

Special Issue

Phosphorus-Containing Polymers

Message from the Guest Editors

Since its discovery, the phosphorus atom has received a great deal of attention in science due its chemical and physical characteristics, including its availability in different oxidation states and coordination numbers. A wide variety P-C and P-heteroatoms compounds can be synthesized due to the ability of phosphorus species to act as either a nucleophile or an electrophile, and such compounds are used as ligands in catalysis and coordination chemistry and drugs in medicinal chemistry, agrochemicals, and material science, etc. This Special Issue is focused on recent developments in the synthesis of organophosphorus macromolecules. In such polymers, phosphorus moieties are either an integral part of the main chain or incorporated as pendant groups. This Issue targets applications of novel organo-phosphorus polymers that find applications in diverse fields such as flame retardants in polymers, medical and dental applications, biomedical applications, energy, agriculture, drug delivery, etc.

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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

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