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## Advances in Coordination Compounds for the Design of Better Materials for Catalysis, Storage Systems, and Sensors

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### Message from the Guest Editors

This Special Issue focuses on coordination compounds, also known as transition metal complexes, used in the design of catalytic materials, storage devices, and sensors. Coordination compounds are formed when transition metal ions bind with ligands to create a stable complex.

Coordination compounds have proven to be versatile catalysts for various reactions, offering distinct advantages such as high selectivity, tunable reactivity, and efficient catalytic activity.

In the field of energy storage systems, coordination compounds have shown the potential to create new materials for energy storage devices such as rechargeable batteries and fuel cells.

The unique properties of coordination compounds, such as sensitivity to external stimuli, have made them excellent candidates for their potential application in sensors.

This Special Issue aims to publish outstanding papers covering the latest progress in the field of materials based on coordination compounds. We welcome scholars in this field to submit original research articles, reviews, and short communications related to the subject.



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# Special Issue



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## Message from the Editor-in-Chief

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