List Of 2012 Reports

ID#	Title, First Author, and Category	Status
312	**Title:** Magnetostriction and Magnetic Texture to 100.75 Tesla in Frustrated $SrCu_2(BO_3)_2$ **First Author:** Jaime, M., LANL, NHMFL, mjaime@lanl.gov **PI:** Daou, R., MPI, CPfS, ramzi.daou@gmail.com **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** Yes **VSP:** No **Published in** P. Natl. Acad. Sci. U.S.A. Vol 109, #31, pg 12404 (2012) **Sign. Achievement:** Yes **Director's Recommendation:** Yes, definitely **Director's Comments:** None	Edited
383	**Title:** Magnetic Phase Transitions and Multiferroicity in Quasi-two-dimensional Spin-1/2 Triangular Lattice Antiferromagnet $Ba_3CoNb_2O_9$ **First Author:** Hwang, J., NHMFL, FSU, hwang@magnet.fsu.edu **PI:** Choi, E.S., NHMFL, echoi@magnet.fsu.edu **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** Yes **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** None	Edited
171	**Title:** Successive Magnetic Phase Transitions and Multiferroicity in Spin-1 Triangular Lattice Antiferromagnet $Ba_3NiNb_2O_9$ **First Author:** Hwang, J., NHMFL, FSU, Department of Physics, hwang@magnet.fsu.edu **PI:** Choi, E.S., NHMFL, echoi@magnet.fsu.edu **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** Yes **VSP:** No **Accepted by** Phys. Rev. Lett. **Sign. Achievement:** Yes **Director's Recommendation:** Yes **Director's Comments:** Tried to fix formatting issues.	Edited
271	**Title:** Giant Magnetic Hysteresis in Sr_3NiIrO_6 **First Author:** Topping, C., Los Alamos National Lab, cvtopping@lanl.gov **PI:** Cheong, S.W., Rutgers, sanc@physics.rutgers.edu **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** Yes **Director's Recommendation:** Yes **Director's Comments:** None	Edited
272	**Title:** High-field Magnetization of the S = 1/2 Spiral Chain $[Cu(pym)(H_2O)_4]SiF_6$ Up to 85 T **First Author:** Manson, J.L., Eastern Washington University, Chemistry and Biochemistry, jmanson@ewu.edu **PI:** Manson, J.L., Eastern Washington University, Chemistry and Biochemistry, jmanson@ewu.edu **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** Yes **Director's Recommendation:** No **Director's Comments:** None	Edited
274	**Title:** Pulsed-field Magnetization of the S = 1 Square Lattices $NiX_2(pyrazine)_2$ (X = Cl-, Br-) **First Author:** Manson, J.L., Eastern Washington University, Chemistry and Biochemistry, jmanson@ewu.edu **PI:** Manson, J.L., Eastern Washington University, Chemistry and Biochemistry, jmanson@ewu.edu **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** Yes **Director's Recommendation:** No	Edited

	Director's Comments: None	
276	**Title:** Magnetization Studies on Single Crystals of Mononuclear S = 1 $Ni(HF_2)_2(3,5\text{-lutidine})_4$ **First Author:** Manson, J.L., Eastern Washington University, Chemistry and Biochemistry, jmanson@ewu.edu **PI:** Manson, J.L., Eastern Washington University, Chemistry and Biochemistry, jmanson@ewu.edu **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** Yes **Director's Recommendation: No** **Director's Comments:** None	Edited
277	**Title:** Magnetization Study of $[Ni(HF_2)(3\text{-chloropyridine})_4]BF_4$ Single Crystals **First Author:** Manson, J.L., Eastern Washington University, Chemistry and Biochemistry, jmanson@ewu.edu **PI:** Manson, J.L., Eastern Washington University, Chemistry and Biochemistry, jmanson@ewu.edu **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** Yes **Director's Recommendation: No** **Director's Comments:** None	Edited
295	**Title:** Bulk Magnetization Measurement of Nuclear Spins Polarization **First Author:** Kim, J.W., Los Alamos National Laboratory, jwkim@lanl.gov **PI:** Fitzsimmons, M., Los Alamos National Laboratory, fitz@lanl.gov **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
305	**Title:** Transient Magnetic States in Ca_3CoMnO_6 Compound **First Author:** Kim, J.W., Los Alamos National Laboratory, jwkim@lanl.gov **PI:** Zapf, V., Los Alamos National Laboratory, vzapf@lanl.gov **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
309	**Title:** ESR Measurements of a GaN:Mg Thin Film **First Author:** Kovalev, A., NHMFL, EMR, kovalev@magnet.fsu.edu **PI:** Zvanut, M.E., U. Alabama, Birmingham, Physics, mezvanut@uab.edu **Category:** Magnetism and Magnetic Materials **Facility:** EMR Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
198	**Title:** Magnetic Phase Diagram of the Spin-1/2 Triangular-Lattice Antiferromagnet Cs_2CuCl_4 **First Author:** Takano, Y., UF, Physics, takano@phys.ufl.edu **PI:** Takano, Y., UF, Physics, takano@phys.ufl.edu **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** Yes **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
	Title: Magnetoelectric Effect and Multiferroicity of Spin 5/2 Triangular Lattice Antiferromagnet $Ba_3MnNb_2O_9$ **First Author:** Khosravani, O., NHMFL/FSU, Department of Physics, ok11@my.fsu.edu **PI:** Choi, E.S., NHMFL, echoi@magnet.fsu.edu **Category:** Magnetism and Magnetic Materials	

