

Special Issue

Recent Advances in CNT-Reinforced Polymer Composites for Electromagnetic Wave Absorption and Shielding

Message from the Guest Editor

At present, excessive microwave radiation has become a typical pollution that is a great threat to human health. In order to solve the problem of the serious electromagnetic pollution caused by the widespread application of electromagnetic equipment and microwave technology, there is an urgent need to develop wave-absorbing and electromagnetic-shielding materials with good electromagnetic properties.

In recent years, carbon nanotubes have been used to prepare components with various micro-nanostructures due to their unique advantages. As one of the effective dielectric components in electromagnetic composite materials, when combined with other organic polymer components through a multicomponent synergistic mechanism, the impedance matching characteristics of the system can be optimized in many aspects, and good protection effects can be achieved against electromagnetic radiation.

In this Special Issue, we will focus on the latest developments in the research on the use of carbon nanotube-reinforced polymer composite materials to eliminate electromagnetic radiation pollution.

Guest Editor

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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

Prof. Dr. Alexander Böker

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