Special Issue

Electrospinning: Nanofabrication and Application

Message from the Guest Editor

Recently, new needleless electrospinning technologies are being established, aiming at higher productivity and thus bringing these materials nearer to commercial applications on larger scales. On the other hand, new materials and material blends are being investigated to further broaden the spectrum of possible applications. Finally, the area of "green electrospinning" is gaining more and more interest, reducing and preferably avoiding hazardous solvents. We would like to invite you to contribute to this Special Issue on “Electrospinning: Nanofabrication and Application”. Here we will underline recent advances related to technology, materials science and basic research for diverse applications.Research topics of interest may include, but are not limited to new needleless electrospinning techniques; new applications of electrospun nanofiber mats, new materials and material blends used for electrospinning, tailoring physical and chemical properties of electrospun nanofiber mats, generally new ideas about electrospinning.

Guest Editor

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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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