Special Issue

Recent Advances in Printing Electronics and Sensor Technologies

Message from the Guest Editor

Printed electronics have emerged as a transformative approach to developing low-cost, lightweight, and flexible electronic devices. Scientists and researchers may easily produce sensors, circuits, and functional components by applying different printing techniques, such as screen, inkjet, aerosol jet, and gravure printing or other processes, on various substrates. The future of healthcare, smart agriculture, environmental monitoring, wearable tech, and the Internet of Things (IoT) appears bright because of this paradigm change, which makes it possible to mass-produce electronics and integrate them into commonplace items. In particular, printed sensors offer promising solutions for providing real-time, on-site, and non-invasive measurements across a wide range of fields. This Special Issue highlights recent progress and innovative research in printed electronics and sensor technologies. We welcome the submission of original research articles, short communications, and comprehensive reviews that explore novel materials, fabrication techniques, device architectures, and applications.

Guest Editor

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Editor-in-Chief

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