Special Issue

Chemical Modification of Micro/Nano-Structured Surfaces

Message from the Guest Editors

Chemically modified micro/nano-structured surfaces, aiming to improve the performance of materials, have been widely studied in various fields, such as biomedicine, chemical/bio-sensing, catalysis, and energy conversion. Although many studies have focused on the control of surface chemistry at the micro and nanoscale, there is still a great need for the development of novel functionalized surfaces to adapt to diverse and specific applications. Meanwhile, the development of new technology for surface modification is also desirable to fabricate advanced materials. For this Special Issue of *Molecules*, we invite authors to submit papers related to the surface functionalization of micro/nano-structures using small molecules, macromolecules, supramolecular assemblies, or polymer layers. Papers related to novel functionalization technology, functionalization mechanisms, and innovative applications of micro/nano-patterned surfaces will also be included.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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