Special Issue

Design, Fabrication and Applications of Flexible/Wearable Electronics

Message from the Guest Editor

Various factors have to be taken into account for the enhancement of device performance in terms of device structure, materials, and fabrication processes. Enhanced wearable/flexible electronic devices can be utilized for various applications, such as health monitoring sensors, healthcare devices, displays, large-scale integrations (LSI), and so on. This Special Issue focuses on the design, materials, fabrication process, and applications for flexible and wearable electronic devices. The topics of interest include but are not limited to:

- New device architecture;
- Materials for flexible/wearable electronics;
- MEMS/NEMS for flexible/wearable electronics;
- Novel technology for flexible/wearable electronics (e.g., nanoparticles, nanowires, and laser interaction);
- Flexible/wearable power electronics;
- Flexible/wearable optoelectronics;
- Device integration in flexible/wearable electronics;
- Bioapplications using flexible/wearable electronics (e.g., health monitoring sensors and healthcare devices).

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).