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# State of the Art in 2D Materials

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Deadline for manuscript submissions:
**closed (31 May 2023)**

## Message from the Guest Editors

Dear Colleagues,

Two-dimensional (2D) materials have attracted considerable interest due to their unique electronic and optoelectronic properties. The 2D playground became even more interesting when the stack-and-transfer techniques were realized, enabling construction of 2D heterostructures on demand. To this end, state-of-the-art approaches are urgently needed to explore the fundamentals and applications of 2D materials and their heterostructures.

This Special Issue is focused on material preparation and characterization of 2D materials and their heterostructures, aiming to discover their intrinsic properties and technology advances. We are seeking original research papers and topical reviews on but not limited to the following aspects:

- Material preparation of 2D materials and their heterostructures;
- Advanced nano-fabrication methods of 2D devices;
- Characterization of 2D materials and their heterostructures;
- Property engineering of 2D materials and their heterostructures.

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## Editor-in-Chief

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## Message from the Editor-in-Chief

The capability to manipulate, assemble, and fabricate nano-objects have given rise to nanoscience, one of the most rich and interdisciplinary fields of research. In fact, mechanics, optics, magnetism, or electronics at the nanoscale strongly differ from their macroscopic counterparts, and thus several disciplines are necessary to study nanomaterials. This field's development parallels the technical advances that have made it possible to control matter at the nanoscale. Our journal, *Nanomanufacturing*, seeks to provide a forum for discussion and a platform to publish the latest results regarding the fabrication, manipulation, scalability, and eventual industrial production of miniaturized devices or objects. All of our articles are published with rigorous refereeing and open access.

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