Special Issue

Advances in Organic and Hybrid Opto-Electronics

Message from the Guest Editor

This Special Issue will focus on an interdisciplinary approach where chemistry, physics, material sciences, optics and engineering disciplines are combined to address the fundamental aspects of organic and hybrid opto-electronic materials and their integration in electronic devices. The topics of interest for publication include but are not limited to:

- New conjugated building blocks and new synthetic approaches to organic and hybrid semiconductors;
- Synthesis of new π-functional organic materials: from small molecules to polymers;
- Supramolecular control in organic and hybrid semiconductors;
- Novel photo-physical and electrical phenomena of organic and hybrid devices;
- New trends in electroluminescent devices (WOLED, SMOLED, TADF, etc.);
- Progress in organic and hybrid solar cells (OSCs, DSSC and PSCs, new concept devices);
- Organic electronics for biological applications (sensing, biointegration, electronic skin, etc.);
- Industrial processing of organic and hybrid electronic devices (printed & flexible electronics);
- Theoretical calculations in organic and hybrid electronics;
- Nanoelectronics.

Guest Editor

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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