# D. L. Huber - Publications 2002 – 2007

1. Electron spin resonance linewidth, susceptibility, and conductivity in doped manganites, D. L. Huber, D. Llaura-Ccahuana, M. Tovar and M. T. Causa, J. Mag. Mag. Mater. (to be published) (ICM 2006 conference paper).

2. Localized exciton states in π-conjugated polymers with finite torsion, I. Avgin, M. Winokur, and D. L. Huber, J. Lumin. (to be published) (invited festschrift contribution).

3. Excitons in disordered polymers, I. Avgin and D. L. Huber, J. Lumin. **122-123**, 389 (2007) (invited paper).

4. Quantum statistical physics: a new approach, U. F. Edgal and D. L. Huber, Physica A **362**, 295 (2006).

5. Chain conformations and photoluminescence of poly(di-n-octylfluorene), W. Chunwaschirasiri, B. Tanto, D. L. Huber and M. J. Winokur, Phys. Rev. Lett. **94**, 107402 (2005).

6. Fluctuating field model for conduction electron spin resonance in graphite, D. L. Huber, R. R. Urbano, M. S. Sercheli and C. Rettori, Phys. Rev. B **70**, 125417 (2004).

7. Free energy of multicomponent systems employing NNPDF's, U. F. Edgal and D. L. Huber, J. Phys. Chem. B **108**, 13777 (2004).

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13. Step-induced magnetic hysteresis anisotropy in ferromagnetic thin films, D. Zhao, F. Liu, D. L. Huber and M. G. Lagally, J. Appl. Phys. **91**, 3150 (2002).

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Career totals: 300+ papers; 3000+ citations.