

Special Issue

Advanced Inorganic Nanomaterials for Energy Conversion and Catalysis Applications

Message from the Guest Editors

Until today, inorganic nanomaterials for energy conversion and catalysis have become increasingly significant in academic research and industrial applications compared to before, such as in air purification, wastewater treatment, bacterial disinfection, and medical science. This is primarily due to unique properties such as their nanoporosity, optical absorption, intense crystalline phases, high specific surface areas, nanomorphology, and high oxidation. Hence, they play a vital role in the successful design of composite catalysts with enhanced efficiency and selectivity and a steady catalytic activity. This Special Issue aims to track the most recent advances in inorganic nanomaterials in energy conversion and catalysis applications by hosting a mix of original research articles and comprehensive reviews.

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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

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