Special Issue

New Progress in Semiconducting Polymer Nanoparticles

Message from the Guest Editor

The development of semiconducting polymer nanoparticles (SPN) plays an important role in a wide range of electronic applications due to their potential use as electro-active materials. Conjugated polymers contain semiconducting properties, which provide great potential to replace inorganic semiconductors because they are lightweight and flexible, have tunable optoelectronic properties, and can be manufactured using low-cost processes, particularly in mass production. Although organic semiconducting polymers show a greater advantage, more research is needed to improve their optical and electrical performances for biomedical and electronic applications. Thus, this Special Issue aims to assemble research articles and review papers that can represent the development and improvement in the design, synthesis, and characterization of high-performance SPN for photoacoustic imaging, photothermal therapy, chemical sensors, pressure-sensitive sensors, and related electronics. This Special Issue seeks contributions from academic and research institutions as well as industrial entities.

Guest Editor

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Message from the Editor-in-Chief

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
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