Special Issue

Advances in Flexible Electronics and Electronic Devices

Message from the Guest Editors

This Special Issue aims to showcase cutting-edge research on novel flexible materials (e.g., organic semiconductors, 2D materials, stretchable polymers), advanced device designs (e.g., sensors, transistors, energy harvesting/storage systems), and scalable fabrication techniques (e.g., printed electronics, transfer printing, micro/nanofabrication). It also highlights emerging applications in biomedicine (e.g., epidermal electronics, implantable devices), environmental interactions (e.g., e-skin, soft robotics), and sustainable technologies (e.g., biodegradable electronics). We welcome original research, reviews, and interdisciplinary studies, particularly those addressing critical challenges such as mechanical stability, environmental durability, and signal processing integration. This Special Issue seeks to bridge the gap from lab to industry, fostering collaboration across materials, devices, and systems for next-generation flexible electronics.

Guest Editors

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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