Special Issue

Controllable Preparation and Application Exploration of Carbon Nanotubes and Composites

Message from the Guest Editors

Carbon nanotubes (CNTs) are helical cylinders of graphitic carbon that possess a quasi-one-dimensional structure having diameters down to a few nanometers. Over the past three decades, CNTs and their composites have been a focus of nanomaterial research due to their outstanding physicochemical properties and wide range of potential applications. This special issue of Materials on“Controllable Preparation and Application Exploration of Carbon Nanotubes and Composites” will focus on the most recent innovations in controlled synthesis and their applications in, but not limited to, electronic devices, energy storage and conversion, optoelectronics, thermoelectrics, structurally reinforced composites, sensors, adsorption, and catalysis. Review articles and research papers are highly desired to be submitted before the deadline.

Guest Editors

Dr. Feng Zhang

Dr. Zhenxing Zhu

Dr. Min Cheng

Deadline for manuscript submissions

closed (10 January 2024)

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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