



an Open Access Journal by MDPI

Processing and Performance of Organic Field-Effect Transistors

Guest Editor:

Prof. Dr. Jianwu Shi

Institute of Nanoscience and Engineering, Henan University, Kaifeng 475004, China

Deadline for manuscript submissions: closed (20 June 2024)

Message from the Guest Editor

Dear Colleagues,

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 semiconductors and dielectric organic materials. processing individual components, methods of improvement in performances, as well as new applications and devices combinations

Prof. Dr. Jianwu Shi *Guest Editor*









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

 Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The iournal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and svstems. 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/materials materials@mdpi.com X@Materials_Mdpi