

Special Issue

2D Polymers and Composites: Preparation, Characterization and Application

Message from the Guest Editors

2D materials, including graphene, transition metal dichalcogenides (TMDs), black phosphorene and MXene, have attracted tremendous attention owing to unique optical and electronic properties that arise from the sheet-like 2D structures. In addition, functionalization and hybridization of these 2D materials can tailor and modulate their behaviors and properties, expanding applications in multidisciplinary science and engineering. Polymers play an extremely crucial role in our modern life, from mundane to highly specialized, consisting of repeating units that are linked to neighbors. The recent emergence of 2D polymers arguably have the potential to conquer the limitations of existing 2D materials, such as limited crystal size (and biological incompatibility).

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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

Prof. Dr. Alexander Böker

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