



Recent Advances in the Chemistry of Organoiron Compounds

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Message from the Guest Editor

Iron is a unique metal element in terms of its availability, cost effectiveness, and low toxicity, and therefore, the advancement in the applications of iron compounds in various fields is highly desirable. In this regard, the serendipitous discovery of ferrocene represented a turning point for modern organometallic chemistry; therefore, a large variety of iron-based organometallic structures has been synthesized and investigated. Thus, organoiron molecular compounds have been intensively studied both in terms of basic research and for their potential uses, including as catalysts for sustainable processes, in view of replacing precious and more toxic metals, the mimetics of natural enzymes, and pharmaceuticals.

This Special Issue will cover all aspects of the synthesis, structural elucidation, theoretical and mechanistic studies, reactivity, properties, and applications of organoiron complexes.





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Message from the Editor-in-Chief

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