

## Special Issue

# Carbon Nanomaterials for Advanced Technology

### Message from the Guest Editors

We are pleased to invite you to contribute to this Special Issue of *Inorganics* titled Carbon Nanomaterials for Advanced Technology. Carbon nanomaterials have emerged over the past decades as prime candidates for novel and next-generation applications in the technological materials space. 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 detail 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 the focus of the employed experimental and/or theoretical techniques being the implementation of carbon nanomaterials in emerging and advanced technology. These technologies could be (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

### Deadline for manuscript submissions

closed (31 January 2025)



## Inorganics

an Open Access Journal  
by MDPI

Impact Factor 3.0  
CiteScore 4.1



[mdpi.com/si/172983](https://mdpi.com/si/172983)

*Inorganics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[inorganics@mdpi.com](mailto:inorganics@mdpi.com)

[mdpi.com/journal/  
inorganics](https://mdpi.com/journal/inorganics)





# Inorganics

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 4.1



[mdpi.com/journal/  
inorganics](https://mdpi.com/journal/inorganics)



## About the Journal

### Message from the Editor-in-Chief

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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Chemistry, Inorganic and Nuclear) / CiteScore - Q2 (Inorganic Chemistry)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2025).