List Of 2014 Reports

ID#	Title, First Author, and Category	Status
73	**Title:** Tunable Fractional Quantum Hall Phases In Bilayer Graphene **First Author:** Maher, P, Columbia University, pmaher@phys.columbia.edu **PI:** Kim, P, Harvard University, pkim@phys.harvard.edu **Category:** Graphene **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Published in** Science Science, 345, 61-64 (2014). **Sign. Achievement:** **Yes** **Director's Recommendation:** **Yes** **Director's Comments:** None	Editing
103	**Title:** Observation of an Intrinsic Bandgap in Graphene/Boron-Nitride Heterostructures **First Author:** Chen, ZG, NHMFL, zchen@magnet.fsu.edu **PI:** Li, Z, NHMFL, zli@magnet.fsu.edu **Category:** Graphene **Facility:** DC Field Facility **UCGP:** **Yes** **VSP:** No **Published in** Nature Communications Nature Communications 5, 4461 (2014). **Sign. Achievement:** **Yes** **Director's Recommendation:** **Yes** **Director's Comments:** None	Editing
110	**Title:** Cooling of Hot-Carriers with Landau Levels in Graphene **First Author:** Wu, S, Department of Physics, University of Washington, sanfengwu@gmail.com **PI:** Xu, X, Department of Physics, University of Washington, xuxd@uw.edu **Category:** Graphene **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation:** **Yes** **Director's Comments:** None	Editing
170	**Title:** Magneto-Photoconductivity of Graphene Boron Nitride Heterostructures **First Author:** Ludwig, J., NHMFL, jludwig@magnet.fsu.edu **PI:** Smirnov, D., NHMFL, smirnov@magnet.fsu.edu **Category:** Graphene **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation:** **Yes** **Director's Comments:** None	Editing
240	**Title:** Fractional Quantum Hall Effect in Monolayer and Bilayer Graphene **First Author:** Amet, F, Stanford University, Applied Physics, franz.amet@gmail.com **PI:** Goldhaber-Gordon, David, Stanford University, Physics, goldhaber-gordon@stanford.edu **Category:** Graphene **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Accepted by** Nature Communications **Sign. Achievement:** **Yes** **Director's Recommendation:** **Yes** **Director's Comments:** None	Editing
248	**Title:** Electron-Hole Bilayers in Twisted Bilayer Graphene: Quantum Spin Hall and Fractional Quantum Hall States **First Author:** Sanchez-Yamagishi, JDSY, MIT, Physics, jdsy@mit.edu **PI:** Jarillo-Herrero, PJH, MIT, Physics, pjarillo@mit.edu **Category:** Graphene **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** **Yes** **Director's Recommendation:** **Yes** **Director's Comments:** None	Editing
353	**Title:** Direct Measurement of the Layer Polarization of Bilayer Graphene **First Author:** Young, A. F., UCSB, Physics, af.young@gmail.com **PI:** Ashoori, R. C., MIT, MIT, ashoori@mit.edu **Category:** Graphene **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** **Yes** **Director's Recommendation:** **Yes** **Director's Comments:** None	Editing

411	**Title:** Hofstadter Butterfly in the Strongly Interacting Regime **First Author:** Wang, L, Columbia University, Physics, lw2379@columbia.edu **PI:** Dean, C.R., Columbia University, Physics, cory.dean@gmail.com **Category:** Graphene **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation:** **Yes** **Director's Comments:** None	Editing
414	**Title:** Competing Ordered Filling Factor Two States in Bilayer Graphene **First Author:** Velasco Jr., J., University of California, Riverside, jairovj@gmail.com **PI:** Lau, C.N., University of California, Riverside, lau@physics.ucr.edu **Category:** Graphene **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Published in** Nature Communications 5, 4550 **Sign. Achievement:** No **Director's Recommendation:** **Yes** **Director's Comments:** None	Editing
415	**Title:** Competition Between Spontaneous Symmetry Breaking and Single Particle Gaps in Trilayer Graphene **First Author:** Lee, Y., University of California, Riverside, kenosis101@gmail.com **PI:** Lau, C.N., University of California, Riverside, lau@physics.ucr.edu **Category:** Graphene **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Published in** Nature Communications 5, 5656 **Sign. Achievement:** **Yes** **Director's Recommendation:** **Yes** **Director's Comments:** None	Editing
354	**Title:** Insight into the Mechanism of Graphene Quantum Dot Formation via the Photo-Fenton Reaction **First Author:** Bai, H., U. Pittsburgh, Chemistry, astar@pitt.edu **PI:** Star, A., U. Pittsburgh, Chemistry, astar@pitt.edu **Category:** Graphene **Facility:** ICR Facility **UCGP:** No **VSP:** No **Published in** Journal of Physical Chemistry C 118/10519-10529 **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
72	**Title:** One-Dimensional Edge Modes in Biased Bilayer Graphene **First Author:** Li, J., Penn State University, jil5369@psu.edu **PI:** Zhu, J., Penn State University, jxz26@psu.edu **Category:** Graphene **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
298	**Title:** Fractional Quantum Hall States in Hybrid Graphene **First Author:** Cadden-Zimansky, Paul, Bard College, Physics, paulcz@bard.edu **PI:** Cadden-Zimansky, Paul, Bard College, Physics, paulcz@bard.edu **Category:** Graphene **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
186	**Title:** Cyclotron Resonance in Graphene/Boron Nitride Heterostructures **First Author:** Henriksen, EH, Washington University in St. Louis, Physics, henriksen@wustl.edu **PI:** Henriksen, EH, Washington University in St. Louis, Physics, henriksen@wustl.edu **Category:** Graphene **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	Editing
122	**Title:** High-frequency EPR Studies of Spin-Spin Interaction between -electronic Edge-Localized Spin States and Molecular Oxygen in Defective Carbon Onions **First Author:** Osipov, V.Y., Ioffe Physical-Technical Institute, Solid State Electronics, vladyuo@hotmail.com **PI:** Osipov, V.Y., Ioffe Physical-Technical Institute, Solid State Electronics, vladyuo@hotmail.com **Category:** Graphene	Editing

	Facility: EMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	
105	**Title:** Infrared Study of Magneto-Plasmons in Graphene **First Author:** Yan, H, IBM, hyan@us.ibm.com **PI:** Avouris, P, IBM, avouris@us.ibm.com **Category:** Graphene **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	Editing
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