Special Issue

Flexible Devices and Optoelectronics Technologies

Message from the Guest Editors

Realizing materials innovations for function integration of flexible devices and optoelectronic technologies remains a challenge in the next generation of soft implements, which are highly desirable for wearable applications, health monitoring coupled with intelligent life, and smart dimmers as well as light controls. Flexible devices and optoelectronic technologies widely comprise the application of functional materials in terms of mechanics, photology, electricity, and thermology, such as the devices of energy harvesters, sensors, actuators, field-effect transistors, memory devices, batteries, smart windows, light-emitting devices, touch panels, and displays. A variety and soft forms of these devices are naturally emerging, with their extraordinary capabilities endowed by ingenuity in materials, designs, system integration, and smart control. We look forward to your contributions to this Special Issue. Keywords:

- flexible and stretchable devices
- optoelectronic devices
- wearable technologies
- soft robotics
- sensors/actuators/nanogenerators
- electroluminescence
- electrochromics
- thermal management

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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 guestedited by leading experts in selected topics of interest.

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