Special Issue

Synthesis, Characterization and Applications of Block Copolymers

Message from the Guest Editor

Block copolymers are an essential class of polymeric materials due to their characteristic property of microphase segregation. Presently, synthesis of new block copolymers is in greater demand, given the fact that modern synthetic methods, via controlled polymerization methods, lead to materials with significant properties. Modern synthetic ways let for synthesis of block copolymers with simple or complex molecular architecture (e.g., star polymers, dendrimers). Nowadays, a tremendous increase in applications of block copolymers, e.g., in nanotechnology, membrane science, additive industry, composites, etc. With this in mind, I would like to invite polymer scientist from all over the world to contribute their world-class, novel, innovative and revolutionary works on any of the topics of this Special Issue of *Materials*, dealing with the synthesis, characterization and applications of block copolymers. Authors are welcome to submit their latest results in form of original full articles, communications or reviews.

Guest Editor

Dr. Prokopios Georgopanos

Helmholtz-Zentrum Geesthacht, Zentrum für Material- und Küstenforschung GmbH, Institut für Polymerforschung, Max-Planck-Str. 1, 21502 Geesthacht, Germany

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

mdpi.com/journal/materials

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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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