

Special Issue

Synthesis and Application of Luminescent Materials

Message from the Guest Editor

Luminescent materials have generated significant interest and have been thoroughly studied in a variety of fields. This Special Issue will provide a collection of the latest research activities in the field of luminescent materials such as carbon dots, aggregation-induced emission luminous, quantum dots, room-temperature phosphorescence materials, and nanoclusters. We focus on the development of new preparation strategies of luminescent materials with a controlled structure and the current development of luminescent materials in chemo/biosensing, imaging, light-emitting diodes, cancer therapy, and information encryption, etc. In this Special Issue, original research articles and reviews are welcome. Research areas may include the following:

The new concepts of synthesizing new type of luminescent materials;

The design of luminescent materials for various applications such as sensing, imaging, light-emitting diodes and anti-counterfeiting;

State-of-the-art technologies to improve the performance of luminescent materials;

Study on the optical mechanism of luminescent materials;

The development of luminescent materials-based devices for various applications.

Guest Editor

Dr. Binbin Chen

School of Chemistry and Molecular Engineering, East China University of Science and Technology, Shanghai, China

Deadline for manuscript submissions

closed (20 September 2024)



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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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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

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