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Novel Technologies for Metal-Ion and Metal Batteries

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Deadline for manuscript
submissions:

closed (31 January 2021)

Message from the Guest Editors

For this Special Issue, we encourage the submission of relevant papers (short communications, and full, progress, or review articles) focusing on electrochemistry studies and physicochemical characterisations of active materials, electrolytes, separators, binders, conductive additives, and current collectors, and their degradation processes for battery application.

We encourage submission of papers focused on the main challenges related to material deterioration, interfacial instability, and battery components compatibility for Li-ion and post-Li-ion batteries such as Li metal, Li-S, and Li-air, as well as post-Li technologies such as Na-ion, Na-S, Na-air, Al-ion, Al-S, Al-air, K-ion, Mg-ion, Mg-S, Mg-air, Zn-ion, Zn-air, and Ca-ion.

Additionally, manuscripts discussing novel (i) electrochemical protocols, (ii) processes for electrode preparation, and (iii) electrochemical techniques for battery analysis will also be strongly considered for publication.



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Special Issue



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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