

## Special Issue

# State-of-the-Art Fabrication, Characterization and Manipulation Techniques for Nanomaterials and Structures

### Message from the Guest Editors

Nanomaterials and nanostructures have attracted significant attention in the past two decades, motivated by their growing importance in a wide range of applications, including catalysis, nanoelectronics, nano-optics, energy storage, and biological sensors. Accordingly, this Special Issue seeks to showcase research papers, communications, and review articles that focus on recent advances in experimental techniques and applications, as well as theoretical/computational modeling of state-of-the-art nanostructure/heterostructure fabrication techniques, advanced material characterization methods, and strategies for tailoring and manipulating material properties using physical and chemical means. These include but are not limited to self-assembly, top-down and bottom-up growth methods, 2D heterostructure fabrications, advanced scanning probe microscopy and electron microscopy characterizations, chemical functionalization, strong light–matter interactions, and nanostructure-enabled devices.

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### Guest Editors

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### Deadline for manuscript submissions

closed (15 June 2023)



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### Editor-in-Chief

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