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Inorganics for Catalysts: Design, Synthesis and Applications

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closed (31 July 2023)

Message from the Guest Editors

Dear Colleagues,

Advances in the catalytic processes over the last decades have enabled enormous progress in renewable energy production, environmental applications and sustainable development of several process. The heart of catalytic process is the design, synthesis and application of the catalyst. Their compositions, structures, functionalities, stability, resistance, activity, selectivity, durability, costs and environmental impact are the goal of the research for obtained a good material for optimal performance process. This call for scientists and professionals in the industry that working in the area of inorganic catalysts production and application that want to show their new results in this area allowing increase the knowledge towards the production of inorganic catalyst and use in different process.

Keywords:

inorganic catalyst; catalysts design; engineering on catalyst; sustainability in catalysts production; novel catalytic materials; operation reactor; innovate preparation methods; industrial application of inorganic catalysts

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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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