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Advances in Energy Storage and Conversion Composites

Guest Editors:

Prof. Hua Li
State Key Laboratory of Metal Matrix Composites, School of Materials Science and Engineering, Shanghai Jiao Tong University, Shanghai 200240, China

Dr. Wang Kaifeng
State Key Laboratory of Metal Matrix Composites, School of Materials Science and Engineering, Shanghai Jiao Tong University, Shanghai 200240, China

Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

Today, the storage and conversion of energy regarding portable electronic devices need improvements in components and microstructures of materials. The development of nanotechnology with the latest characterization facilities has led to the revolution of these materials. The emergence of electrochemical energy storage and conversion is regarded as one of the most promising methods of storing and transforming energy, which needs systematic strategies to reach maximum efficiencies.

This Special Issue will compile recent developments in the field of energy storage and conversion devices. The articles presented in this Special Issue will cover various topics including, but not limited to, the optimization of the preparations, and the functionalization and the characterization of various electrochemical devices, including batteries, electrolyte, supercapacitors, fuel cells, renewable energy, and portable electronic devices. Topics are open to carbon-based materials, MOFs, MXene, and other kinds of materials for the development of applications.

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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

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Contact Us

Materials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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