

## Publikationsliste

1. *Controlling the Dimensionality in Au(I)-Ti(I) Metallopolymers*  
T. Seifert, N. Knoefel, T. Feuerstein, K. Reiter, S. Lebedkin, A. Boukis, F. Weigend, M. Kappes, P. Roesky, in Vorbereitung (2018).
2. *[Co@Sn<sub>6</sub>Sb<sub>6</sub>]<sup>3-</sup>: Structure and <sup>119</sup>Sn NMR Spectrum of an Off-Center Endohedral 12-Vertex Cluster*  
R. J. Wilson, F. Hastreiter, K. Reiter, P. Büschelberger, R. Wolf, R. Gschwind, F. Weigend, S. Dehnen, eingereicht (2018).
3. *[Hg<sub>4</sub>Te<sub>8</sub>(Te<sub>2</sub>)<sub>4</sub>]<sup>8-</sup>: A Heavy Metal Porphyrinoid Embedded in a Lamellar Structure*  
C. Donsbach, K. Reiter, D. Sundholm, F. Weigend, S. Dehnen, *Angew. Chem. Int. Ed.* **57**, im Druck, (2018).
4. *Multicomponent Reactions Provide Key Molecules for Secret Communication*  
A. Boukis, K. Reiter, M. Frölich, D. Hofheinz, M. Meier, *Nat. Commun.* **9**, 1439 (2018).
5. *(Ge<sub>2</sub>P<sub>2</sub>)<sup>2-</sup>: A Binary Analogue of P<sub>4</sub> as a Precursor to the Ternary Cluster Anion [Cd<sub>3</sub>(Ge<sub>3</sub>P)<sub>3</sub>]<sup>3-</sup>*  
S. Mitzinger, J. Bandemehr, K. Reiter, J. McIndoe, X. Xie, F. Weigend, J. Corrigan, S. Dehnen, *Chem. Commun.* **54**, 1421-1424 (2018).
6. *Calculation of Magnetic Shielding Constants with meta-GGA Functionals Employing the Multipole-Accelerated Resolution of the Identity: Implementation and Assessment of Accuracy and Efficiency*  
K. Reiter, F. Mack, F. Weigend, *J. Chem. Theory Comput.* **14**, 191-197 (2018).
7. *An NHC-Phosphinidenyl as a Synthone for New Group 13/15 Compounds*  
O. Lemp, M. Balmer, K. Reiter, F. Weigend, C. von Hänisch, *Chem. Commun.* **53**, 7620-7623 (2017).
8. *Vibrational Circular Dichroism Spectra for Large Molecules and Molecules with Heavy Elements*  
K. Reiter, M. Kühn, F. Weigend, *J. Chem. Phys.* **146**, 054102 (2017).
9. *A Dinuclear Gold(I) Bis(Carbene) Complex Based on a Ditopic Cyclic (Aryl)(Amino)Carbene Framework*  
E. Deck, K. Reiter, W. Kloppe, F. Breher, *Z. Anorg. Allg. Chem.* **642**, 1320-1328 (2016).
10. *A Boron-Fluorinated Tris(pyrazolyl)borate Ligand (F<sup>-</sup>Tp<sup>+</sup>) and Its Mono- and Dinuclear Copper Complexes [Cu(F<sup>-</sup>Tp<sup>+</sup>)<sub>2</sub>] and [Cu<sub>2</sub>(F<sup>-</sup>Tp<sup>+</sup>)<sub>2</sub>]: Synthesis, Structures, and DFT Calculations*  
T. Augenstein, F. Dorner, K. Reiter, H. Wagner, D. Garnier, W. Kloppe, F. Breher, *Chem. Chem. Eur. J.* **22**, 7935-7943 (2016).
11. *[(Pb<sub>6</sub>I<sub>8</sub>){Mn(CO)<sub>5</sub>}]<sup>2-</sup>: An Octahedral (M<sub>6</sub>X<sub>8</sub>)-like Cluster with Inverted Bonding*  
S. Wolf, K. Reiter, F. Weigend, W. Kloppe, C. Feldmann, *Inorg. Chem.* **54**, 3989-3994 (2015).