

Special Issue

Polymer Composites: Preparation, Properties, and Application

Message from the Guest Editors

We are delighted to announce a call for submissions to a Special Issue of the *International Journal of Molecular Sciences* on the topic of "Polymer Composites: Preparation, Properties, and Applications". Presently, processing of sustainable polymeric systems based on up-to-date polymeric materials (renewable, smart materials, functional biomaterials) covered or filled with organic and inorganic fillers, modified with environmentally friendly additives providing progressive material features have gained significant attention. Recent technological progress in utilisation and application of composite systems guaranteeing adventitious properties as bacterial resistance, cell adhesion/proliferation, controlled time life, biodegradability is often inquired for advanced products in the form of foams, fibres, 3D printed micro-structures and products having hierarchically structured surface. We encourage submission of both original research articles and topical reviews on all aspects of polymer composite preparation, characterisation, as well as their applications. All submitted articles will undergo peer review.

Guest Editors

Dr. Tomáš Sedláček

Dr. Miroslav Mrlik

Dr. Ivo Kuřitka

Deadline for manuscript submissions

closed (30 April 2023)



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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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