208	**Facility:** DC Field Facility **UCGP:** Yes **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
222	**Title:** Magnetization and Electric Polarization Measurements on Multiferroic $CuCrO_2$ in Pulsed Magnetic Field **First Author:** Mun, E., LANL, edmun@lanl.gov **PI:** Frontzek, M., PSI Switzerland, matthias.frontzek@psi.ch **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
230	**Title:** Raman Spectroscopy of Low Dimensional Spin Systems: $SrCu_2(BO_3)_2$ **First Author:** Cherian, J.G., NHMFL, FSU Dept. of Physics, cherian@magnet.fsu.edu **PI:** McGill, S.A, NHMFL, mcgill@magnet.fsu.edu **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** Yes **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** Minor text corrections	Edited
268	**Title:** Magnetic Properties of Co and Ni Molecule-based Magnets **First Author:** Manson, J., Eastern Washington University, jmanson@ewu.edu **PI:** Manson, J., Eastern Washington University, jmanson@ewu.edu **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
269	**Title:** Magneto-electric Coupling Measurements in $BiFeO_3$-$BiMnO_3$ Heterostructures and Thin Films **First Author:** Driscoll, J., Cambridge, jld35@cam.ac.uk **PI:** Driscoll, J., Cambridge, jld35@cam.ac.uk **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
270	**Title:** Thermal Properties of Geometrons in the Frustrated Spinel $ZnCr_2O_4$ **First Author:** Zapf, V.S., Los Alamos National Lab, vzapf@lanl.gov **PI:** Rivadulla, F., University of Santiago de Compostela, Spain, f.rivadulla@usc.es **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
3	**Title:** ^{35}Cl NQR Studies of the Bose Einstein Condensate Quantum Magnet $NiCl_2$-$4SC(NH_2)_2$ **First Author:** Majewski, A.R., University of Florida, Physics, majewski@phys.ufl.edu **PI:** Sullivan, N.S., University of Florida, Physics, sullivan@phys.ufl.edu **Category:** Magnetism and Magnetic Materials **Facility:** High B/T Facility at UF **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited

