submissions

closed (20 November 2024)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/191580

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

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

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, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)