Special Issue

Advances in Metal Ion Research and Applications

Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome to be submitted. Research areas may include, but are not limited to, the following:

- Metal ion-based materials for energy storage (e.g., batteries, supercapacitors);
- Biological and biomedical applications of metal ions (e.g., drug delivery, imaging agents, enzyme mimicry);
- Metal ions in environmental remediation and pollution control (e.g., water treatment, desalination, CO2 capture);
- Metal ions in catalytic processes and energy conversion (e.g., electrochemical reactions, fuel cells, hydrogenation);
- Metal ion interactions with nanomaterials for sensing and diagnostics;
- Development of novel methods for metal ion detection and characterization;
- Advances in the synthesis and characterization of metal ion-based nanomaterials;
- Computational modeling of metal ion behavior in materials and biological systems;
- Coordination chemistry and molecular interactions of metal ions in complex systems;
- Advances in the understanding of metal ion interactions in materials science and electronics.

Guest Editors

Dr. Liuhua Mu

1. School of Physical Science and Technology, Ningbo University, Ningbo 315211, China
2. School of Physical Science, University of Chinese Academy of Sciences, Beijing 100049, China

Dr. Xiaoyan Li

Department of Chemistry, Northwestern University, Evanston, IL 60208, USA

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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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