

Special Issue

Silk-Based Materials and Composites

Message from the Guest Editors

The present Special Issue on “Silk-Based Materials and Composites” aims to cover all aspects of silk-derived materials and composites that contribute to expand the knowledge around silk and push forward its potential range of applications. The topics covered by this Special Issue include but are not exclusively limited to: silk extraction from natural sources, design and formulation of silk-based materials and composites including those of recombinant origin, modification/functionalization, processing and characterization, and experimental validation.

- Natural silk extraction and purification
- Genetically engineered silk-based protein polymers
- Modification or functionalization of silk-based materials
- Processing of silk-based materials
- Silk-based composites
- Characterization of silk-based materials

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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.

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