**DESCRIPTION**

*Microelectronic Engineering* has an open access mirror journal *Micro and Nano Engineering*, sharing the same aims and scope, editorial team, submission system and rigorous peer review.

*Microelectronic Engineering* is the premier *nanoprocessing*, and *nanotechnology* journal focusing on fabrication of electronic, photonic, bioelectronic, electromechanics and fluidic devices and systems, and their applications in the broad areas of electronics, photonics, energy, life sciences, and environment. It covers also the expanding interdisciplinary field of "more than Moore" and "beyond Moore" integrated nanoelectronics / photonics and micro-/nano-/bio-systems. Through its unique mixture of peer-reviewed articles, reviews, accelerated publications, short and Technical notes, and the latest research news on key developments, *Microelectronic Engineering* provides comprehensive coverage of this exciting, interdisciplinary and dynamic new field for researchers in academia and professionals in industry.

The journal addresses the following topics and considers mostly experimental work, or theoretical / simulation work directly linked and supporting experiments in the fields: Microelectronics processing & materials (Lithography, Self-assembly, Plasma Processing, Metallization, 3D Integration, Related Materials.) Micro-/Nano-engineering / fabrication / technology / manufacturing Nanoelectronic and photonic devices and their fabrication Microsystems, microdevices (e.g., sensors and nanoenergy devices) and their fabrication Microfluidics, life science devices / sensors, as well as integrated Lab-on-a-chip and their fabrication

In detail the topics covered are as follows:

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Micro and Nano Fluidic Devices  Pumping / valving devices  Mixing devices  Separation devices  Microreactors  Sample preparation devices  Fluidic interfaces and integration

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AUDIENCE

Scientists and engineers in industry and academia involved in micro and nanoelectronics.

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INTRODUCTION
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The journal is dedicated to advanced engineering methods for micro- and nanofabrication of electronic devices, circuits and systems for electronics, electromechanics, and bioelectronics.

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4.2
3.5
0.26

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4.2 x 10^-4
3.5 x 10^-4
2.6 x 10^-5

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