Special Issue

Application of Carbon Filled Nanocomposites

Message from the Guest Editor

Materials could impart significant advantages or disadvantages to any system, process or product. This Special Edition is about how carbon, in particular its super forms, such as fullerenes (carbon nanotubes, graphene, carbyne etc.), can influence and improve the performance of its base material. You are welcome to submit cutting-edge research work on the preparation, processing, development, and application of carbon-based composites. This open access issue intends to cover the radical step-change in the capabilities and application of carbon materials in an engineering context with a clear focus on materials science and performance engineering. Original articles and reviews are welcome. However, research article, which include practical experimental results and critical theory are particularly encouraged, as are papers which set advanced molecular engineering in the wider context of, for example, society, economics, energy, and environment.

Guest Editor

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Deadline for manuscript submissions

closed (15 July 2021)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/59790

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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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