

Special Issue

Functional Carbon Quantum Dots: Synthesis and Applications

Message from the Guest Editors

Carbon-based quantum dots are mainly divided into two subgroups—carbon quantum dots (CQDs) and graphene quantum dots (GQDs)—which exhibit excellent optical properties, low toxicity and easy functionalization. Regarding these features, they have been promising candidates for photoelectric science and engineering applications. The rapid development of creating excellent CQDs requires the research community to comprehensively analyze the structure–activity relationship between photoelectric properties and the microstructure. This Special Issue aims to collect the latest developments of CQDs, mainly including the regulation of optical properties in broadband absorption, full-color fluorescence and their applications in photoelectric catalysis. We invite you to submit your research on all related topics for this Special Issue in the form of full papers, reviews or communications.

Guest Editors

Prof. Dr. Liang Wang

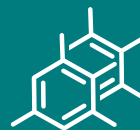
School of Environmental and Chemical Engineering, Shanghai University, Shanghai, China

Dr. Weitao Li

1. Textile and Garment Industry of Research Institute, Zhongyuan University of Technology, Zhengzhou 450007, China
2. Institute of Nanochemistry and Nanobiology, School of Environmental and Chemical Engineering, Shanghai University, Shanghai 200444, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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