

Special Issue

Current Updates on Graphene's Electronic Properties

Message from the Guest Editor

In this Special Issue, we welcome original research articles, reviews, and mini-reviews on (but not limited to) the following areas:

- New Experimental and Theoretical Insights into Graphene's Electronic Behavior: Studies addressing the unique electronic properties of graphene under varying environmental or operational conditions;
- Graphene-Based Heterostructures and Composites: Exploration of electronic properties in hybrid materials, including 2D heterostructures that involve graphene layers;
- Applications in Nanoelectronics and Flexible Electronics: Innovative applications of graphene in transistors, sensors, and flexible electronic devices;
- Graphene for Energy Conversion and Storage Devices: Insights into the role of graphene's electronic properties in enhancing the performance of batteries, supercapacitors, and solar cells.

We hope this Special Issue will provide a comprehensive update on cutting-edge research, thereby guiding future work and supporting the development of graphene-based technologies.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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