

## Special Issue

# Advances of Thermoelectric Materials

### Message from the Guest Editors

Thermoelectric energy conversion represents an excellent viable way to reduce greenhouse gas emissions and provide energy security to an increasing global population. However, although significant improvements in the performance of thermoelectric materials have been recently achieved, the path for practical applications of thermoelectric devices appears still long.

The Special Issue is to publish papers that will help discover novel thermoelectric materials and provide a deeper understanding of the properties of existing ones through the application of theoretical and experimental methods. Particularly, the correlation between material structure and thermoelectric properties, thermal transport, and thermal conductivity is noteworthy.

The materials framework may include, but is not limited to, ceramics, oxides and chalcogenides, alloys and intermetallic, 2D structures, and nanoalloys that combine inorganic and organic components. Papers that report the application of well-consolidated approaches for materials discovery, and report the development of new methods or the enhancement of existing approaches, are of particular interest. [Click to Enter the Webpage](#)

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### Guest Editors

Dr. Marco Fronzi  
Prof. Dr. Paolo Mele  
Dr. Giovanna Latronico

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### Deadline for manuscript submissions

closed (30 November 2023)



## Inorganics

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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.

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### Editor-in-Chief

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