Special Issue

Carbon-Based Materials

Message from the Guest Editor

The aim of this Special Issue is to present the state-of-the-art research progress in the field of carbon-based nanomaterials. Since the experimental discovery of graphene in 2004, the field of carbon nanostructures has become one of the fast developed fields of science. In addition to studying the basic polymorphs of carbon (nanotubes, fullerenes, and graphene), carbon nanostructures of various morphology have been extensively studied. Moreover, new carbon materials with improved mechanical, electrical, chemical, and optical properties are predicted and considered to be very promising for practical application. It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

Guest Editor

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Deadline for manuscript submissions

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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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