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| **List Of 2017 Reports**

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| **ID#** | **Title, First Author, and Category** | **Status** |
| [**105**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=105) |  **Title:** Ratiometric pH Imaging with a CoII2 MRI Probe via CEST Effects of Opposing pH Dependences  **First Author:** Thorarinsdottir, Agnes, Northwestern University, Chemistry, agnesthorarinsdottir2020@u.northwestern.edu **PI:** Harris, T.D., Northwestern University, Chemistry, dharris@northwestern.edu **Category:** Chemistry - Inorganic and Coordination **Facility:** AMRIS Facility at UF **Highest Measured Field:** 17.6 T **UCGP:** No    **VSP:** No   **Published in** J. Am. Chem. Soc. 139/44/15836-15847 **Sign. Achievement:** No **Director's Recommendation: Yes** **Director's Comments:** None | Approved |
| [**385**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=385) |  **Title:** Spin Dynamics of DNP Samples **First Author:** Collins, JHP, University of Florida, Biochemistry & Molecular Biology, jhpcollins@ufl.edu **PI:** Bowman, MK, University of Alabama, Chemistry, mkbowman@as.ua.edu **Category:** Chemistry - Inorganic and Coordination **Facility:** AMRIS Facility at UF **Highest Measured Field:** 5 T **UCGP:** No    **VSP:** No   **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**115**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=115) |  **Title:** Advanced Paramagnetic Resonance Studies on High-Oxidation State Iron Corroles **First Author:** Telser, J., Roosevelt University, Biological, Chemical and Physical Sciences, jtelser@roosevelt.edu **PI:** Telser, J., Roosevelt University, Biological, Chemical and Physical Sciences, jtelser@roosevelt.edu **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 15 T **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**298**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=298) |  **Title:** Characterization of Iron-Tetrazene Functionality in Bis(Alkoxide) Ligand Environments **First Author:** Yousif , M, Wayne State University, Chemistry, yousifm@chem.wayne.edu **PI:** Stoian, AS, University of Idaho, Chemistry, sebastian.stoian@magnet.fsu.edu **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 14 T **UCGP:** **Yes**    **VSP:** No   **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**326**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=326) |  **Title:** De Novo Design of Multinuclear Transition Metal Clusters in Helical Bundles **First Author:** Zhang, SQ, UCSF, shaoqing.zhang@ucsf.edu **PI:** DeGrado, WF, UCSF, Bill.Degrado@ucsf.edu **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 9 T **UCGP:** No    **VSP:** No   **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**318**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=318) |  **Title:** Dimeric Manganese(IV) Complexes with Tetraazaadamantane Ligands **First Author:** Ozarowski, A., NHMFL, EMR, ozarowsk@magnet.fsu.edu **PI:** Holynska, M., Plilipps University, Marburg, Germany, Chemistry, holynska@staff.uni-marburg.de **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 14.9 T **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**441**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=441) |  **Title:** Effects of Ligand Substitution in Organic Radical Bridged Lanthanides **First Author:** Marbey, J.J., MagLab and FSU, Physics, jjm13f@my.fsu.edu **PI:** Long, J.R., UC Berkeley, Chemistry, jrlong@berkeley.edu **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 35 T **UCGP:** No    **VSP:** No   **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**248**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=248) |  **Title:** Electron Paramagnetic Resonance Characterization of a Neodymium Complex **First Author:** Wang, Z., Huazhong University of Science and Technology, Wuhan National High Magnetic Field Center, zxwang@hust.edu.cn **PI:** Wang, Z., Huazhong University of Science and Technology, Wuhan National High Magnetic Field Center, zxwang@hust.edu.cn **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 12.5 T **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**376**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=376) |  **Title:** Heteroleptic Fe(II) Spin-Crossover Complexes with a N4S2 Coordination **First Author:** Yergeshbayeva, S., FSU, Chemistry and Biochemistry, sandugash\_90@mail.ru **PI:** Shatruk, M., FSU, Chemistry and Biochemistry, shatruk@chem.fsu.edu **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 8 T **UCGP:** **Yes**    **VSP:** No   **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**325**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=325) |  **Title:** HF-EPR Characterization of Paramagnetic Ag(2+) Sites in Several Prototypical Fluoride Systems **First Author:** Grochala, W., Warsaw University, CENT, w.grochala@cent.uw.edu.pl **PI:** Grochala, W., Warsaw University, CENT, w.grochala@cent.uw.edu.pl **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 14.9 T **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**311**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=311) |  **Title:** HFEPR Investigations on The Anisotropy of Oligomers of Single-Molecule Magnets **First Author:** Ozarowski, A., NHMFL, EMR, ozarowsk@magnet.fsu.edu **PI:** Lampropoulos, C., University of North Florida, Chemistry, c.lampropoulos@unf.edu **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 14.9 T **UCGP:** No    **VSP:** No   **Published in** Inorg. Chem. 56/14755–14758 **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**393**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=393) |  **Title:** High Frequency Pulsed EPR Study of Yb(trensal) **First Author:** Piligkos, S, University of Copenhagen, Chemistry, piligkos@chem.ku.dk **PI:** Piligkos, S, University of Copenhagen, Chemistry, piligkos@chem.ku.dk **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 12 T **UCGP:** No    **VSP:** No   **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**71**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=71) |  **Title:** High-Field EPR of Unusual Complexes of Semiquinone Radicals **First Author:** Witwicki, M., Wroclaw University, Faculty of Chemistry, maciej.witwicki@chem.uni.wroc.pl **PI:** Witwicki, M., Wroclaw University, Faculty of Chemistry, maciej.witwicki@chem.uni.wroc.pl **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 14.55 T **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**309**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=309) |  **Title:** High-Field EPR Studies On Tetra- And Penta-Coordinated Mn(III) Systems **First Author:** Doerrer, L. H., Boston University, Chemistry, doerrer@bu.edu **PI:** Doerrer, L. H., Boston University, Chemistry, doerrer@bu.edu **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 14.9 T **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**43**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=43) |  **Title:** High-Frequency and -Field EPR of Organochromium(III) Complexes with Relevance as Alkene Polymerization Catalysts **First Author:** Hansen, H.-B., Heidelberg U., Inorganic Chemistry, markus.enders@uni-heidelberg.de **PI:** Enders, M., Heidelberg U., Inorganic Chemistry, markus.enders@uni-heidelberg.de **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 14.5 T **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation **Sign. Achievement:** **Yes** **Director's Recommendation: Yes** **Director's Comments:** None | Approved |
| [**442**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=442) |  **Title:** Investigating the Origin of the Barrier to Magnetic Relaxation when S = ½ **First Author:** Greer, S., MagLab and FSU, Chemistry, smg13v@my.fsu.edu **PI:** Whittlesey, M., University of Bath, UK, Chemistry, M.K.Whittlesey@bathtub.ac.uk **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 15 T **UCGP:** No    **VSP:** No   **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**328**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=328) |  **Title:** Mössbauer and HFEPR Studies on Synthetic and Natural Gillespite, BaFeSi4O10 **First Author:** Salguero, T, University of Georgia, Athens GA, Chemistry, salguero@uga.edu **PI:** Salguero, T, University of Georgia, Athens GA, Chemistry, salguero@uga.edu **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 14.9 T **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**88**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=88) |  **Title:** Probing Molecular Magnetism by Infrared & Raman Spectroscopies in Magnetic Fields **First Author:** Xue, Zilin, University of Tennessee, Chemistry, xue@ion.chem.utk.edu **PI:** Xue, Zilin, University of Tennessee, Chemistry, xue@ion.chem.utk.edu **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 15 T **UCGP:** No    **VSP:** No   **Submitted to** Nature Comm.  **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**310**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=310) |  **Title:** Structural and HFEPR Studies on Polymeric Mn(III) Schiff-Base Complexes **First Author:** Ozarowski, A., NHMFL, EMR, ozarowsk@magnet.fsu.edu **PI:** Vassilyeva, O. Y., Taras Shevchemko University (Ukraine), Chemistry, vassilyeva@univ.kiev.ua **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 14.9 T **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**288**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=288) |  **Title:** Terahertz EPR of 2D Co(II)-Au(I) Systems: Influence of Axially Coordinated Ligands on the Magnetic Anisotropy and SMMs Properties **First Author:** Palacios, M.A., University of Granada, Spain, Inorganic Chemistry, mpalacios@ugr.es **PI:** Colacio, E., University of Granada, Spain, Inorganic Chemistry, ecolacio@ugr.es **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 17 T **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation **Sign. Achievement:** **Yes** **Director's Recommendation: Yes, definitely** **Director's Comments:** None | Approved |
| [**278**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=278) |  **Title:** Unusual Single-Ion Magnet Behavior in a High-Spin Iron(III) Complex **First Author:** Carbonell, J.M., University of Valencia, Spain, Inorganic Chemistry, J.Miguel.Carbonell@uv.es **PI:** Cano, J., University of Valencia, Spain, Inorganic Chemistry, joan.cano@uv.es **Category:** Chemistry - Inorganic and Coordination **Facility:** EMR Facility **Highest Measured Field:** 14.5 T **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**424**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=424) |  **Title:** Structural Analysis of Zn Lysine Complex in Toothpaste Formula by NMR and DNP **First Author:** Cheng, C.C., Colgate-Palmolive Company, chi-yuan\_cheng@colpal.com **PI:** Cheng, C.C., Colgate-Palmolive Company, chi-yuan\_cheng@colpal.com **Category:** Chemistry - Inorganic and Coordination **Facility:** NMR Facility **Highest Measured Field:** 19.6 T **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**392**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=392) |  **Title:** Mn-based metal organics pave the way to spin state transition-based multiferroics  **First Author:** Jakobsen, V., University College Dublin, Chemistry, vibe.jakobsen@ucdconnect.ie **PI:** Morgan, G.G., University College Dublin, Chemistry, grace.morgan@ucd.ie **Category:** Chemistry - Inorganic and Coordination **Facility:** Pulsed Field Facility at LANL **Highest Measured Field:** 65 T **UCGP:** No    **VSP:** No   **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
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