

List of Publications 2014

- [1] B. Albertazzi, A. Ciardi, M. Nakatsutsumi, T. Vinci, J. Béard, R. Bonito, J. Billette, M. Borghesi, Z. Burkley, S. N. Chen, T. E. Cowan, T. Herrmannsdörfer, D. P. Higginson, F. Kroll, S. A. Pikuz, K. Naughton, L. Romagnani, C. Riconda, G. Revet, R. Riquier, H.-P. Schlenvoigt, I. Yu. Skobelev, A.Ya. Faenov, A. Soloviev, M. Huarte-Espinosa, A. Frank, O. Portugall, H. Pépin, and J. Fuchs, "Laboratory formation of a scaled protostellar jet by coaligned poloidal magnetic field," *Science* **346**, 325–328 (2014).
- [2] Jack A. Alexander-Webber, Clement Faugeras, Piotr Kossacki, Marek Potemski, Xu Wang, Hee Dae Kim, Samuel D. Stranks, Robert A. Taylor, and Robin J. Nicholas, "Hyperspectral Imaging of Exciton Photoluminescence in Individual Carbon Nanotubes Controlled by High Magnetic Fields," *Nano Letters* **14**, 5194–5200 (2014).
- [3] Rami Al-Oweini, Bassem S. Bassil, Jochen Friedl, Veronika Kottisch, Masooma Ibrahim, Marie Asano, Bineta Keita, Ghenadie Novitchi, Yanhua Lan, Annie Powell, Ulrich Stimming, and Ulrich Kortz, "Synthesis and Characterization of Multinuclear Manganese-Containing Tungstosilicates," *Inorganic Chemistry* **53**, 5663–5673 (2014).
- [4] K. Andersson, M. Hammerstad, A. B. Tomter, H. Hersleth, A. K. Rohr, G. Zoppellaro, N. H. Andersen, G. K. Sandvik, G. E. Nilsson, A. Anne-Laure Barra, M. Hogbom, and A. Graslund, "Studies of the tyrosyl radicals and metal clusters in R2 of class Ia and Ib ribonucleotide reductase," *Journal Of Biological Inorganic Chemistry* **19**, S266 (2014).
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- [6] Alain Audouard and Jean-Yves Fortin, "Recent developments in the determination of the amplitude and phase of quantum oscillations for the linear chain of coupled orbits," *Low Temperature Physics* **40**, 344–351 (2014).
- [7] A. Audouard, J.-Y. Fortin, V. N. Laukhin, D. Vignolles, T. G. Prokhorova, E. B. Yagubskii, and E. Canadell, "De Haas-van Alphen oscillations in the compensated organic metal α -'pseudo- κ '-(ET) $_4$ H $_3$ O[Fe(C $_2$ O $_4$) $_3$](C $_6$ H $_4$ Br $_2$)," *European Physical Journal B* **87**, 200 (2014).
- [8] O.I. Aydin, M. Mouis, A. Cresti, B.A. Piot, T. Hallam, J.L. Thomassin, and G.S. Duesberg, "Low temperature characterization of CVD graphene devices fabricated with a scalable process route," in *Low Temperature Electronics (WOLTE), 2014 11th International Workshop on* (2014) pp. 89–92.
- [9] Prasenjit Bag, Joydeb Goura, Valeriu Mereacre, Ghenadie Novitchi, Annie K. Powell, and Vadapalli Chandrasekhar, "Synthesis, magnetism and Mossbauer studies of tetranuclear heterometallic $\{\text{Fe}_2^{\text{III}}\text{Ln}_2\}$ (Ln = Gd, Dy, Tb) complexes: evidence of slow relaxation of magnetization in the terbium analogue," *Dalton Trans.* **43**, 16366–16376 (2014).
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