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New 2D Materials for Energy Storage and Conversion

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Message from the Guest Editors

In the search for sustainable energy solutions, the role of advanced materials cannot be overstated. Among these, the emergence of two-dimensional (2D) materials has sparked a paradigm shift in various fields. These atomically thin materials exhibit extraordinary revolutionizing the landscape of energy storage devices, energy conversion systems, and catalysis—the unique properties of 2D materials offer unprecedented opportunities for addressing global energy challenges. However, achieving the full potential of 2D materials requires interdisciplinary collaboration and continued fundamental research efforts in order to overcome the existing limitations and scale up production processes. As such, we are pleased to invite you to contribute your expertise to the body of 2D material knowledge, to explore how these materials may help advance energy storage and conversion

This Special Issue aims to explore recent advancements, challenges, and future directions in the realm of 2D materials for energy storage and conversion applications. Original research articles and reviews are welcome.









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Message from the Editor-in-Chief

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