Special Issue

Synthesis and Applications of Fluorescent Carbon Dots

Message from the Guest Editors

The journal *Organics* is pleased to announce a Special Issue entitled “Synthesis and Applications of Fluorescent Carbon Dots”. Nanotechnology, particularly carbon nanomaterial science, has become increasingly recognised and significant in recent years due to the exceptional properties and versatile applications of these materials across various fields, including information technology, healthcare, environment remediation, food, and security. This Special Issue aims to highlight the latest advances in fluorescent carbon dots synthesis from different raw materials and their effect on the properties of nanomaterials, particularly how these characteristics influence their practical applications and can be used for large-scale production. Other approaches, such as nanomaterial functionalization and surface modification, which can effectively tailor the properties of carbon dots, should also be explored. The topics for publication may include, but are not restricted to, applications of fluorescent carbon dots in drug delivery technologies, (bio)sensors, biomedical imaging, environmental monitoring, security, and anti-counterfeiting.

Guest Editors

Dr. Patrícia D. Barata

1. Departamento de Engenharia Química, Instituto Superior de Engenharia de Lisboa (ISEL), Instituto Politécnico de Lisboa (IPL), R. Conselheiro Emídio Navarro, 1, 1959-007 Lisboa, Portugal
2. Centro de Química-Vila Real (CQ-VR), Universidade de Trás-os-Montes e Alto Douro, Quinta dos Prados, 5001-801 Vila Real, Portugal

Dr. Alexandra I. Costa

1. Departamento de Engenharia Química, Instituto Superior de Engenharia de Lisboa, Instituto Politécnico de Lisboa, R. Conselheiro Emídio Navarro, 1, 1959-007 Lisboa, Portugal
2. Centro de Química-Vila Real (CQ-VR), Universidade de Trás-os-Montes e Alto Douro, Quinta dos Prados, 5001-801 Vila Real, Portugal

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Organics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
organics@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Organics is an open-access journal that offers rapid dissemination of innovative, informative, and impactful results in every aspect of organic chemistry, with a particular emphasis on new or significantly improved research results in the field of organic chemistry. The aim of this journal is to encourage scientists to publish their experimental and theoretical results in great detail to facilitate the advancement of organic chemistry. Main subject areas include but are not limited to: organic synthesis, synthetic methodology, theoretical organic chemistry, physical organic chemistry, supramolecular and macromolecular chemistry, heterocyclic chemistry, organocatalysis, bioorganic chemistry, organometallic chemistry, functional organic materials, etc. There is no restriction on the maximum length of the papers. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible.

Editor-in-Chief

Prof. Dr. Wim Dehaen
Sustainable Chemistry for Metals and Molecules, Department of Chemistry, KU Leuven, Celestijnenlaan 200F, 3001 Leuven, Belgium

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