Special Issue

π-Stacked Polymers

Message from the Guest Editor

This Special Issue focuses on the synthesis, structure and properties/functions of polymers and molecular systems having π-electron systems with controlled spatial arrangements. Of particular interest are those with intra-chain and inter-chain π-stacked structures. π-Electronic polymer and molecular systems exhibit photo electronic properties such as conduction, emission, optical non-linearity, and even photo catalytic activity. These properties and functions are based on mobility of charges and/or energy transfer through a chain and/or between chains. It is hence important to design a polymer or a molecular system where π-electronic systems having tailored alignments such as π-stacking. Papers are sought that discuss the latest research in the area or summarize selected areas of the field. The scope of the Special Issue encompasses the studies on the synthesis, structure, properties, and theories of intra-chain π-stacked polymers, inter-chain π-stacked systems comprising of conjugated and non-conjugated π-electronic polymers, and also those of supramolecules comprising of stacked π-electronic species. Further, novel forms of accumulation of π-electronic systems other than π-stacking will be covered.

Guest Editor

Prof. Dr. Tamaki Nakano

Institute for Catalysis and Graduate School of Chemical Sciences and Engineering, Hokkaido University, N21 W10, Kita-ku, Sapporo 001-0021, Japan

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

mdpi.com/journal/polymers

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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 4.9.

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
Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

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