11	**Title:** Magnetoelectric Coupling in Frustrated Rare Earth Containing Oxides **First Author:** Musfeldt, J.L., University of Tennessee, Chemistry, musfeldt@utk.edu **PI:** Musfeldt, J.L., University of Tennessee, Chemistry, musfeldt@utk.edu **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
25	**Title:** Magnetotransport Effects in Polar versus Non-polar $SrTiO_3$ Based Heterostructures **First Author:** Flekser, E., Tel Aviv University **PI:** Dagan, Y., Tel Aviv University, yodagan@tau.ac.il **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Published in** Phys. Rev. B Rapid Commun. 86, 121104 (2012) **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
29	**Title:** Low Temperature Phase Diagram of the Pyrochlore Quantum Magnet $Tb_2Ti_2O_7$ **First Author:** Sun, X. F., Chinese Academy of Science, Physics, yin@phys.ufl.edu **PI:** Sun, X. F., Chinese Academy of Science, Physics, yin@phys.ufl.edu **Category:** Magnetism and Magnetic Materials **Facility:** High B/T Facility at UF **UCGP:** No **VSP:** No **Submitted to** Phys. Rev. Lett. **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
40	**Title:** Magnetic Susceptibility of the Pyrochlore Magnet $Tb_2Ti_2O_7$ at High Fields **First Author:** Yin, L., University of Florida, Physics, yin@phys.ufl.edu **PI:** Yin, L., University of Florida, Physics, yin@phys.ufl.edu **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
42	**Title:** ESR Studies of the Natural Mineral Azurite, a Spin-1/2 Antiferromagnet with Distorted Diamond Structure **First Author:** Zvyagin, S.A., HLD-HZDR, s.zvyagin@hzdr.de **PI:** Zvyagin, S.A., HLD-HZDR, s.zvyagin@hzdr.de **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
56	**Title:** Study of Magnetic Ordering in $AlFe_{2-x}Mn_xB_2$ by Mössbauer Spectroscopy **First Author:** Chai, P., Florida State University, Department of Chemistry and Biochemistry, pchai@chem.fsu.edu **PI:** Shatruk, M., Florida State University, Department of Chemistry and Biochemistry, shatruk@chem.fsu.edu **Category:** Magnetism and Magnetic Materials **Facility:** EMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
57	**Title:** Field-induced Bose-Einstein Condensation in a Heisenberg Quantum S=1/2 Gapped Antiferromagnet **First Author:** Hong, T., Oak Ridge National Laboratory, Quantum Condensed Matter Division, hongt@ornl.gov **PI:** Hong, T., Oak Ridge National Laboratory, Quantum Condensed Matter Division, hongt@ornl.gov **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility	Edited

	UCGP: Yes **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** Changed text color	
60	**Title:** Magnetization Study of a S = 1 Linear-chain Antiferromagnet with D/J ~ 1 **First Author:** Xia, J.S., NHMFL-UF, jsxia@phys.ufl.edu **PI:** Manson, J.L., Eastern Washington Univ., Chemistry and Biochemistry, jmanson@ewu.edu **Category:** Magnetism and Magnetic Materials **Facility:** High B/T Facility at UF **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
91	**Title:** Dependence of $(La_{0.85}Sr_{0.15})_yMnO_3$ (y =0.92, 0.94, 0.96) Properties on Crystal Composition **First Author:** Shulyatev, D., NITU "MISiS", Leninskiy Prosp. 4, 119049 Moscow, Russia, Theoretical Physics, Shulyatev@mail.ru **PI:** Shulyatev, D., NITU "MISiS", Leninskiy Prosp. 4, 119049 Moscow, Russia, Theoretical Physics, Shulyatev@mail.ru **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Published in** Solid State Phenomena 194/108-111 **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** Minor syntax corrections	Edited
96	**Title:** Quantum Spin Liquid Behavior in $Yb_2Sn_2O_7$ **First Author:** Zhou, H.D., Univ. Tennessee/NHMFL, hzhou10@utk.edu **PI:** Zhou, H.D., Univ. Tennessee/NHMFL, hzhou10@utk.edu **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** Yes **Director's Recommendation: No** **Director's Comments:** None	Edited
99	**Title:** Magnetic Interactions in Crystalline Thin Film Organic Semiconductors **First Author:** Rawat, N., University of Vermont, Physics, nrawat@uvm.edu **PI:** Furis, M., University fo Vermont, Physics, madalinafuris@gmail.com **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
109	**Title:** High Field EPR Study of a Mn(IV) Monomer **First Author:** Amjad, A., University of Central Florida, Physics, a.amjad@knights.ucf.edu **PI:** del Barco, E. University of Central Florida, Physics, delbarco@physics.ucf.edu **Category:** Magnetism and Magnetic Materials **Facility:** EMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
111	**Title:** Magnetic Phase Diagram of the Quasi-one Dimensional Antiferromagnet $BaCo_2V_2O_8$ **First Author:** Tsujii, H., Kanazawa University, Department of Physics, Faculty of Education, htsujii@staff.kanazawa-u.ac.jp **PI:** Tsujii, H., Kanazawa University, Department of Physics, Faculty of Education, htsujii@staff.kanazawa-u.ac.jp **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** Yes **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited

