

Topical Collection

Novel Applications of Carbon Nanotube-Based Materials

Message from the Collection Editor

Dear colleagues, This Special Issue is specifically dedicated to novel and conceptual applications of carbon nanotube structures and materials based on carbon nanotubes. Applications include sensing via piezoresistive, piezo-impedance, thermoresistive, chemoresistive and electrochemical, magnetoresistive or piezoelectric approaches; electronics including transistors, cooling, field emission, photodetection or data transmission; chemical, biological and medical; catalysis; energy and gas storage; filters and membranes; fiber, fabrics, or reinforcements; probing; and others. Papers may be based on experimental, numerical, or analytical studies. Entirely novel applications may include the rationale and a theoretical section.

Collection Editor

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