

Special Issue

Micro- and Nanofabrication of Functional Surfaces

Message from the Guest Editor

Micro-/nano-fabrication is a node processing technology. It refers to the design, processing, assembly, system integration, and application of submillimeter, micron, and nano-scale components and systems composed of these components. Currently, the main drivers for this technology are advanced micro-chips, micro-electromechanical systems (MEMS), and nano-electromechanical systems (NEMS). Within these systems, the surface plays an important role. Different surface micro-/nano-structures can exhibit interesting functions. At present, the development of functional micro-/nano-structures and devices is still limited by micro-/nano-fabrication technology. Therefore, this Special Issue focuses on extensive and in-depth studies of surfaces and their functionalities arising from different micro-/nano-fabrication techniques. We hope this Special will can provide some references for the improvement of the processing capacity and efficiency of micro-/nano-fabrication technology in the future, as well as the key directions of future research. See more information at <https://www.mdpi.com/si/163156>

Guest Editor

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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. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

Editor-in-Chief

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