Special Issue

Transition Metal Complex-Based Luminescent Probes

Message from the Guest Editors

Transition metal complexes have received intensive interest in bioinorganic chemistry since the approval of cis-platin as a chemotherapeutic agent in the late 1970s. Since then, other bioactive transition metal complexes have been discovered and evaluated through in vitro and in vivo models, and some have entered clinic trials. At the same time, transition metal complexes have also been characterized by desirable photophysical properties including long emission lifetime, large Stokes shift, high photostability, and triplet emission. The dual role of luminescent transition metal complexes as both a luminophore and as a therapeutic agent has prompted academics to explore their potential in environmental analysis, biological analysis, and theranostic applications. These efforts highlight the importance of luminescent transition metal complexes in analytical and medicinal fields. In this Special Issue, we wish to cover the most recent advances in all these aspects of transition metal complex-based luminescent probes by hosting a mix of original research articles and short critical reviews.

Guest Editors

Dr. Wanhe Wang

Prof. Dr. Duncan Chung-Hang Leung

Dr. Jing Wang

Dr. Guochen Bao

Deadline for manuscript submissions

closed (20 September 2023)

Inorganics

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 4.1

mdpi.com/si/132813

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

mdpi.com/journal/inorganics

Inorganics

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 4.1

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).