Special Issue

Carbon Nanomaterials for Advanced Technology, 2nd Edition

Message from the Guest Editors

Building upon the success of the first edition, we now continue onto the second edition. Carbon nanomaterials have emerged, over the past few decades, as prime candidates for novel and next-generation applications in the technological materials space. Examples include graphene and carbon nanotubes for nanoelectronics, carbon nanoparticles for drug delivery systems and nanodiamonds in bioimaging. Their remarkable mechanical, thermal and electronic properties have attracted broad scientific attention and can be tailored for functional applications across all dimensions. This Special Issue aims to include a collection of original research articles and reviews that reflect recent progress into understanding, synthesizing, and applying carbon nanomaterials. Contributions concerning all kinds of carbon nanomaterials are welcome, with a focus on employed experimental and/or theoretical techniques involving the implementation of carbon nanomaterials in emerging and advanced technology. These technologies could involve (but are not limited to) nanoelectronics, sensing, bioimaging, biomedicine, catalysis, mechanical reinforcement and photocatalysis.

Guest Editors

Dr. Ben McLean

Materials Modelling and Simulation Group, School of Engineering, STEM College, RMIT University, Melbourne, Australia

Prof. Dr. Alister Page

Discipline of Chemistry, University of Newcastle, Callaghan, Australia

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

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Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

Prof. Dr. Duncan H. Gregory
School of Chemistry, University of Glasgow, University Avenue, Glasgow G12 8QQ, UK

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