Special Issue

Polymer Hybrid Materials: Design and Applications

Message from the Guest Editors

The polymer hybrid materials not only combine the features of the starting components, but also encompass enhanced unique properties result from synergetic effects, which eventually overcomes the structural and functional limits of the conventional materials. The polymer hybrid materials of monolith and coating/film with porous, layered or core-shell hierarchical structures and interpenetrating networks can be synthesized through sol-gel method, polymerization reaction and self-assembly process, etc. The structural and functional versatilities of the polymer hybrid materials accounts for their diverse applications in the fields ranging from optoelectronics, dielectric, photovoltaics, waveguide, sensor, gas adsorption/separation, catalysis, flame/fire retardancy, drug delivery and biomedical engineering. The scope of this Special Issue is to cover all the aspects related to the polymer hybrid materials. Authors are welcome to submit the latest research works on this topic in the form of original research or review articles.

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Deadline for manuscript submissions

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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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