Special Issue

Electrospun Polymeric Nanofibers Exploring Their Potential in Advanced Applications

Message from the Guest Editors

Electrospinning is a very simple, accurate and versatile technique that allows the production of fibers with controllable diameters ranging from micrometers to nanometers. In fact, this technique started to receive increasing attention not only within scientific community but also in industries due to its great potential of application in several advanced areas. Currently due to the recent pandemic, electrospun nanofibers membranes can play an important role regarding the strong need and demand of personal protection systems with increase filtration efficiency against the airborne virus. Hence, the aim of this Special Issue is to publish original research and review articles that address these topics and include advances, trends, challenges, and future perspectives regarding synthetic routes, structural features, properties, behaviors, and industrial or scientific applications of electrospun nanofibers in established and emerging areas.

Guest Editors

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Deadline for manuscript submissions

closed (20 December 2022)

Applied Sciences

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Impact Factor 2.5
CiteScore 5.3

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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