

Special Issue

Functional Polymer Nanocomposites for Optoelectronics and Biomedical Applications

Message from the Guest Editor

A polymer nanocomposite is a composite material comprising a polymer matrix and an inorganic dispersive phase that has at least one dimension that is nanometric in scale. They are an important category of materials with remarkable physicochemical properties but are inaccessible with individual components acting alone. The main challenging characteristic of polymer nanocomposites is the complex interfacial regions between the nanoparticles and polymer matrices. These nanocomposites have recently attracted intensive research interest owing to their promising potential for a broad assortment of applications. This Special Issue will include the developing technologies for polymer nanocomposites and recent studies applying them in the field of optoelectronics and biomedicine.

Guest Editor

Dr. István Csarnovics

Department of Experimental Physics, Institute of Physics, Faculty of Science and Technology, University of Debrecen, H-4026 Debrecen, Hungary

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

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Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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