



Material Design and Mechanisms of Lithium-Ion Batteries

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Deadline for manuscript
submissions:

closed (30 November 2023)

Message from the Guest Editor

Advanced materials research represents a leading global field of technology. The search for more adequate sustainable alternatives to conventional energy resources (fossil fuels) has led to the development of lithium-ion batteries (LIBs). This development has aided in substituting oil-powered vehicles for electric ones, and is facilitating the transition towards renewable energy sources in their role as energy storage devices.

This Special Issue of the *International Journal of Molecular Sciences* focuses on the material design, methodology and mechanisms of lithium-ion batteries. Therefore, *IJMS* welcomes both original research articles and review papers that deal with the molecular mechanisms underlying the role of the lithium-ion battery in material design and mechanism research.





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Message from the Editor-in-Chief

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