

Special Issue

Low Dimensional Materials for Batteries and Supercapacitors

Message from the Guest Editors

Due to the depletion of fossil fuels and escalating environmental pollution concerns, environmentally friendly renewable energy storage and conversion technologies have garnered significant attention from researchers. The advancement of high-performance energy materials has emerged as a pivotal focus in the evolution of energy conversion and storage technologies. Consequently, researchers have been actively investigating the nanoscale interactions between energy and matter to address this challenge. These explorations have contributed to an enhanced grasp of low-dimension material control and design, paving the way for the development of more efficient energy conversion/storage devices such as batteries and supercapacitors. To highlight the recent advances in this field, *Materials* is launching a virtual Special Issue, entitled “Low Dimensional Materials for Batteries and Supercapacitors”, focusing on batteries and supercapacitors.

Guest Editors

Prof. Dr. Kuiqing Peng

Beijing Key Laboratory of Energy Conversion and Storage Materials,
School of Physics and Astronomy, Beijing Normal University, Beijing
100875, China

Dr. Javed Muhammad Sufyan

Institute of Carbon Neutrality, Zhejiang Wanli University, Ningbo 315100,
China

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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About the Journal

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.

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

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