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Organometallic Synthesis of Extremely Sensitive Compounds for Fundamental Investigations, Bond Activation, and Catalysis

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Message from the Guest Editor

Dear Colleagues,

I am delighted to be part of this special edition of *Molecules*, which focusses on recent and innovative developments in the area of organometallic chemistry with a focus on highly reactive and air/moisture-sensitive compounds and their investigations, both fundamentally and with applications in catalysis. Indeed, reactive complexes of the d-block and f-block have experienced burgeoning development in recent decades, and in this Special Issue we wish to showcase some of these recent highlights. We aim to provide a mix of fundamental studies as well as some examples featuring catalytic applications of reactive organometallic complexes. I invite colleagues to submit their manuscripts, and look forward to a collection of exciting articles in this Issue.



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Special Issue



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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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