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Metal Organic Frameworks and Applications in Catalysis

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Message from the Guest Editors

Dear Colleagues,

The fields of metal–organic frameworks (MOFs) and catalysis have been extensively combined during the last years due to the characteristics of MOFs being well suited for catalytic applications, for example, their high porosity, chemical versatility, and possibility for tailoring the design of catalytic active sites. The catalytic applications of MOFs and MOF-derived materials are increasing exponentially along with the number of publications related to new and improved performance of MOF materials in chemical reactions leading to industrially relevant compounds. Therefore, a compilation of the latest advances in these fields (MOFs + catalysis) would be useful to connect interested authors and readers. This Special Issue aims to cover recent and emerging strategies for the synthesis and catalytic applications of MOF-type materials, focusing on the aspects that drive present and future research, from the study of the material structure to applications in chemical reactions of organic and inorganic substrates. This will have an impact on the sustainable synthesis of chemicals, fuels, and environmental remediation strategies.



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Special Issue



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Message from the Editor-in-Chief

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