Special Issue

Functionalized Nanoparticles for Polymers

Message from the Guest Editor

Functionalized nanoparticles are nanoscale particles modified on their surface to enhance their properties and compatibility with polymer matrices. These modifications allow for better dispersion and stronger interaction with polymers, resulting in composite materials with improved properties. The functionalization of nanoparticles can significantly improve polymers' mechanical, thermal, and electrical properties. Adding functionalized carbon nanoparticles can increase the tensile strength, electrical conductivity, and thermal stability of polymers. Polymers with functionalized nanoparticles have various applications in various industries, including automotive, electronics, biomedicine, and packaging. These composite materials offer greater durability, conductivity, and resistance to extreme conditions.

Guest Editor

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Deadline for manuscript submissions

30 September 2025

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/232960

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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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