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Two-Dimensional Materials for Advanced Electronic Devices

Guest Editor:

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Deadline for manuscript submissions:
closed (10 March 2022)

Message from the Guest Editor

Dear Colleagues,

Emerging two-dimensional (2D) materials, including graphene, transition metal dichalcogenides, and Mxene, have attracted an increasing amount of interest due to their extraordinary unique features. Graphene and 2D layered materials are extensively used for the development of fundamental technology and various industries, such as the Internet of Things, flexible electronics, ultra-low power devices, next-generation batteries, etc.

In recent years, enormous efforts have been made to synthesize high-quality atomically thin films with excellent electrical properties and at the same time to achieve great reactivity to chemical species by controlling the specific surface area. However, there is still a need for tremendous efforts to further improve the feasibility of application as next-generation devices using 2D materials as well as intrinsic fundamental characteristics and experimental proof. We invite you to submit your research results related to “Two-Dimensional Materials for Advanced Electronic Devices”. The aim of this Special Issue is to provide an extraordinary international platform that can enable researchers to issue the latest developments.

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Message from the Editor-in-Chief

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