

Special Issue

Metal–Organic Framework Materials as Catalysts, 2nd Edition

Message from the Guest Editors

Following the first successful Special Issue on this topic (available here), we are happy to announce a second edition entitled “Metal–Organic Framework Materials as Catalysts, 2nd Edition.”

The objective of this Special Issue is to provide a platform for the forefront of academic research in MOF catalysis and its derivatives. MOF catalysis can hinge on the dynamic interplay of active sites within the framework, encompassing metal nodes, organic linkers, and the integration of nano-metals and metal oxides. Furthermore, the encapsulation of catalytically active species, post-synthetic modifications of MOFs, multifunctional MOFs, mixed linker MOFs, and asymmetric MOFs for catalyzed organic transformations all constitute pertinent themes for this Special Issue.

Encompassing a wide range of research facets, this Special Issue addresses the extensive domain of MOFs in relation to heterogeneous catalysis, catalyst synthesis, and the characterization of their diverse applications in molecular transformations.

We invite submissions of original research, comprehensive review articles, and insightful perspectives that enrich the field.

Guest Editors

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Deadline for manuscript submissions

closed (5 July 2024)



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