

Special Issue

Electrical, Thermal and Optical Properties of Nanocarbon Materials

Message from the Guest Editor

Researchers' interest in carbon nanostructures has been ignited worldwide since their discovery. Carbon nanotubes, graphene, and other forms of carbon have shown remarkable thermal, electrical, and optical properties. This has given us hope that, thanks to them, we will be able to replace many traditionally used materials at present, the performance of which is often close to their theoretical limits. It is my pleasure to invite you to this Special Issue of *Materials*, which aims to discuss recent findings in the area of their electrical, thermal, and optical properties with a special focus on how microstructure and composition affects them. In particular, it would be worthwhile to elaborate on how the modification of these nanocarbon architectures influences the way these materials interact with light and/or transfer electrical/thermal energy. These factors should be considered for both individual nanocarbon macromolecules such as nanotubes/flakes and their networks in the form of fibers/thin films. Contributions such as communications, regular articles, or reviews are all welcome.

Guest Editor

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About the Journal

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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