Special Issue

Smart Materials and Structures for Flexible Electronics and Advanced Devices

Message from the Guest Editors

Due to the superior characteristics and high performance of novel functional flexible devices, evidenced by their ultra-light weight, unbreakability, tailorable size, and low cost, the last decade has witnessed an explosion of developments and applications of flexible electronics and advanced devices in various fields. Such advanced devices include smart sensors, soft robotics, flexible ultrasonic devices, bio-integrated energy harvesting devices, biomedical devices, etc. These emerging advanced functional devices have been developed extensively in recent years using smart materials and structures that can be reversibly activated by external stimuli. This Special Issue aims to establish a multidisciplinary forum for discussions on the most recent research developments in smart materials and structures for flexible electronics and advanced devices, as well as provide vision for future studies. We are pleased to invite you to submit your original research articles and reviews on smart flexible electronics and advanced devices. Theoretical, computational and experimental studies are all welcome.

Guest Editors

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Prof. Dr. Chuanzeng Zhang

Dr. Bin Wu

Deadline for manuscript submissions

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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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