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Dynamics and Mechanics in Two-Dimensional Nanostructures: Simulation and Computation

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Deadline for manuscript submissions:

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Message from the Guest Editors

Dear Colleagues,

In recent years, scientists and engineers from different fields have drawn particular attention to the exploration of the mechanical and dynamic properties of 2D materials and devices. In practical application, the dynamics and mechanics of 2D materials have a significant impact on the performance of related devices, including thermoelectrics, rechargeable batteries, optoelectronic devices, and field-effect transistors. This Special Issue aims to summarize the present state of the art in this field, to inspire the research interests and trends, and to shed light on novel applications in the future.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: mechanical properties of two-dimensional materials; dynamics of two-dimensional materials; lattice dynamics; thermal conduction; and theory and simulation.....

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Special Issue



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Message from the Editor-in-Chief

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