



Flexible Devices and Optoelectronics Technologies

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Deadline for manuscript
submissions:

closed (31 October 2022)

Message from the Guest Editors

Dear Colleagues,

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





an Open Access Journal by MDPI

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Message from the Editor-in-Chief

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