Special Issue

Hybrid Epoxy Nanocomposites

Message from the Guest Editors

Epoxy resins are known for their excellent chemical resistance, high specific strength, good dimensional stability, and adhesion properties. However, once cured, epoxy resins are brittle with low strain at break, low impact strength, and low resistance to crack propagation. The modification of epoxy resins to improve mentioned properties has been the subject of intense research interest in the last four decades. An adequate selection of modifiers could lead to specific interactions between the components of the hybrid composite and, therefore, to a greater improvement in properties, but also to avoiding undesirable results. However, although various studies are still devoted to epoxy composites, there is a great challenge to produce epoxy hybrid nanocomposites based on renewable resources with improved performance properties and taking into account environmental protection. The aim of this Special Issue is to collect original research papers on the latest developments in the field of hybrid epoxy nanocomposites, including the conditions of their preparation, evaluation of properties, and enhancement of mechanisms of properties and fields of application.

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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 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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