Special Issue

Nanotechnology for Renewable Materials Designs

Message from the Guest Editor

One of the great technological challenges in the 21st century is the development of renewable materials designs due to the lack of source materials. A new promising area experiencing rapid research development is nanotechnologies, which is currently generating a lot of attention and therefore building great expectations not only in the academic community but also among investors, governments, and industries. This Special Issue will present a collection of the most recent advances in nanotechnology, including theoretical and experimental works related to renewable material production and their applications in energy, sensors, electrocatalysts, etc. The aim of the Special Issue is to introduce several significant contributions to nanotechnology in terms of materials designs from numerous research groups working on different aspects. We think that this paper can be considered as an important bridge between nanotechnology and all the available types of renewable materials design.

Guest Editor

Dr. Yen-Linh Thi Ngo

Hydrogen Fuel Cell Research Center, Korean Institute of Science and Technology (KIST), Seoul, Republic of Korea

Deadline for manuscript submissions

closed (30 July 2024)



Designs

an Open Access Journal by MDPI

CiteScore 4.8



mdpi.com/si/127414

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

mdpi.com/journal/designs





Designs

an Open Access Journal by MDPI

CiteScore 4.8



About the Journal

Message from the Editor-in-Chief

Designs (ISSN 2411-9660) is a peer-reviewed and open access journal which provides a unifying research framework for a wide range of engineering designs of disciplines and industrial applications, including mechanical engineering, electrical engineering, civil engineering, mechatronics, aerospace engineering, bioengineering, energy engineering, industrial engineering and manufacturing systems are of interest. We would like to invite you to contribute to the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Joshua M. Pearce

Department of Electrical & Computer Engineering, Western University, London, ON N6A 3K7, Canada

Author Benefits

High visibility

: indexed within Scopus, Inspec, Ei Compendex and other databases.

Journal Rank:

CiteScore - Q2 (Engineering (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.3 days after submission; acceptance to publication is undertaken in 4.6 days (median values for papers published in this journal in the first half of 2025).

