



Synthesis and Electronic Properties of Low-Dimensional Materials

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Message from the Guest Editor

Dear Colleagues,

Low-dimensional materials have attracted tremendous interest from the scientific community in the last two decades. These materials show unique and particular properties due to the nanometric size of one of their three dimensions. They exhibit different properties than their bulk counterparts, as they are governed by surface and finite-size quantum phenomena. This Special Issue will highlight studies on the procedures used for the synthesis of quantum dots, nanocrystals, nanowires/nanotubes, and thin films, investigating their impact on electronic properties such as optical, structural, or magnetic features. How are these phenomena translated to different applications?

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Guest Editor





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Message from the Editor-in-Chief

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