

Special Issue

Intelligent Microdevices

Message from the Guest Editors

Due to emerging technology in Artificial Intelligence and Electric Vehicles, integrated micro/nano-electromechanical sensors and systems with intelligent algorithm represent an area of intense research – intelligent microdevices. Various algorithms such as anomaly detection, predictive maintenance, remaining useful lifetime prediction, etc., are part of the desired design features of intelligent microdevices. One of the most interesting applications concerns the development of intelligent microdevices aimed at self-calibrating (e.g. for processes, temperature, power supply) within sophisticated sensorial systems. Accordingly, this Special Issue seeks to showcase research papers and review articles that focus on novel methodological developments in the field of fabrication of micro/nano-electromechanical systems and the design of the related smart electronics.

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About the Journal

Message from the Editor-in-Chief

Micromachines (ISSN 2072-666X) is a forum for cutting-edge interdisciplinary research on micro and nanoscale science and technology. We emphasise the practical, real-world value of micro and nanotechnologies that will place *Micromachines* in a leading position among engineering and technology journals.

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