



Nanocomposites, Hybrids and Nanocrystalline Materials

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Message from the Guest Editor

Dear Colleagues,

Condensed matter physics focusing on topics such as nanocomposites, hybrids, and nanocrystalline materials is an essentially important research area solving a broad range of physical problems, both fundamental and applied. The utilization of such a nanomaterial plays a significant role in enhancing the physiochemical stability of products, delivering active ingredients, and improving their final application. Nanocomposites, hybrids, nanocrystalline materials, and carbon nanocomposites can be designed by choosing suitable materials for a specific application, such as energy, medical and environmental applications, and smart materials.

The present Special Issue is devised as a collection of articles reporting both basic and applied research on condensed matter physics' applications related to smart materials, nanocomposites, hybrids, and nanocrystalline materials. The topics of interest may include computational, theoretical, or experimental studies of materials such as material structures, characterization, applications, and properties, including electronic, magnetic, transport, mechanical, and thermal.





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Message from the Editor-in-Chief

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