

# Special Issue

## Gold Complexes

### Message from the Guest Editors

During the last two decades, the chemistry of gold(I) complexes has attracted increasing attention. In particular, growing attention on their photophysical properties has been observed due to their potential applications in a wide variety of different research fields, such as photonic devices, nanomaterials, photoenergy storage, nonlinear optical responsive systems, and biological active species. The strong relativistic effects possessed by gold make it unique and are in the basis of the observation of weak aurophilic interactions between gold centers, which have attracted a growing attention and accelerated the development of gold(I) chemistry. Because of a similarity of magnitude between aurophilic interactions and hydrogen bonds, aurophilicity plays a key role in molecular aggregation in both solid state and solution. This Special Issue is focused on trying to highlight the wide range of applications of gold(I) complexes, mainly within organometallic chemistry. This will also serve as a way of opening up new strategies and collaborations between researchers in the field.

---

### Guest Editors

Prof. Dr. Laura Rodríguez

Departament de Química Inorgànica i Orgànica, Secció de Química Inorgànica, Universitat de Barcelona, Martí i Franquès 1-11, 08028 Barcelona, Spain

Prof. Dr. João Carlos Lima

LAQV-REQUIMTE, Departamento de Química, Universidade Nova de Lisboa, 2829-516 Monte de Caparica, Portugal

---

### Deadline for manuscript submissions

closed (15 January 2021)



# Inorganics

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.1  
CiteScore 2.8



[mdpi.com/si/20906](https://mdpi.com/si/20906)

*Inorganics*  
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 3.1  
CiteScore 2.8



[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 14.7 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).