Special Issue

Processing and Performance of Organic Field-Effect Transistors

Message from the Guest Editor

Organic field-effect transistors (OFETs) are of particular interest because they can act as key components of electronic skins, senser detections, flexible displays, implantable and wearable synaptic transmission devices. There are many pathways to promote the performance of OFETs so that they can be widely applied in a variety of fields. This Special Issue aims to focus on the fabrication and application of OFETs, including the synthesis of organic semiconductors and dielectric materials, processing methods of individual components, improvement in performances, as well as new applications and devices combinations.

Guest Editor

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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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