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Advances in Metal Organic Materials for Catalytic Applications

Guest Editors:

Prof. Dr. Francis Verpoort
State Key Laboratory of Advanced Technology for Materials Synthesis and Processing, Wuhan University of Technology, Wuhan 430000, China

Dr. Hussein A. Younus
Nanotechnology Research Centre, Sultan Qaboos University, P.O. Box 17, Al-Khoud 123, Oman

Dr. Nazir Ahmad
Department of Chemistry, GC University Lahore, Lahore 54000, Pakistan

Deadline for manuscript submissions:
closed (20 December 2022)

Message from the Guest Editors

Metal–organic materials-based catalysts for various organic transformations like addition, condensation, elimination, cyclization, isomerization, oxidation–reduction, and substitution, along with reactions involving energy/fuel generation and activation of small molecules (N2, O2, H2, H2O, CO2, CO, etc.) are very impressive. The role of these materials as chemical catalysts, electrocatalysts, photocatalysts, and supports for real active catalysts has been well established. Thus, more efforts are required to develop these highly selective systems to create future catalysts with stability, robustness, and reusability. This will assist the advancement of the vast field of catalysis based on metal–organic materials.

This research topic welcomes submissions in the form of original research articles, reviews, and mini-reviews on the themes of catalysis based on metal–organic materials.

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Editor-in-Chief

Prof. Dr. Duncan H. Gregory
School of Chemistry, University of Glasgow, University Avenue, Glasgow G12 8QQ, UK

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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Inorganics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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