



Organometallic Complexes for Small Molecule Activation

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Message from the Guest Editors

The activation of small molecules continues to be intensely investigated as it offers insights into the fundamental steps of important catalytic transformations. Equally it also provides opportunities to uncover new modes of chemical reactivity and thus augment the available synthetic and catalytic toolkit. Historically, organometallic complexes of the transition metals have been at the forefront of such developments, and continue to play an important role in expanding the chemical space due to their ability to promote the activation of important small molecules in a plethora of ways. These range from established modes of activation to more niche pathways involving non-spectator ligands or modes reminiscent of biological processes such as proton-coupled electron transfer.

In this Special Issue dedicated to the activation of small molecules by organometallic complexes, we would like to invite contributions covering some of the recent advances in all these aspects in the form of both original research papers and critical reviews.





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Message from the Editor-in-Chief

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