Special Issue

Advanced Low Dimensional Nanocarbon Based Silica Composites

Message from the Guest Editor

The scope of this Special Issue includes, without being limited to, the following topics: - *Synthesis Methods*: gas-phase techniques (e.g., CVD, ALD); liquid-phase methods (sol–gel, solvothermal, etc.); and solid-state procedures (different sintering techniques, polymer-derived ceramics; mechanical alloying, etc.); - *Properties*: electronic; optical; magnetic; catalytic, high temperature resistance to crystallization and decomposition; mechanical; charge carriers transport; thermal transport; etc.; - *Micro-/nanostructure*; - *Applications*: electronic applications; high-temperature structural applications; catalysis; energy conversion and storage, lightning, coatings, etc. It is our pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews that cover all aspects (i.e., synthesis–structure–property relationships, applications and future directions) of nanocarbon–silica composites are all welcome. Thank you very much for your consideration. We will be happy to receive a contribution from you, and we look forward to hearing from you soon.

Guest Editor

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Deadline for manuscript submissions

closed (15 July 2021)

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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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