

# Special Issue

## Research on Metallofullerenes

### Message from the Guest Editors

The 40th anniversary of the first experimental observation of fullerenes in a laser-vaporized graphite cluster beam mass spectrum, made by H. W. Kroto, J. R. Heath, S. C. O'Brien, R. F. Curl, and R. E. Smalley (DOI:10.1038/318162a0), is approaching. It will be the anniversary not only for fullerenes and buckminsterfullerene in particular, but also for the first endohedral metallofullerene observed, La@C60, just a few days later (DOI:10.1021/ja00311a102). There was tremendous progress in the field since then documented by tens of thousands of publications: The production of fullerenes in macroscopic quantities, i.e., hundreds of observed and isolated new species, has influenced their characterization both experimentally and theoretically, reaching various applications as MRI and X-ray contrast agents, radiotracers, photovoltaic cells, nanoelectronics, superconductors, and others.

The field of metallofullerene research is on the top with hundreds of new publications each year; in this Special Issue on Metallofullerenes in *Inorganics*, on the chemical and physical properties of metallofullerenes, studied both experimentally and theoretically, is thus very timely.

---

### Guest Editors

Prof. Dr. Filip Uhlík

Prof. Dr. Takeshi Akasaka

Prof. Dr. Zdeněk Slanina

Prof. Dr. Xing Lu

---

### Deadline for manuscript submissions

closed (31 May 2024)



## Inorganics

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 4.1



[mdpi.com/si/153451](https://mdpi.com/si/153451)

*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), CAPlus / 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 14.9 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).