Special Issue

Functional Nanocomposites: Preparation, Characterization and Applications

Message from the Guest Editors

We are pleased to invite you to submit your recent studies to a Special Issue of Materials titled “Functional Nanocomposites: Preparation, Characterization and Applications”. Recently, nanocomposites, i.e., composite materials in which at least one component has dimensions on the nanometer scale (10–9 m), have gained considerable interest. Currently, the greatest interest is in nanocomposites, which are functional materials that are characterized by specific physicochemical properties that predispose them to applications in specific fields. Due to the wide range of possible desired functional properties of nanocomposite materials, they are widely used in many industries, e.g., pharmacy, medicine, environmental protection, construction, automotive and aviation, food, cosmetics and others. The aim of this Special Issue is to collect the latest literature on the preparation and study of the properties and potential applications of functional nanocomposites. Original research articles, review articles and short communications describing current research directions and future prospects in the areas of functional nanocomposite materials preparation are welcome.

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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