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Battery Energy Materials: Theory Development and Applications

Guest Editor:

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closed (31 March 2022)

Message from the Guest Editor

Dear Colleagues,

Theoretical investigations, in tandem with laboratory-based experimental work, have been steadily providing significant insights into the improvement in energy storage technologies. Thus, this Special Issue of the journal *Energies*, entitled Battery Energy Materials: Theory Development and Applications, aims to publish papers based on original theoretical investigations in the field of battery applications. We invite research works focusing on the (1) investigation of various phenomena of battery materials, such as phase stability and ionic transport; (2) design of new materials and the development of materials informatics; (3) understanding of surface and interface activities in batteries; and (4) development and application of advanced theoretical techniques, for publication in this Special Issue











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Message from the Editor-in-Chief

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