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Advances in Polymer Processing and Molding

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Deadline for manuscript submissions:
closed (15 March 2024)

Message from the Guest Editors

Dear Colleagues,

Polymer materials play essential roles as modern industrial materials. Applications of advanced polymers and composites (demonstrating high mechanical performance), biomedical polymers (bio-degradable, bio-substitute materials, etc.), and metamaterials (soft, superconductive, etc.) have shown impressive growth.

Researchers and engineers are making great efforts to develop advanced polymer materials, processing and molding technology, equipment, and advanced parameter optimization methods in order to meet new industrial demands, including but not limited to continuous carbon fiber/engineering thermoplastic composites, multi-functional materials, 3D printing technology for molds and tiny structures, deep learning for processing parameter or structure optimization and design, etc.

The aim of this Special Issue is to publish high-quality research papers focusing on advanced precision polymer processing and molding methods. Promising research works about simulation and design, experimental discovery, and technology development are welcome for submission.

Dr. Xinyu Wang
Prof. Dr. Minjie Wang
Guest Editors

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Special Issue

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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 5.0.

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.

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