112	**Title:** Shubnikov-de Haas Oscillations in GdSi **First Author:** Feng, Y., Argonne National Lab, yejun@aps.anl.gov **PI:** Feng, Y., Argonne National Lab, yejun@aps.anl.gov **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
116	**Title:** CW and Pulse EPR Study of Spin Triangle Molecules $\{Cu_3(OH)\}$ **First Author:** Ponomaryov, A.N., Chung-Ang University, alexey.ponomaryov@gmail.com **PI:** Choi, K.-Y., Chung-Ang University, kchoi@cau.ac.kr **Category:** Magnetism and Magnetic Materials **Facility:** EMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
121	**Title:** Magnetic Response of MnF(salen) at Low Temperatures and in High Magnetic Fields **First Author:** Park, J.-H., NHMFL, jhpark@magnet.fsu.edu **PI:** Meisel, M.W., UF and NHMFL-UF, Physics, meisel@phys.ufl.edu **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
122	**Title:** EPR Study of Strain-Mediated Photoeffects in Core-Shell Prussian Blue Analogues **First Author:** Knowles, E.S., UF and NHMFL, Physics, eknowles@phys.ufl.edu **PI:** Meisel, M.W., UF and NHMFL, Physics, meisel@phys.ufl.edu **Category:** Magnetism and Magnetic Materials **Facility:** EMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
126	**Title:** Magneto-Electric Effect in Bose Glass Candidate: $NiCl_{1.85}Br_{0.15}$- $4SC(NH_2)_2$ **First Author:** Yin, L., University of Florida, Physics, yin@phys.ufl.edu **PI:** Zapf, V., Los Alamos National Laboratory, yin@phys.ufl.edu **Category:** Magnetism and Magnetic Materials **Facility:** High B/T Facility at UF **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
138	**Title:** Probing the Local Microenvironments in Cr:CdSe Quantum Dots Using High Frequency EPR **First Author:** Christian, J., FSU, Chemistry, jhc09@my.fsu.edu **PI:** Strouse, G., FSU, Chemistry, strouse@chem.fsu.edu **Category:** Magnetism and Magnetic Materials **Facility:** EMR Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
145	**Title:** Investigating the Magnetic Structures of Pure and Doped $SrCu_2(BO_3)_2$ Under Pressure **First Author:** Haravifard, S., UChicago/Argonne National Lab, Physics, haravifard@uchicago.edu **PI:** Rosenbaum, T.F., UChicago, Physics, tfr@uchicago.edu **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility	Edited

	UCGP: No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	
160	**Title:** Controlling the Structural Domain in $BiFeO_3$ Thin Films **First Author:** Jo, Y.J., Kyungpook National University, Physics, joyj121@gmail.com **PI:** Jo, Y.J., Kyungpook National University, Physics, joyj121@gmail.com **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** Minor grammer corrections	Edited
164	**Title:** Solidification in Field: Effects on Magnetostrictive Alloys **First Author:** Opeil, C., Boston College, Physics Department, opeil@bc.edu **PI:** Opeil, C., Boston College, Physics Department, opeil@bc.edu **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** Minor text correction	Edited
168	**Title:** High Frequency Antiferromagnetic Resonance in the Quasi-1D S=1/2 Quantum Spin Chain $(TMTTF)_2SbF_6$ **First Author:** Bertaina, S., IM2NP - CNRS, Nanoscience, sylvain.bertaina@im2np.fr **PI:** Bertaina, S., IM2NP - CNRS, Nanoscience, sylvain.bertaina@im2np.fr **Category:** Magnetism and Magnetic Materials **Facility:** EMR Facility **UCGP:** No **VSP: Yes** **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
392	**Title:** Pressure Evolution of the Fermi Surface of Chromium at High Magnetic Fields **First Author:** Stillwell, R.L., FSU-NHMFL, physics, stillwell@magnet.fsu.edu **PI:** Tozer, S.W., NHMFL, tozer@magnet.fsu.edu **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
396	**Title:** Quantum Magnetization Steps in $Cr_{12}Cu_2$ Magnetic Molecule **First Author:** Yeninas, S., Iowa State Univ./Ames Laboratory, syeninas@gmail.com **PI:** Yeninas, S., Iowa State Univ./Ames Laboratory, syeninas@gmail.com **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
409	**Title:** Spin Dynamics of the S = 1/2 Frustrated Spin Chain $LiCuSbO_4$ **First Author:** Lee, W.J., Chung-Ang University **PI:** Choi, K.-Y., Chung-Ang University, kchoi@cau.ac.kr **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
	Title: Calorimetric Study of Organic Triangular Antiferromagnets of the TNN Family in High Magnetic Fields	

