Special Issue

Emerging Carbon Nano-Onions and Related Materials: Preparation, Characterization and Applications

Message from the Guest Editor

Nanostructured carbon materials have been the focus of intense research in the last decades. Multi-shell fullerenes, also known as carbon nano-onions (CNOs) or onion-like carbons, were discovered in 1992 and are structured in concentric layers of carbon atoms. CNOs are perhaps the least studied of all carbon allotropes but because of their unique physical and chemical properties, they have received extensive attention in the last years. Current research has identified potential applications in supercapacitors, photovoltaics, electrocatalysis, drug delivery, (bio)sensors, bioimaging and many others. This special issue aims at disseminating the latest scientific and technological developments related with the preparation, modification, properties and applications of CNOs. We invite researchers and investigators from all over the world to contribute their original research or review articles to this special issue and encourage, in particular, the participation of young researchers in this emerging and attractive field.

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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