Special Issue

Innovations in Semiconducting Block Copolymers

Message from the Guest Editors

In recent years, we have witnessed an increased interest in block copolymers as a key material for the production of intricate thin-film architecture. In particular, semiconducting block copolymers with specific electronic, morphological and mechanical properties have attracted the attention of many researchers for the development of innovative applications in various fields (e.g., bioelectronics, organic photovoltaics (OPVs), biomedical sensors and devices and photocatalysis). The current Special Issue aims to address all aspects regarding the synthesis, characterization and application of these versatile materials in the field, with a special focus on the realization of nanostructured innovative architecture for the production of advanced devices suitable for applications in different and distinctive fields. We cordially invite you to submit your contribution to this Special Issue of which the topics include, but are not limited to, the following areas:

- The production of nanostructured materials;
- The advanced characterization of semiconducting active materials;
- Block copolymer self-assembly;
- The synthesis and characterization of polymer nanoparticles

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Deadline for manuscript submissions

closed (20 March 2024)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/131545

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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.

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