Special Issue

Recent Highlights Using Cobalt Catalysis

Message from the Guest Editor

Cobalt is the most earth abundant element of the group 9 transition metals. Due to its abundancy and reactivity, researchers have found a broad application of cobalt catalysts to transform simple starting materials to complex target molecules. In addition, nowadays a great emphasis is placed on the development of sustainable catalysis by replacing noble transition metals with cheaper alternatives, and at this point cobalt has stood out as promising alternative due to its unique reactivity. In this Special Issue, researchers are welcomed to submit original research papers, as well as review articles that highlight the key achievements and current trends for the use of cobalt complexes in a diverse range of catalytic transformations, e.g., C-H bond functionalization reactions, hydrogenation, cycloaddition, cross-coupling, as well as radical reactions.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2024)

Inorganics

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 4.1

mdpi.com/si/159930

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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.

Editor-in-Chief

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