

List of publications: Dr. Christina Römel

2019

- **Römel, C.**, Weyhermüller, T., Wieghardt, K. (2019). Structural characteristics of redox-active pyridine-1,6-diimine complexes: Electronic structures and ligand oxidation levels *Coordination Chemistry Reviews* 380, 287-317. <https://doi.org/10.1016/j.ccr.2018.09.018>
- Wang, M., **Römel, C.**, Weyhermüller, T., Wieghardt, K. (2019). Coordination Modes, Oxidation, and Protonation Levels of 2,6-Pyridinediimine and 2,2':6',2''-Terpyridine Ligands in New Complexes of Cobalt, Zirconium, and Ruthenium. An Experimental and Density Functional Theory Computational Study *Inorganic Chemistry* 58(1), 121-132. <https://doi.org/10.1021/acs.inorgchem.8b01949>

2018

- **Römel, C.**, Ye, S., Bill, E., Weyhermüller, T., van Gestel, M., Neese, F. (2018). Electronic Structure and Spin Multiplicity of Iron Tetraphenylporphyrins in Their Reduced States as Determined by a Combination of Resonance Raman Spectroscopy and Quantum Chemistry *Inorganic Chemistry* 57(4), 2141-2148. <https://doi.org/10.1021/acs.inorgchem.7b03018>

2017

- **Römel, C.**, Song, J.S., Tarrago, M., Rees, J.A., van Gestel, M., Weyhermüller, T., DeBeer, S., Bill, E., Neese, F., Ye, S. (2017). Electronic Structure of a Formal Iron(0), Porphyrin Complex Relevant to CO₂ Reduction *Inorganic Chemistry* 56(8), 4745-4750. <https://doi.org/10.1021/acs.inorgchem.7b00401>

2015

- Gütz, G., Selt, M., Bänzinger, M., Bucher, C., **Römel, C.**, Hecken, N., Gallou, F., Galvão, T.R., Waldvogel, S.R. (2015). *Chemistry – A European Journal* 21(40), 13878-13882. <https://doi.org/10.1002/chem.201502064>

2013

- **Lohelster, C.**, Brutschy, M., Lubczyk, D., Waldvogel, S.R. (2013). Novel supramolecular affinity materials based on (-)-isosteviol as molecular templates *Beilstein Journal of Organic Chemistry* 9, 2821-2833. <https://doi.org/10.3762/bjoc.9.317>
- **Lohelster, C.**, Weckbecker, M., Waldvogel, S.R. (2013). (-)-Isosteviol as a Versatile Ex-Chiral-Pool Building Block for Organic Chemistry *Chemistry – A European Journal* 2013(25), 5539-5554. <https://doi.org/10.1002/ejoc.201300447>

2012

- **Lohoelter, C.**, Schollmeyer, D., Waldvogel, S.R. (2012). Derivatives of (–)-Isosteviol with Expanded Ring D and Various Oxygen Functionalities *European Journal of Organic Chemistry* 2012(32), 6364-6371. <https://doi.org/10.1002/ejoc.201200970>

2009

- Shah, A.A., Khan, Z.A., Choudhary, N., **Lohoelter, C.**, Schäfer, S., Marie, G.P.L., Farooq, U., Witulski, B., Wirth, T. (2009). *Organic Letters* 11(16), 3578-3581. <https://doi.org/10.1021/ol9014688>