



## Synthesis, Characterization, and Properties of Nanomaterials

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### Message from the Guest Editor

Dear Colleagues,

Nanomaterials have remarkably different physical and chemical properties from their bulk counterparts with the same constituents and have potential applications in various fields. Many different techniques have been employed to synthesize nanomaterials, including chemical vapor deposition, thermal decomposition, induction plasma synthesis, pulsed laser ablation, the template technique, the gas phase method, the sol-gel method, the combustion method, solvothermal synthesis, and hydrothermal synthesis. Several characterization techniques are widely used to investigate the properties of nanomaterials, including transmission electron microscopy, dynamic light scattering, zeta potential, atomic absorption spectroscopy, inductively coupled plasma mass spectroscopy, dark field microscopy, aerodynamic particle sizer, scanning mobility particle sizer, and matrix-assisted laser desorption/ionization mass spectrometry. Besides these, advanced optical spectroscopic methods have been used to investigate different semiconductor structures.

This Special Issue aims to present a collection of the most recent research outcomes in the field of nanomaterials.





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## Message from the Editor-in-Chief

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