

Curriculum Vita

Ralph Zehnder

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Education

- [Los Alamos National Laboratory], [2003 - 2005], [postdoctoral researcher] in [chemistry]
- [University of Siegen, Germany], [1999 - 2003], [doctorate] in [chemistry]
- [University of Siegen, Germany], [1993 - 1999], [masters] in [chemistry]

Teaching Experience

- [Angelo State University], [Assistant Professor of Chemistry], [2013 - 2018]
- [University of Louisiana at Monroe], [Tenured Associate professor of Chemistry], [2011 - 2012]
- [University of Louisiana at Monroe], [Assistant Professor of Chemistry], [2005 - 2011]

Professional Publications

1. Conversion of Lanthanide Glutarate Chlorides with Interstitial THF into Lanthanide Glutarates with unprecedented Topologies, Zehnder, R.A.; Jenkins, J.; Zeller, M.; Dempsey, C.; Kozimor, S.A.; Smith, M.; *Inorg. Chim. Acta* **2018**, 471, 502–512
2. Stress Compensation in an extended Series of Lanthanide Sulfonatoterephthalates $[\text{Ln}(\text{TPSO}_3)(\text{H}_2\text{O})_2]_n$ (Ln = Ce – Lu, except Pm), Hernandez, A.; Jenkins, J.; Maslen, H.; Zeller, M.; Dempsey, C.; Zehnder, R.A.; *Inorg. Chim. Acta* **2018**, 471, 104–112
3. Network Dimensionality of Selected Uranyl(VI) Coordination Polymers and Octopus like Uranium(IV) Clusters, Zehnder, R.A.; Boncella, J.M.; Cross, J.N.; Kozimor, S.A.; Monreal, M.J.; La Pierre, H.S.; Scott, B.L.; Tondreau, A.M.; Zeller, M.; *Cryst. Growth Des.* **2017**, 17, 5568–5582
4. Strain Alleviation in an Isomorphous Series of Lanthanide 2-nitroterephthalates $[\text{Ln}_2(\text{TPNO}_2)_3(\text{H}_2\text{O})_2] \cdot 2\text{H}_2\text{O}$ (Ln = Pr – Lu, except Pm), Zehnder, R.A.; Fontaine, N.; Mouawad, B.A.; Leonard, J.K.; Zeller, M.; Fronczek, F.R.; de Lill, D.T.; Ballard, A.;

C.; Jenkins, J.; *Inorg. Chim. Acta* **2017**, 467, 276–286

5. Covalency in Lanthanides. An X-ray Absorption Spectroscopy and Density Functional Study of LnCl_6^{x-} ($x = 3, 2$), Löble, M.W.; Keith, J.M.; Altman, A.B.; Stieber, S.C.E.; Batista, E.R.; Boland, K.S.; Conradson, S.D.; Clark, D.L.; Pacheco, J.L.; Kozimor, S.A.; Wilkerson, M.P.; Zehnder, R.A.; *J. Am. Chem. Soc.* **2015**, 137, (7), 2506–2523
6. 1-Chlorofuro[3,2-e][2,1,3]benzoxatellurazole, Watkins, J.M.; Fronczek, F.R.; Zehnder, R.A.; Junk, T.; *Acta Cryst.* **2013**, C69, 156 – 157