Special Issue

Carbon Nanotubes: Fabrication, Properties and Applications

Message from the Guest Editor

Since their discovery on 1991, carbon nanotubes (CNTs) have attracted enormous attention due to their extraordinary electronic properties, high surface-to-volume ratio, and excellent mechanical properties. The development of CNT-based sensors is also necessarily based on fundamental knowledge of the structure/property relationship. However, a wide range of sensors can be developed. The aim of this Special Issue is to collect recent activities about the fabrication, characterization, and modelling of CNTs-based sensors and actuators. Potential topics include but are not limited to the following:

- Synthesis of high-quality CNTs for sensing applications;
- Design, fabrication, and characterization of CNT-based sensors;
- CNT field effect transistors;
- Metal contacts on CNTs;
- Composite materials;
- Electrochemical sensors;
- Biosensors and chemical sensors;
- Gas sensors;
- Strain and pressure sensors;
- Flow sensors;
- Mass sensors and pH sensors.

Guest Editor

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Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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