Special Issue

Advances in Polymeric Metal-Organic Frameworks and Composites for Opto-Magnetic Applications

Message from the Guest Editors

In recent decades, Metal–Organic Frameworks (MOFs) have become a mature and dynamic technology within materials science. Since their discovery in the mid-1990s, this field of study has experienced exponential growth, yielding innovative structures, patents, and thousands of articles exploring applications such as sorption, luminescence, magnetism, catalysis, energy storage and conversion, drug delivery, and more. The intrinsic porosity, high surface area, thermal and chemical stability, and functionalization of MOFs make them versatile crystalline materials for the development of advanced devices and novel composites. This Special Issue aims to showcase recent advances in MOFs and related composite materials, focusing on innovative synthesis methods, shape and size engineering, and novel structures and properties with applications in opto-magnetic fields.

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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

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