



materials



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:

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, sensor 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.

Prof. Dr. Jianwu Shi
Guest Editor



mdpi.com/si/191094

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. 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 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.

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 - Q2 (*Metallurgy & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)