Special Issue

Novel Carbon Nanomaterials: Preparation and Photoelectric Properties

Message from the Guest Editor

Novel carbon nanomaterials have attracted a considerable amount of interest because of their unique physicochemical, structural, and photoelectric characteristics. These can pave a way to promote the development of optoelectronic devices, sensors, LEDs, displays, and solar cells fields. It is possible to finely tune their photoelectric properties suiting specific requirements. Important examples of these materials include carbon quantum dots, graphdiyne, C3N4 and hybrids. The rapid development of technology for creating new nanostructures requires the research community to comprehensively analyze their optoelectronic properties. This Special Issue will provide excellent opportunities of the novel carbon nanostructures and will broaden the scope of nanostructure applications. We invite you to contribute full papers, reviews, or communications to this Special Issue. In all cases, the papers must demonstrate novelty and relevance to the scope. Of course, applications of novel carbon nanomaterials in different fields of science and technology will be welcome.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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