



Progress in Electrospun Nanofibers and Nanocomposites

Guest Editor:

Prof. Dr. Carmen García-Payo

Department of Structure of
Matter, Thermal Physics and
Electronics, Faculty of Physics,
University Complutense of
Madrid, Avda. Complutense s/n,
28040 Madrid, Spain

Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editor

Dear Colleagues,

I have been asked by the Editor of *Nanomaterials* (MDPI) to coordinate a Special Issue entitled “Progress in Electrospun Nanofibers and Nanocomposites”.

This Special Issue is motivated by the observed growing interests on the design, fabrication, modification, and application of electrospun nanofibers and nanocomposites. Electrospinning technology has been widely used in the preparation of a wide range of nanoscale fibers for applications such as high-strength composite materials, nanoelectronics, sensors, biomedical application, drug delivery, food packaging, catalysis, membrane filtration, and energy applications (energy conversion/storage).

The rapidly developing technique of electrospinning has gained a surging research interest since its reinvention in 1990s due to its capability of yielding continuous fibers with diameters down to the nanometer scale, from a single needle spinning process to coaxial needle, multi-needle or the advanced bubble spinning technique...

For further reading, please follow the link to the Special Issue website at: <https://www.mdpi.com/si/40235>

Prof. Dr. Carmen García-Payo

Guest Editor



[mdpi.com/si/40235](https://www.mdpi.com/si/40235)

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Shirley Chiang

Department of Physics, University
of California Davis, One Shields
Avenue, Davis, CA 95616-5270,
USA

Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal-organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [CAPus / SciFinder](#), [Inspecc](#), and [other databases](#).

Journal Rank: JCR - Q1 (*Physics, Applied*) / CiteScore - Q1 (*General Chemical Engineering*)

Contact Us

Nanomaterials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/nanomaterials
nanomaterials@mdpi.com
[X@nano_mdpi](#)