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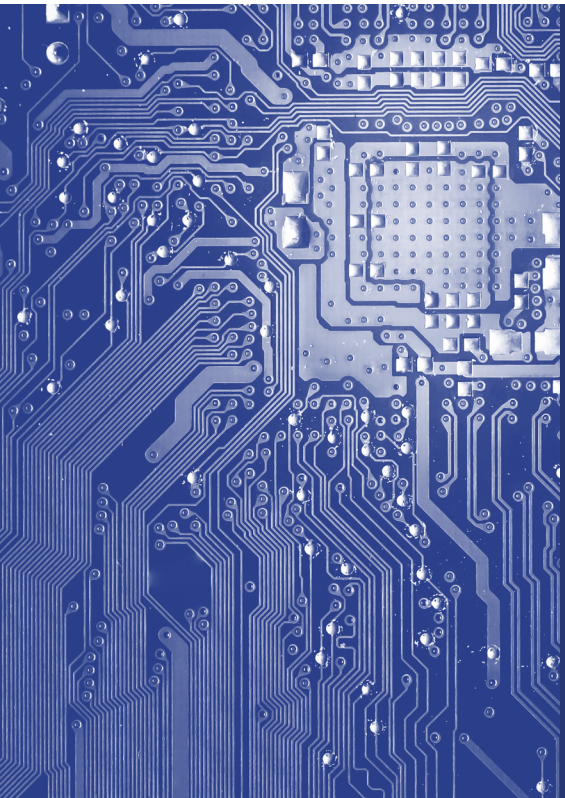
Micromachines



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Micromachines (ISSN 2072-666X) is an international, peer-reviewed, open access journal, which provides an advanced forum for studies on micro/nano-scaled structures, materials, devices and systems. The journal publishes reviews, original research articles, and communications in this field. Our aim is to encourage scientists to publish their theoretical and experimental results in as much detail as possible. Therefore, there is no restriction on the maximum length of the papers or the number of electronic supplementary files. Full details on experiments, materials and methods must be provided for a research article so that the results can be reproduced.

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Fundamentals and Physics
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- Silicon, carbon, glasses, polymers, metals, ceramics, composites, liquid crystals, colloids, semiconductors, superconducting, magnetic and other advanced (nano)materials based micro/nano structures, devices, system, and its applications.
- Micro/nano fabrication and manufacturing: Deposition, lithography, patterning, etching, surface micromachining, bulk micromachining, laser fabrication, 3D printing, self-assembly, etc.

Micromachines in Chemistry
- Electrochemical devices; micro/nanoelectrodes; miniaturized gas sensors; miniaturized chemical sensors; lab-on-a-chip and microfluidics applications in chemistry (including electrokinetic phenomenon), energy and environmental sciences.

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- BioMEMS; miniaturized biosensors; microarrays; DNA chips; PCR chips; electronic noses; organ-on-a-chip; μ-TAS; molecular imprinting; applications in medicine, biomedical research, drug discovery, environment, food, health, security, and safety.

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