



materials



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Nanocomposites: Structure, Properties and Application

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Message from the Guest Editor

Dear Colleagues,

This Special Issue is devoted to recent advances in nanocomposite research. The development of structural and functional nanocomposites is addressed in the context of different materials as well as their synthesis, properties, and functionality necessary for applications in different areas. The list of matrix materials to be considered contains polymers, ceramics, rubber, materials for organic photovoltaics, electrochemical materials, dyes, etc. As for fillers providing nanocomposite characteristics, we summarize semiconductor quantum dots, noble metals, metal oxides, carbon nanotubes, etc. Significant attention will be devoted to the physical and chemical properties of nanocomposites as well as their application, including devices of different kinds.



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Special issue



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Message from the Editor-in-Chief

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