**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.

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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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