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New Findings of Magnetic Metal-Organic Framework Compounds

Guest Editor:

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Message from the Guest Editor

Metal-organic frameworks (MOFs) or coordination polymers (CPs) have been extensively studied due to a large variety of topologies and structures leading to a diverse platform of physical and chemical properties, which make them prototypes of multifunctional molecular materials.

Magnetic properties can be brought into MOFs by choosing suitable metal centres, organic linkers, and the manner of their connection, or by introducing functional molecules in the pores. In general, a primary aim of the investigation of magnetic materials is the upgrading of the properties of magnets and the exploration of new functions, especially together with other beneficial occurrence.

This following Special Issue of *Materials* will cover recent progress, novelties, and important findings regarding the magnetic properties of the metal-organic framework compounds. Publishing contributions of original research articles, focused on the synthesis and full characterizations based on the magnetic properties, both experimental and theoretical, of the above systems is our primary goal. Researches on multifunctional magnetic MOFs studied through an interdisciplinary approach are especially welcome.

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Message from the Editor-in-Chief

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