Special Issue

Printable and Flexible Electronics for Sensors

Message from the Guest Editors

Printable and flexible electronic materials have gained a tremendous amount of interest both in academia and in industry, due to their potential impact in many areas including advanced manufacturing, healthcare, diagnostics, wearables, renewable energy, and defense, to name a few. In this Special Issue, we focus on the latest advancements, current challenges, and new opportunities in the world of printable and flexible electronics. We will cover both fundamentals and applications. Fundamentals include novel materials, manufacturing techniques, and characterization, among others. Applications include chemical and biological sensing, point-of-care diagnostics, detection of explosives and nerve agents, foodborne pathogens, environmental monitoring, toxic gas detection, and micro- and nano-actuators, as well as 3D-printed electronics. We invite emerging investigators and experts in the field to contribute commentaries, perspectives, future outlooks, and insightful reviews on related topics. We will also discuss technological breakthroughs and the latest developments in the formats of both short communications and full papers.

Guest Editors

Prof. Jin-Woo Choi

School of Electrical Engineering and Computer Science, Louisiana State University, Baton Rouge, LA 70803, USA

Dr. Edward Song

Department of Electrical and Computer Engineering, University of New Hampshire, Durham, NH 03824, USA

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Micromachines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
micromachines@mdpi.com

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You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

Editor-in-Chief

Prof. Dr. Ai-Qun Liu
1. Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China
2. School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore 639798, Singapore

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