



Journal of Nanomaterials

Special Issue on
Carbon-Based Materials at Nanoscale

CALL FOR PAPERS

Carbon has a variety of allotropes and structures of various dimensionalities due to the ability of hybridization in sp , sp^2 , and sp^3 , which makes it the most versatile element in the periodic table. Carbon-based materials have attracted significant attention, especially by discoveries of fullerenes, followed by carbon nanotubes and graphene. The unique properties of Carbon-based nanomaterials make them widely used in many fields including energy, environment, biology, medicine, and so forth.

We invite investigators to contribute original research articles as well as review articles with new findings related to the synthesis, structure, properties, and technological applications of carbon-based materials. These materials can be either synthetic or of natural origin, but are not limited to fullerenes, carbon nanotubes, and graphene. We are particularly interested in articles reporting a broad class of ordered or disordered solid phases at nanoscale composed primarily of elemental carbon. Composites and organic substances are also acceptable if the main components and the precursors are for such carbon nanomaterials.

Potential topics include, but are not limited to:

- ▶ Nanotubes, nanowires, nanofibers, nanorods, and nanobelts
- ▶ Surface and interface sciences and engineering
- ▶ Inorganic-organic hybrids or nanocomposites
- ▶ Catalysis and gas/liquid separations
- ▶ Graphene and graphene-based material
- ▶ Graphite carbon and graphite-like material
- ▶ Carbon-based biomaterials

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/jnm/cbmn/>.

Lead Guest Editor

Dan Xia, Aarhus University, Aarhus, Denmark
xiadan@inano.au.dk

Guest Editors

Michal Otyepka, Palacký University, Olomouc, Czech Republic
michal.otyepka@upol.cz

Xi Li, Fudan University, Shanghai, China
xi_li@fudan.edu.cn

Wei Liu, Nanjing University of Science and Technology, Jiangsu, China
wliu@fhi-berlin.mpg.de

Qingbin Zheng, Leibniz Institute of Polymer Research Dresden, Dresden, Germany
zheng-qingbin@ipfdd.de

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