



energies



an Open Access Journal by MDPI

Advances in Organic and Hybrid Opto-Electronics

Guest Editor:

Dr. José-Luis Maldonado

Research Group of Optical
Properties of Materials (GPOM),
Centro de Investigaciones en
Óptica (Optical Research Center),
A.P. 1-948, 37150 León,
Guanajuato, Mexico

jlmr@cio.mx

Deadline for manuscript
submissions:

8 April 2022

Message from the Guest Editor

Dear Colleagues,

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.



mdpi.com/si/92571

Dr. José-Luis Maldonado
Guest Editor

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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.

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), Ei Compendex, RePEc, AGRIS, Inspec, CAPlus / SciFinder, and many other databases.

Journal Rank: [CiteScore](#) - Q1 (*Control and Optimization*)

Contact Us

Energies
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[@energies_mdpi](https://twitter.com/energies_mdpi)