NANOFABRICATION

Why subscribe and read

Nanofabrication publishes multi- and interdisciplinary works from researchers in the broad field of micro- to nanostructuring and device fabrication. Scientist interested in the advances on micro- and nanoscale patterning methods and the application of structures generated by these in applied physics, biomedical and life sciences are the target audience of the journal. The journal offers mutual exchange for members of the different communities to foster interdisciplinary information flow on possibilities opening up in nanofabrication and the experimental needs in applications.

Why submit

No publication charge for articles published in the first two volumes. Nanofabrication focuses on the methods enabling researchers to control surface morphology and generate submicron- to nanoscale structures or devices and the applications of these. The audiences of the journal are members of the physics, biomedical and life science communities interested at mutual exchange on the possibilities opening up by the advances in the field of nanofabrication. The high standards for publication in Nanofabrication are maintained by an interdisciplinary Advisory Board with renowned scientists actively working in the fields of physics, chemistry and biology.

We are pleased to inform you that Nanofabrication has been selected for coverage in Thomson Reuter’s products and services. Beginning with 2016, this publication will be indexed and abstracted in Emerging Sources Citation Index.

Control over the morphology of surfaces on the micro- and nanoscale becomes increasingly important in many fields of science ranging over physics, material sciences, biomedical sciences and the life sciences. Being able to create submicron- and nanostructures enables researchers to tune material properties from wetting behavior, to optical and electronical characteristics in almost infinite ways. Moreover, methods for setting chemical and mechanical cues on
subcellular dimensions open up great new experimental options to tackle questions related to cell biology and in the general life sciences. Nanofabrication gives a platform to this diverse research community where interdisciplinary works can be presented to inform the audience of novel methods in the structuring of materials and fabrication of devices and their applications.

Topics of interest for Nanofabrication are all aspects of lithographic methods aiming at the submicron- to nanoscale, the exploitation and control of self-organization phenomena for patterning, and the application of the created structures and devices in physical, biomedical and life science experiments.

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