

Special Issue

Synthesis, Properties and Applications of Polymers

Message from the Guest Editors

Despite the widespread use of polymers in all spheres of life, research and practical interest in this field of chemistry are steadily increasing. This Special Issue is intended to show the versatility of polymer chemistry and molecular design, the ability to customize the desired properties, structure–property relationships, and the most diverse applications of new polymers, including energy, electronics, membrane technologies, medicine, optics, etc. The main focus will be on the synthesis and post-polymerization modification of carbon- and heterochain polymers, organoelement and organometallic polymers, functionalized polymers, and molecular and nanocomposites. Works studying the influence of polymer structure on the properties, processing, and recycling of polymers and applications for a specific practical task will be presented as well. We invite polymer scientists, chemical engineers, physicists, materials scientists, and technologists to publish original research papers or reviews in this open-access Special Issue to make the acquired knowledge publicly available, accelerate the development of polymer chemistry, and expand their practical use.

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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