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Advanced Battery Materials-2021

Guest Editor:

Dr. Yongchang Liu

Institute for Advanced Materials
and Technology, University of
Science and Technology Beijing,
Beijing 100083, China

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Message from the Guest Editor

Dear Colleagues,

Ever-increasing environmental problems and energy challenges have created urgent demand for utilizing green, efficient, and sustainable energy, thus promoting the development of advanced energy storage technologies. Among the various energy storage devices, Li/Na/K/Zn/Mg-ion and metal–air batteries have evoked a plethora of research owing to their attractive features, including high energy density, long life cycle, and good rate capability. The development of advanced battery systems relies heavily on advances in materials chemistry innovation. Understanding the controlled synthesis, reaction mechanisms, and structure–performance relationships of electrode materials is of great significance to boost battery research and has inspired this Special Issue. We cordially invite investigators to contribute original research articles or review articles that will stimulate further research activities in this area and improve our understanding of the key scientific and technological problems in advanced battery materials.



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Special Issue



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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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