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Smart Nanoparticles and Polymer Nanocomposites for Emerging Technology

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Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editor

We invite authors to contribute original research articles or comprehensive review articles covering the most recent progress and new developments in the synthesis of smart nanoparticles, preparation of polymer nanocomposites, characterization and application of smart nanoparticles, physical properties of polymer nanocomposites, utilization of smart nanoparticles in the design of advanced polymer nanocomposites for emerging technology including biomedical, optoelectronics, sensing, diagnostics, food packaging, organic photovoltaics, bioelectronics, electronics, energy storage, automobiles, aerospace engineering, biomedicine, supercapacitors, batteries, water and air purification, microwave absorber, etc.

This Special Issue aims to cover a broad range of subjects, from smart nanoparticles and polymer nanocomposite synthesis and study of their fundamental properties to the fabrication and characterization of devices and emerging technologies with smart nanoparticles and polymer integration.

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Special Issue



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Message from the Editor-in-Chief

Crystals are a very important class of structured material, both from a scientific and technological viewpoint. In 2011, the Nobel Prize in Chemistry was awarded to Dan Schechtman for his work on quasicrystals. Our journal already expresses in its name *Crystals* that its focus centers around all aspects of this class of materials, which has fascinated humankind from its beginning. Despite decades of research on crystals, it remains a hot and fascinating research topic.

Crystals is a good platform for dissemination of knowledge in this area.

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