



Research in Coordination Polymers

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Message from the Guest Editor

Dear Colleagues,

Currently, coordination polymers, especially multidimensional ones considered metal–organic frameworks, are regarded as a novel group of porous materials. The specific features of metal centers and diverse bridging ligands leads to the formation of polymeric metal complexes with different dimensionality, various topologies, and physicochemical properties. Their unusual structures are usually accompanied by interesting functional properties that make these metal complexes an attractive group of novel inorganic–organic materials with a very wide spectrum of potential applications. Evolution of synthesis methods as well as construction of new ligands creates more possibilities for designing and obtaining coordination polymers with programmed structural and physicochemical properties.

This Special Issue is dedicated to coordination polymers based on various building blocks with different dimensionality and properties. The focus is especially on the non-conventional methods of their synthesis, as well as structural, spectroscopic, and thermal investigations, along with investigations of their functional properties, for the development of novel materials.





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Message from the Editor-in-Chief

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