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Chemical Bond and Intermolecular Interactions

Guest Editors:

Prof. Dr. Qingzhong Li

School of Chemistry and Chemical Engineering, Yantai University, Yantai, China

Prof. Dr. Steve Scheiner

Department of Chemistry and Biochemistry, Utah State University, Logan, UT, USA

Prof. Dr. Zhiwu Yu

Department of Chemistry, Tsinghua University, Beijing, China

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Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on the geometrical and spectroscopic features as well as potential applications of halogen, chalcogen, pnictogen, tetrel, and triel bonds in chemical reactions, crystal engineering, molecular recognition, and biological systems. We aim to especially publish studies concerning the bonds formed between some novel important electron donors and acceptors, similarities and differences between these bonds. structures of the complexes composed of these bonds in solution and gas phases, spectroscopic methods for measuring these bonds in solution and gas phases, and applications of these bonds in chemical reactions, crystal molecular recognition, engineering, and biological systems.

Prof. Dr. Qingzhong Li Prof. Dr. Steve Scheiner Prof. Dr. Zhiwu Yu *Guest Editors*













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Editor-in-Chief

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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