



Advances of Photoelectric Functional Materials and Devices

Guest Editors:

Prof. Dr. Shiming Zhang

Key Laboratory of Flexible Electronics (KLOFE) & Institute of Advanced Materials (IAM), Nanjing Tech University (NanjingTech), Nanjing 211816, China

Prof. Dr. Feng Xu

Key Laboratory of MEMS of Ministry of Education, Southeast University, Nanjing, China

Dr. Clement Cabanetos

CNRS Centre National de la Recherche Scientifique, Paris, France

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Message from the Guest Editors

Dear Colleagues,

This Special Issue of *Materials* is dedicated to photoelectric functional materials and devices in their various fields of application. With the development of the photo- and microelectronics industries, photoelectric functional materials and devices have increasingly been applied in sensors, batteries, solar cells, and transistors in recent years. For this Special Issue, we invite the submission of original research articles and reviews on any aspect of photoelectric functional materials and devices. This Special Issue aims to cover recent progress and new advances in photoelectric functional materials and devices, involving:

- Solar cells;
- Field-effect transistors;
- Light-emitting diodes;
- Photodetectors;
- Fluorescent sensors;
- Up-conversion luminescence;
- Flexible electronics.





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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.

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Contact Us

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

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