AUTHOR INFORMATION PACK

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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, electromechanic 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

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3. Materials Metallization and Barrier Materials Silicon on Insulators Dielectrics (low K and high K) Interconnects New Resist Materials Nanomaterials for Device Fabrication Block Copolymers Polymers and Flexible Substrates Layered (2D) Materials and Related Transferring Techniques


Miniaturized Devices for Biology, Chemistry, Medicine Biosensors Chemical sensors Biomimetic properties incorporated into devices Bioelectronic devices Micro / nano / bio interface and interconnection devices Lab-on-a-chip, bioMEMS, microTAS DNA / protein chips Cell on chip Organ on chip Biomimetic properties incorporated into systems Bioanalytic, diagnostic systems Microseparation, pretreatment systems On-chip detection systems Environmental and food monitoring systems Microreactors

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AUDIENCE

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

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INTRODUCTION

The aim of Microelectronic Engineering is to bring together in one publication the results of international work in the rapidly expanding field of integrated microelectronics.

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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- Use a logical naming convention for your artwork files.
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- For Word submissions only, you may still provide figures and their captions, and tables within a single file at the revision stage.
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\[
\begin{align*}
10^4[\text{NaCl}] &/ \text{mol l}^{-1} \\
4.2 \\
3.5 \\
0.26
\end{align*}
\]

rather than:

\[
\begin{align*}
[\text{NaCl}] &/ \text{mol l}^{-1} \\
4.2 \times 10^{-4} \\
3.5 \times 10^{-4} \\
2.6 \times 10^{-5}
\end{align*}
\]

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