Special Issue

Advances in Electrostatic Spinning Micro and Nano Fibers

Message from the Guest Editor

Electrospinning evolved as a practical, applicable, versatile, high-potential and simple technology to produce nano- to micro-scale fibers offering significant advantages due to their extremely high surface-to-volume ratio, high porosity and easy functional design. The most recently developed electrospinning methods, such as multi-jet, needleless, bubble, centrifuge and electro-centrifuge systems, ensure a high production rate of micro- and nanofibers. Given their importance, this Special Issue of *Materials* invites contributions addressing all aspects of electrospun micro/nanofibers through experiments or theoretical simulations; these aspects may include innovative electrospinning technology, the optimization of micro/nanofiber mechanical properties, and potential applications of electrospun polymer or ceramic fibers. We warmly welcome original research works and review articles on the electrospinning of micro/nanofibers from experts and scholars worldwide.

Guest Editor

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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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