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Two-Dimensional Hybrid Nanostructures for Energy Storage and Conversion Devices

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Deadline for manuscript submissions:

closed (31 August 2021)

Message from the Guest Editors

The following questions must be addressed: (i) whether the layered 2D materials change phase during operation is important in batteries and supercapacitors and (ii) how their long- and short-term stability can be affected by the intercalation process; (iii) how new 2D materials can offer sufficient properties that can be boosted by using other 2D substrates; (iv) what role do layered models and their interface structures play in the performance of an energy storage device?

Hence, this Special Issue invites contributions (research, communications, and review papers) that focus on improving the performance of the current energy storage devices, as well as recent developments in 2D hybrid heterostructures. Topics of interest include synthesis, characterization, and application of 2D hybrid nanostructures for energy storage and conversion applications.













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Message from the Editor-in-Chief

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