Special Issue

Advances in Carbon Nanomaterials

Message from the Guest Editor

Carbon nanomaterials are playing a prominent role in the emergence of disruptive technologies in clinical diagnosis, renewable energy, and electronics. Owing to their superior physical properties, these have been typically employed as property enhancers in composites. Furthermore, the range of applications has extended significantly beyond their typical use in electronic, thermal, and mechanical materials. To name a couple of examples, hollow and defective carbon nanostructures have been tested as drug delivery systems, nanotubes and graphene have been proven as suitable candidates for interfacing neuronal activity, and photoluminescent carbon quantum dots and nanodiamonds have been exploited in high-resolution optical bioimaging. This Special Issue aims to provide a collection of original research/review articles reflecting the most exciting and recent progress made in all aspects of this field. The scope is broad and covers developments from synthetic approaches to doping/tailoring schemes and cutting-edge applications in optoelectronics, sensors, energy storage, bioimaging, mechanical materials, nanomedicine, etc.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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