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## Recent Progress in Graphene and 2D Materials

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### Message from the Guest Editors

Very recently, the controlled stacking of 2D layered materials at the atomic level revealed new physical and chemical phenomena. Based on this fundamental research, new electronic, optical, energy, and sensor devices are being developed that can overcome the physical limitations of current mainstream technology.

This Special Issue is devoted to providing the latest cutting-edge fundamental and applied research across all aspects of graphene and 2D layered materials. Full papers, communications, and reviews on experimental and theoretical studies of 2D layered structures and materials are all welcome.

### Keywords

- Graphene and graphene-derived materials
- 2D layered materials (TMDCs, hBN, MXene, Xene, etc.)
- Pseudo-2D materials
- Chain-based 1D/2D materials
- Van der Waals heterostructures
- Applications of devices based on 2D layered materials





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## Message from the Editor-in-Chief

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