

Special Issue

One Dimensional (Nano)Structures and Their Related (Nano)Composites: Synthesis, Properties, and Modification

Message from the Guest Editor

This issue focuses on the synthesis, characterization, modifications, and degradation (including processing) of 1-dimensional structures including new architectures based on the dispersion of 1-dimensional materials within various matrices. Theoretical models as well as computational advances are welcomed. Recent applications as well as potential developments are also considered. Materials and (nano)composites with advanced, enhanced, and novel mechanic, electric, magnetic, chemical, and biological features including materials with combined features such as ferroics and metamaterials embedding or having 1-dimensional features will be considered. Reports on the processing of such materials, including their behavior in extreme environments (such as the space environment), are welcomed.

Guest Editor

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Deadline for manuscript submissions

closed (26 December 2021)



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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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