

## Special Issue

# New Organic–Inorganic Metal Halides: Chemistry and Optoelectronic Properties

### Message from the Guest Editors

We are delighted to invite you to submit your recent research related to organic–inorganic metal halides to this Special Issue. Organic–inorganic metal halides have emerged as a family of materials with outstanding optical and electrical properties, owing to their exceptional structural tunability and designable organic and inorganic moieties. Organic–inorganic metal halides have been applied extensively in solid-state lighting, solar cells, light-emitting diodes, lasers, photocatalysis, scintillators, ferroelectrics, sensors, etc. Nevertheless, further expanding the material library with new organic or inorganic moieties in order to elucidate their design rules is necessary. In addition, determining how to improve the performance of optoelectronic devices and their working mechanism still requires investigation. This Special Issue aims to collect papers that report the recent advances made in this family of materials and that provide insight into their intriguing properties, especially their optoelectronic properties.

### Guest Editors

Dr. Haoran Lin

Dr. Qingquan He

Dr. Wei Liu

### Deadline for manuscript submissions

closed (31 July 2024)



## Molecules

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*Molecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[molecules@mdpi.com](mailto:molecules@mdpi.com)

[mdpi.com/journal/  
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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).