Special Issue

Advances in Organic and Perovskite Solar Cells

Message from the Guest Editor

Organic Solar Cells (OSCs) represent an outstanding class of photovoltaic technology, which has the potential to provide good Power Conversion Efficiencies (PCE), employing cheap, easily tunable polymeric or small molecule organic materials. In addition, these materials are compatible with industrial processes, thus, indicating potential low-cost upscaling. Perovskite-based solar cells, have revolutionized the photovoltaic field in the last ten years. An impressive leap in PCE from 3% in 2009 to 23% in 2018 has attracted the attention of many researchers and industries, which are now fully devoted to the optimization of the stability of these interesting devices. In this Special Issue, we would like to cover all important aspects concerning OSCs or PSCs, including novel materials, photopysical investigations, stability measurements, or innovations in device architectures.

Guest Editor

Prof. Dr. Juan Luis Delgado

POLYMAT, University of the Basque Country UPV/EHU University of the Basque Country, Joxe Mari Korta Center - Avda. Tolosa, 72, 20018 Donostia-San Sebastian, Spain

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

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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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