



an Open Access Journal by MDPI

Nanocarbon-Based Hybrid Materials for Energy Storage Devices

Guest Editor:

Prof. Dr. Hirofumi Yoshikawa

Department of Material Science,
School of Engineering, Kwansai
Gakuin University, Gakuen 2-1,
Sanda 669-1337, Japan

Deadline for manuscript
submissions:

closed (31 December 2020)

Message from the Guest Editor

Dear Colleagues,

To address the grand challenges relating to energy and the environment, there is a strong incentive to develop renewable energy conversion and storage devices with sustainable materials. Nanocarbons, such as carbon nanotubes, nanoporous carbons, carbon nanofibers, carbon nanoparticles and graphene based hybrid materials have attracted tremendous interests as energy materials owing to their high specific surface area, excellent electrical and mechanical properties. This Special Issue will focus on recent research and developments of all kinds of carbon hybrid materials for energy storage. These development include hybrid materials for Li-ion batteries, Li-S Batteries, Na-ion batteries, and supercapacitors.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Manuscripts in the form of full research papers, communications or reviews are all welcome.

Kind regards,

Prof. Dr. Hirofumi Yoshikawa
Guest Editor



mdpi.com/si/16552

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)