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# Applications of Advanced Nanomaterials in Sensor Devices (2nd Edition)

Guest Editor:

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# **Message from the Guest Editor**

Dear Colleagues,

Nanomaterials could be classified into diverse categories according to their physical and chemical properties, dimensionality, production procedures, compositions, and homogeneity. Particularly, processing, morphological control. and the physiochemical properties nanomaterials always affected each other's performances. Due to their nanoscale dimension and high surface-tovolume ratio, advanced nanomaterials have the capacity to show a series of exceptional properties, such as chemical, mechanical, optical, and magnetic ones. Very recently, researchers began to pay a lot of attention to the design and synthesis of diverse nanomaterials, such as organic, inorganic, and organic-inorganic hybrid ones with controllable geometry, morphology, and topology, and aimed to explore various academic and industrial applications such as sensing devices. Interestingly, during this research and development, scientists now focus a lot on the mechanisms of thus obtained sensor devices, like "details behind the scene", as announced often in a lot of sounded mysterious or scientific fiction.













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# **Message from the Editor-in-Chief**

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