Special Issue

High-Performance Sodium-Ion Batteries

Message from the Guest Editors

The last 10 years represent the start of a new stage in energy storage based on both Li and Na rocking-chair batteries. Na-ion battery systems (NIBs) have demonstrated to be an emerging energy storage technology that can complement Li-ion in a very competitive way, with its main role in stationary energy storage but also a feasible use in lightweight transport. Further progress on Na-ion batteries involves the search for and optimization of materials that lead to high-energy-density systems with rapid charging ability, and thus, high-performance Na-ion batteries. Therefore, this Special Issue addresses the progress in high-performance NIBs by the optimization of electrode materials, electrode/electrolyte interphases and full cell systems by the use of, for example, new synthetic procedures, the preparation of novel nanostructures or composites, and the utilization of doping strategies. As your research work is relevant to this research area, I would be pleased to receive your proposal for an article in this Special Issue, entitled “High-Performance Na-ion Batteries”.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2022)

Batteries

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 6.6

mdpi.com/si/121575

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