Special Issue

Organic Nanofibers: Fabrication, Properties and Applications

Message from the Guest Editor

The field of organic (both molecular and polymeric) nanofibers is the subject of growing interest from both fundamental and applied science, due to the numerous applications emerging for these materials, like tissue engineering and drug delivery, sensors, the more general electronics and optoelectronic fields (including energy generation and storage) and also water treatments like desalination or sanitization. Methods for massive fabrication of nanofibers include electrospinning, but novel alternatives like self-assembly, whose potential is demonstrated by Mother Nature everyday, are emerging. Therefore, we would like to prepare a Special Issue of Materials dealing with established (electrospinning) and novel (self-assembly) methods for the fabrication of organic nanofibers, with a further focus over the already demonstrated and novel applications of the so-obtained materials. Regular papers, short communications, reviews and general commentaries will be included in the Special Issue, and *Materials* will be happy to host contributions dealing with the aforementioned topics from the whole scientific community gathering around these themes.

Guest Editor

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Deadline for manuscript submissions

closed (15 November 2021)

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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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