

Special Issue

Functional Polymer Fillers

Message from the Guest Editor

Functional fillers have become one of the key drivers in the development of advanced polymer materials. Beyond their conventional role as reinforcing or cost-reducing additives, modern fillers are increasingly engineered to provide tailored mechanical, thermal, electrical, barrier, flame-retardant, antimicrobial, and sensing functionalities.

This Special Issue aims to gather high-quality contributions focused on the latest advances in functional polymer fillers, including their design, modification, characterization, processing, and applications.

Contributions addressing both fundamental research and industrial applications are welcome. Topics may include thermoplastics, thermosets, elastomers, coatings, adhesives, additive manufacturing materials, and multifunctional polymer composites. Review articles providing critical perspectives on emerging trends in the field are also encouraged.

We look forward to receiving your valuable contributions and to advancing the scientific understanding of functional fillers in modern polymer materials.

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 5.8.

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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