

List of publications: Dr. Alexander Schnegg

2020

- Pavlov, A.A., Nehr Korn, J., Zubkevich, S.V., Fedin, M.V., Holldack, K., **Schnegg, A.**, Novikov, V.V. (2020). A Synergy and Struggle of EPR, Magnetometry and NMR: A Case Study of Magnetic Interaction Parameters in a Six-Coordinate Cobalt(II) Complex *Inorganic Chemistry* 59(15), 10746-10755. <https://doi.org/10.1021/acs.inorgchem.0c01191>
- Viciano-Chumillas, M., Blondin, G., Clémanceym N., Krzystek, J., Ozerov, M., Armentano, D., **Schnegg, A.**, Lohmiller, T., Telsler, J., Lloret, F., Cano, J. (2020). Single-Ion Magnetic Behaviour in an Iron(III) Porphyrin Complex: A Dichotomy Between High-Spin and 5/2–3/2 Spin Admixture *Chemistry – A European Journal* 26(62), 14242-14251. <https://doi.org/10.1002/chem.202003052>
- Jochim, A., Lohmiller, T., Rams, M., Böhme, M., Ceglarska, M., **Schnegg, A.**, Plass, W., Näther, C. (2020). Influence of the Coligand onto the Magnetic Anisotropy and the Magnetic Behavior of One-Dimensional Coordination Polymers *Inorganic Chemistry* 59(13), 8971-8982. <https://doi.org/10.1021/acs.inorgchem.0c00815>
- Lin, Y.-H., Kutin, Y., van Gastel, M., Bill, E., **Schnegg, A.**, Ye, S., Lee, W.-Z. (2020). A Manganese(IV)-Hydroperoxo Intermediate Generated by Protonation of the Corresponding Manganese(III)-Superoxo Complex *Journal of the American Chemical Society* 142(23), 10255-10260. <https://doi.org/10.1021/jacs.0c02756>
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- Ma, Y., Pang, Y., Chabbra, S., Reijerse, E.J., **Schnegg, A.**, Niski, J., Leutzsch, M., Cornella, J. (2020). Radical C–N Borylation of Aromatic Amines Enabled by a Pyrylium Reagent *Chemistry – A European Journal* 26(17), 3734-3743. <https://doi.org/10.1002/chem.202000412>
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- Li, J., Chen, J., Sang, R., Ham, W.-S., Plutschack, M.B., Berger, F., Chabbra, S., **Schnegg, A.**, Genicot, C., Ritter, T. (2020). Photoredox catalysis with aryl sulfonium salts enables site-selective late-stage fluorination *Nature Chemistry* 12, 56-62. <https://doi.org/10.1038/s41557-019-0353-3>
- Rams, M., Jochim, A., Böhme, M., Lohmiller, T., Ceglarska, M., Rams, M.M., **Schnegg, A.**, Plass, W., Näther, C. (2020). Single-Chain Magnet Based on Cobalt(II) Thiocyanate as XXZ Spin Chain *Chemistry – A European Journal* 26(13), 2837-2851. <https://doi.org/10.1002/chem.201903924>

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- Cheng, J., Liu, J., Leng, X., Lohmiller, T., **Schnegg, A.**, Bill, E., Ye, S., Deng, L. (2019). A Two-Coordinate Iron(II) Imido Complex with NHC Ligation: Synthesis, Characterization, and Its Diversified Reactivity of Nitrene Transfer and C–H Bond Activation *Inorganic Chemistry* 58, 7634-7644. <https://doi.org/10.1021/acs.inorgchem.9b01147>
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- Böhme, M., Ziegenbalg, S., Aliabadi, A., **Schnegg, A.**, Gorls, H., Plass, W. (2018). Magnetic relaxation in cobalt(II)-based single-ion magnets influenced by distortion of the pseudotetrahedral [N₂O₂] coordination environment *Dalton Transactions* 47(32), 10861-10873. <https://doi.org/10.1039/c8dt01530a>

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