Special Issue

Recent Progress in Perovskites

Message from the Guest Editor

This Special Issue aims to explore the latest developments in perovskite materials and their synthesis, characterization, and applications. It aligns with the scope of *Inorganics*, which focuses on fundamental and applied research in inorganic materials, including structural, electronic, and chemical properties. Given the rapid evolution of perovskite research, this issue seeks to highlight recent breakthroughs and address current challenges in perovskite stability, device integration, and new functional properties. This Special Issue aims to cover the following topics:

- Synthesis and structural tuning of perovskite materials;
- Optoelectronic properties and device applications (solar cells, LEDs, and photodetectors);
- Stability and degradation mechanisms in perovskites;
- Computational modeling and theoretical insights into perovskite behavior;
- Hybrid and inorganic perovskites for next-generation materials;
- Perovskite-based catalysis and energy storage applications;
- Advanced characterization techniques for perovskite materials;
- Interface engineering and novel processing techniques.

Guest Editor

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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

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