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High Performance Sodium Rechargeable Batteries and Beyond

Guest Editors:

Prof. Dr. Zhe Hu
College of Materials Science and Engineering, Shenzhen University, Shenzhen 518055, China

Dr. Lingfei Zhao
Institute for Superconducting and Electronic Materials, University of Wollongong, Wollongong, NSW 2500, Australia

Dr. Jian Peng
Institute for Superconducting and Electronic Materials, University of Wollongong, Wollongong, NSW 2522, Australia

Deadline for manuscript submissions:
15 August 2024

Message from the Guest Editors

Dear Colleagues,

Sodium batteries are feasible alternatives to Li-ion batteries. Great achievements have been made during the last decades, while challenges including low initial Coulombic efficiency, insufficient cycling stability, and unsatisfactory all-climate performance remain. Rational material design and in-depth understanding of the reaction mechanisms are meaningful and highly desirable.

In this Special Issue, we are looking for contributions including but not limited to:

- Novel electrode material design with high performance;
- Rational electrolyte design via solvation structure engineering;
- Artificial solid-electrode interphase engineering;
- Multiscale reaction mechanism;
- Advanced characterizations

We anticipate with pleasure receiving your submission of your latest research work on rechargeable sodium batteries and beyond.

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Editor-in-Chief

Prof. Dr. Karim Zaghib
Department of Chemical and Materials Engineering, Concordia University, Montréal, QC H3G 1M8, Canada

Message from the Editor-in-Chief

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Contact Us

Batteries Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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