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Reactivity and Applications of d-Block Metals: Innovation for Sustainability

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Message from the Guest Editors

Dear Colleagues,

The importance of d-block metals has been known for centuries as they have been used for a variety of applications ranging from pigments to drugs. The accidental discovery of ferrocene in 1951 led to a rapid growth of the d-block metal chemistry, and since then, the development of organometallic chemistry has been remarkable. Many new classes of d-block metal complexes have been prepared, and numerous examples of new chemical reactivity have been reported. The current knowledge on d-block metal complexes is astonishing, and they can find applications in different areas and processes. In this context, d-block metals can play an important role in the pursuit for more efficient and cost-effective processes and solutions for our everyday lifestyle.

The goal of this Special Issue is to report on the most current trends and uses of d-block metal complexes, gathering a collection of articles that highlight the current significance of these compounds in the most varied fields of expertise.