Special Issue

Low Dimensional Functionalized Electrospun Nanostructured Materials: Synthesis, Applications and Technology

Message from the Guest Editors

This Special Issue welcomes contributions devoted to the synthesis, applications and properties of novel low dimensional functionalized nanofibers produced by electrospinning. In these electrospun nanofibers, a wide variety of functional inclusions can be incorporated. These composite nanofibers can be rendered active or responsive to a variety of magnetic, electric, optical, thermal, mechanical and environmental stimuli, considerably widening their applicability. This Special Issue will aim to address and report novel low dimensional nanocomposite fiber materials and their synthesis methods, new functional and multifunctional nanofiber properties, as well as innovative applications that have been proposed or implemented from them in recent years.

Guest Editors

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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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