



Advances in Materials for Organic Optoelectronics and Photonics

Guest Editor:

Prof. Dr. Ewa Schab-Balcerzak

1. Institute of Chemistry,
University of Silesia, 40-007
Katowice, Poland

2. Centre of Polymer and Carbon
Materials, Polish Academy of
Sciences, 34 M. Curie-
Skłodowska Str., 41-819 Zabrze,
Poland

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Message from the Guest Editor

Low and high molecular weight compounds with spatially extended p-p or p-n-p bonding systems have great potential for applications in modern fields of science and technology, such as organic optoelectronics and organic photonics, which have seen intense development in recent years. Although remarkable progress has been made and some technologies have grown from a research laboratory concept to commercial applications there is still room for improvement of device parameters including efficiency, lifetime, and cost-effectiveness. A key issue in the development of organic optoelectronics and photonics is organic material and device architecture. The aim of this Special Issue, entitled "*Advances in Materials for Organic Optoelectronics and Photonics*" is to address current challenges associated with design, synthesis, and characterization of new functional materials aiming at their utilization in optoelectronic and photonic devices.

Keywords

- organic semiconductors
- hole-transporting compounds
- low and high molecular weight compounds
- azopolymers
- photoinduced anisotropy
- organic light emitting diodes
- photovoltaic cells
- organic field-effect transistors





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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

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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