

Sensors and Materials

Special Issue on Micro-nano Biomedical Sensors, Devices, and Materials

Call for Papers

Many studies have been carried out on the applications of MEMS (micro-electro-mechanical systems) technology to the biomedical field, taking advantage of its ease of downsizing, parallelization, and integration. However, since biocompatibility, disinfection and sterilization, and high output are required in the field of biomedical applications, few studies have realized practical use. On the other hand, in recent years, peripheral technologies necessary for the commercialization of microsensors and devices have evolved significantly, making it easier to put them into practical use. In this special issue, we will focus on the latest research results of micro-nano biomedical devices, as well as sensors and materials to realize these devices.

Scope:

- Biomedical sensors
- Biocompatible materials
- Biomedical devices
- Micro-nano systems, and so forth.

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Guest Editors: Prof. Tetsuji Dohi (Chuo University)
and Assoc. Prof. Seiichi Takamatsu (The University of Tokyo)

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