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Recent Progress in Electrode Materials for Sodium-Ion Batteries

Guest Editors:

Prof. Alain Mauger
Institut de Minéralogie, Physique de la Matière Concensée et Cosmologie, Sorbonne Université, Paris, France

Prof. Dr. Christian Julien
Institut de Minéralogie, Physique des Matériaux et Cosmologie (IMPMC), Sorbonne Université, Paris, France

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Message from the Guest Editors

Sodium-ion batteries (SIBs) are alternative to lithium-ion batteries (LIBs) for some applications for several reasons: (i) sodium metal is abundant in the earth's crust and can be extracted from the salt of the oceans; (ii) as a consequence, sodium metal is also cheap; (iii) SIBs have good performance in aqueous systems in contrast with LIBs, which enables the use of cheaper electrolytes and easier fabrication processes; and (iv) SIBs may find a market for applications where the weight and volume of the batteries are not important parameters, such as grid-scale storage. The objective of this Special Issue o f *Materials*, "Recent Progress in Electrode Materials for Sodium-Ion Batteries", is to present the latest achievements from the field of electrode materials for sodium-ion batteries (anodes and cathodes). We invite contributions on topics that include original research data, review articles, communications, and short notes that focus on new (experimental or theoretical) advances, challenges, and outlooks concerning their preparation, characterization, and application.

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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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