



Novel Ligand Design in Coordination Compounds

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Message from the Guest Editor

Coordination complexes, formed from a metal cation bound to neutral or anionic organic or inorganic ligands, are known to exhibit great potential in various electronic, photophysical, magnetic, medicinal, and catalytic applications. Even though the metal plays its role, it is the ligands that enrich the functionality and properties of the coordination compounds. It has been shown in many experimental and computational studies that even with very subtle structural changes in the ligands, it is possible to drastically affect the coordination modes and therefore the properties of the complexes. Furthermore, different structural or electronic features of the ligands may alter the weak interactions between the complexes and lead to various crystalline states.

This Special Issue aims to increase our knowledge of recent progress in ligand design, and to show how this information has been exploited in producing new complexes and functional materials from coordination compounds.





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Message from the Editor-in-Chief

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