Special Issue

Organic Light Emitting Transistors: Fundamentals, Materials and Applications

Message from the Guest Editor

Organic light-emitting transistors still represent a rather unexplored class of devices, thus offering the possibility of investigating several key aspects and fundamental physical phenomena, as well as moving towards the improvement of the performances. This certainly requires a cross-disciplinary effort in terms of materials study and device development. We invite contributions from the latest research and innovations in the field of organic light-emitting transistors. The Special Issue will cover (but not be limited to) the following topics in the field of organic light emitting transistor:

- Fundamentals and novel materials;
- Field-effect charge transport, light emission, and sensing mechanisms;
- *State-of-the-art* light emitting and sensing devices;
- Simulations;
- Novel approaches to improve light management;
- Stress, lifetime, and encapsulation;
- Novel applications.

It is our pleasure to invite you to submit review articles, original papers, and communications for this Special Issue “Organic Light-Emitting Transistors: Fundamentals, Materials, and Applications”.

Guest Editor

Prof. Caterina Soldano
Department of Electronics and Nanoengineering, Aalto University, Espoo, Finland

Deadline for manuscript submissions

closed (30 November 2021)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/43228

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

mdpi.com/journal/materials

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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.

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

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