



Advances in Micro and Nanofiber: Fabrication, Properties and Applications

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Message from the Guest Editors

Dear Colleagues,

Nowadays, more and more attention has been paid on the fabrication, microstructures and functional application of micro and nanofibers. Advanced preparation methods can effectively control the microstructure of micro and nanofibers and improve the preparation efficiency. The well-designed microstructures of nanofibers can enhance materials properties with special functionalities. In addition, nanofiber materials also have advantages in functional devices: they can realize both information connection and transportation in the nanoscale and their own quantum characteristics.

This Special Issue focused on the current state of the art in the preparation, properties and application of micro- and nanofibers. It aims to attract both academic and industrial researchers in order to foster the current knowledge of micro- and nanofibers and to present new ideas for future applications and new technologies. We invite authors to contribute original research articles and review articles covering the current progress on micro and nanofibers.

Guest Editors





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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal-organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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