Special Issue

Performance and Application of Novel Biocomposites

Message from the Guest Editor

Sustainability and safety along with strength are the cornerstones for the development of contemporary industrial products. Due to this, biocomposite materials are undergoing steady development which can be applied for numerous applications. However, biocomposites often times suffer from poor mechanical properties and are very susceptible to fire. As a consequence, new research should be devised in order to manufacture biocomposites with superior performance properties. This could be achieved using novel biobased reinforcements and natural polymer resins having attractive material characteristics. The Special Issue, entitled "Performance and Application of Novel Biocomposites", would serve as a platform for addressing the developments made in the field of polymer composites where innovative methods, materials, and processing are employed to enhance mechanical, fire, and functional properties. Potential topics include but are not limited to the following: carbon-based materials (e.g., biochar and graphene), self-healing composites, flammability, nanoindentation, biopolymers (e.g., gluten), new processing and testing techniques, and fiber surface modifications.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2020)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/34221

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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 4.9.

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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