

## Special Issue

# Micropatterning of Carbon-based Nanomaterials and Their Applications

### Message from the Guest Editors

Carbon-based materials not only have a long history of human use, but have also brought forth scientific and technological breakthroughs in the past few decades, as exemplified by fullerenes and graphene. Beyond their bulk applications, it is foreseeable that many future applications of the carbon-based materials, such as carbon nanotubes for sensing and diamond for quantum computing, will focus on miniaturization and multifunctionalization. This largely hinges on the ability of the micropatterning of the carbon-based nanomaterials, at the micrometer or even nanometer scales. Recent years have seen tremendous progress in integrating micropatterning and carbon-based nanomaterials for building a wide range of functional devices. Intended to expose our readers to the state-of-the-art of this fast-growing field, this Special Issue seeks research articles or reviews on the development of novel techniques, basic studies on scientific understanding, conceptual or practical demonstrations of new applications of micropatterning of carbon-based nanomaterials, and beyond. We look forward to and welcome your contributions to this Special Issue.

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### Guest Editors

Prof. Dr. Jingjiao Guan

Prof. Dr. Tao Liu

Prof. Dr. Beatriz Jurado Sánchez

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### Deadline for manuscript submissions

closed (30 April 2021)



## Micromachines

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### Editor-in-Chief

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