Special Issue

Organic Materials for Electronic and Optoelectronic Applications

Message from the Guest Editor

Electrically and optically active organic materials have attracted a lot of interest in recent years because of their potential use for the fabrication of low-cost and lightweight electronic and optoelectronic devices. The maturity gained by these materials, together with a more reliable device technology has allowed incorporating organic electronic and optoelectronic components in commercial products, including organic light emitting diodes (OLED) displays, flexible electronic paper, and sensing devices for drug screening and biomedical testing. This Special Issue aims to collect original manuscripts focused on recent progress made in organic or hybrid materials-based electronic and optoelectronic devices and relative applications. Review papers, highlighting the state-of-the-art of organic materials, devices, and applications are also very welcome. Topics include but are not limited to: Wearable, flexible, disposable, and biodegradable electronics, thin film transistors, nanoelectronics, data storage devices, solar cells, sensors, light-emitting diodes and displays, optical communication, bioelectronics, and electrochromic devices.

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Deadline for manuscript submissions

closed (20 July 2022)

Materials

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Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

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Message from the Editorial Board

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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