

IMPACT FACTOR 3.0



an Open Access Journal by MDPI

# **Energy Storage and Conversion Based on Low-Dimensional Nanostructure**

Guest Editors:

#### Dr. Dan Luo

Beijing Institute of Nanoenergy and Nanosystems, Chinese Academy of Sciences, Beijing 101400, China

## Dr. Yujia Lv

Beijing Institute of Nanoenergy and Nanosystems, Chinese Academy of Sciences, Beijing 101400, China

#### Dr. Shengwei Zhang

Beijing Institute of Nanoenergy and Nanosystems, Chinese Academy of Sciences, Beijing 101400. China

Deadline for manuscript submissions:

closed (25 April 2022)

## **Message from the Guest Editors**

Dear Colleagues,

The Special Issue invites papers that not only provide new fabrication strategies for nanomaterials, especially low-dimensional nanomaterials, but also explore their applications in energy storage and conversion. Papers focusing on addressing key issues in the field of nanoenergy are encouraged. Contributions include on a variety of topics such as batteries, self-powered nanodevices, fuel cells, hydrogen generation and storage, supercapacitors, and other related content.

## **Keywords:**

- Nanostructures
- Energy storage and conversion
- Renewable energy
- Fossil energy

Prof. Dr. Dan Luo Dr. Yujia Lv Dr. Shengwei Zhang Guest Editors











an Open Access Journal by MDPI

## **Editor-in-Chief**

### Prof. Dr. Enrico Sciubba

Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

## Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

## **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, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

#### **Contact Us**