



## Design, Synthesis, and Catalytic Applications of Metal Complexes

Guest Editor:

### Prof. Dr. Mei Wang

School of Materials Science and  
Engineering, Tianjin University of  
Technology, Tianjin 300384,  
China

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### Message from the Guest Editor

Dear Colleagues,

Metal complexes with sterically demanding ligands have long shown great potential for application in a wide range of fields, especially in catalysis. The synthesis and characterization of these challenging molecules with unique features have helped to elucidate catalytic processes for optimizing the catalysts. Metal complexes as molecular catalysts have the advantage of synthetic control over steric and electronic properties in the vicinity of the active sites. In recent years, researchers have moved towards exploiting these highly reactive complexes to achieve a range of catalysis in OER, HER, CO<sub>2</sub>RR, NRR, water splitting, etc.

This Special Issue presents research on the chemistry of metal complexes, as well as other metal-based materials relevant to catalysis in various fields.

Prof. Dr. Mei Wang

*Guest Editor*





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### Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical  
Biology and Phytochemistry,  
University of Münster,  
Corrensstrasse 48, D-48149  
Münster, Germany

## Message from the Editor-in-Chief

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*Molecules* Editorial Office  
MDPI, Grosspeteranlage 5  
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