410	**First Author:** Hosokoshi, Y., Osaka Prefecture University, Department of Physical Science, yhoso@p.s.osakafu-u.ac.jp **PI:** Hosokoshi, Y., Osaka Prefecture University, Department of Physical Science, yhoso@p.s.osakafu-u.ac.jp **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
418	**Title:** Magnetic Torque Anomaly in the Heavy Fermion Antiferromagnet U_2Zn_{17} **First Author:** Haga, Y., Japan Atomic Energy Agency, Advanced Science Research Center, haga.yoshinori@jaea.go.jp **PI:** Haga, Y., Japan Atomic Energy Agency, Advanced Science Research Center, haga.yoshinori@jaea.go.jp **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
429	**Title:** Spin-nematic Phase in the S = 1/2 Antiferromagnet $LiCuVO_4$ Probed by NMR at 45 T **First Author:** Buttgen, N., University of Augsburg, Germany, Center for Electronic Correlations and Magnetism, EKM, norbert.buettgen@physik.uni-augsburg.de **PI:** Buttgen, N., University of Augsburg, Germany, Center for Electronic Correlations and Magnetism, EKM, norbert.buettgen@physik.uni-augsburg.de **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** **Yes** **Director's Recommendation: No** **Director's Comments:** None	Edited
433	**Title:** Magnetic Properties of Cobalt Ferrite Based Core-shell Nanoparticles at High Magnetic Fields **First Author:** Soares, J.M., UERN, Physics, joaomsoares@gmail.com **PI:** Machado, F.L.A., UFPE, Physics, flam@df.ufpe.br **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
434	**Title:** High-field Magnetization Measurements of Magnetic Complex Oxides **First Author:** Hauser, A.J., The Ohio state Univeristy, Physics, adamhauser@gmail.com **PI:** Yang, F.Y., The Ohio State University, Physics, fyyang@physics.osu.edu **Category:** Magnetism and Magnetic Materials **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
318	**Title:** Magnetic Meta-stability Measurement in $CeRu_2Ga_2B$ **First Author:** Kim, J., LANL, MPA-CMMS **PI:** Ayala-Valenzuela, O., Los Alamos National Laboratory, MPA-CMMS, ayalavoe@lanl.gov **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
	Title: Magneto-electric Coupling in a Metal-Organic Framework (MOF) **First Author:** Jain, P., Los Alamos National Laboratory , prashant@lanl.gov **PI:** Zapf, V., Los Alamos National Laboratory , vzapf@lanl.gov **Category:** Magnetism and Magnetic Materials	

328	**Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** Yes **Director's Recommendation: No** **Director's Comments:** None	Edited
329	**Title:** High Field Magnetic Transition of Ca_3CoMnO_6 Up to 90 T **First Author:** Mun, E.D., Los Alamos National Laboratory, edmun@lanl.gov **PI:** Cheong, S.-W., Rutgers University, sangc@physics.rutgers.edu **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
332	**Title:** High Field Magnetic Properties of the Frustrated Cluster Magnet $LiZn_2Mo_3O_8$ **First Author:** Sheckelton, J.P., Johns Hopkins University, Chemistry, jshecke2@jhu.edu **PI:** McQueen, T.M., Johns Hopkins University, Chemistry, Physics and Astronomy, mcqueen@jhu.edu **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
340	**Title:** Charge Order and Anomalous Hall Effect in $Na_{0.5}CoO_2$ Under High Magnetic Field **First Author:** Kim, J.W., Los Alamos National Laboratory, jwkim@lanl.gov **PI:** Argyriou, D., HMI, argyriou@hmi.de **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
369	**Title:** Specific Heat, Magnetocaloric Effect, and Thermal Conductivity of $Cu(pz)_2(ClO_4)_2$ in the 60T Long-pulsed Magnet **First Author:** Landee, C.P., Clark University, Department of Physics, clandee@clarku.edu **PI:** Landee, C.P., Clark University, Department of Physics, clandee@clarku.edu **Category:** Magnetism and Magnetic Materials **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
380	**Title:** Mössbauer Studies on Silica-Supported Magnetite Tubes **First Author:** Ozarowski, A., NHMFL, ozarowsk@magnet.fsu.edu **PI:** Ozarowski, A., NHMFL, ozarowsk@magnet.fsu.edu **Category:** Magnetism and Magnetic Materials **Facility:** EMR Facility **UCGP:** Yes **VSP:** No **Published in** J. Am. Chem. Soc. 134, 15519-15527 (2012) **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
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