Special Issue

Graphene Quantum Dots

Message from the Guest Editor

Graphene has attracted much attention because of its unusual properties suited for various appliances. Theoretical and experimental studies have shown that quantum confinement could take effect in graphenes of finite size such as graphene quantum dots (GQDs) and is expected to result in many interesting phenomena. The special issue on GQDs for *Nanomaterials* devotes to the interdisciplinary subject of all their aspects for GQDs, theoretical as well as applied. The editor would like to draw particular attention to this special issue of novelty, topicality and quality. Papers should present new and interesting science about GQDs in a way that is accessible to the readers. Prof. Louzhen Fan

Guest Editor

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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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