List of Publications (2013)

Publications based on TLS Experiments

主導性之 SCI 論文

1. M.-J. Deng*(鄧名傑), P.-J. Ho, C.-Z. Song, S.-A. Chen(陳興安), J.-F. Lee(李志甫), J.-M. Chen*(陳錦明), and K.-T. Lu*(盧桂子) , "*Fabrication of Mn/Mn Oxide Core-Shell Electrodes with Three-dimensionally Ordered Macroporous Structures for High-capacitance Supercapacitors* ", Energ. Environ. Sci. **6** , 2178 (2013) . (I.F.=11.653) ★

2. M.-T. Lee*(李明道), T.-L. Sun, W.-C. Hung*, and H. W. Huang* , "*Process of Inducing Pores in Membranes by Melittin* ", P. Natl. Acad. Sci. USA **110** , 14243 (2013) . (I.F.=9.737) ★

3. Y.-J. Wu*(吳宇中), H. F. Chen, S.-J. Chuang(莊翔竣), and T.-P. Huang(黃自平) , "*Far Ultraviolet Absorption Spectra of N_3 and N_2^+ Generated by Electrons Impacting Gaseous N_2* ", Astrophys. J. **779** , 40 (2013) . (I.F.=6.733) ★

4. Y.-J. Wu*(吳宇中), H.-F. Chen, S.-J. Chuang(莊翔竣), and T.-P. Huang(黃自平) , "*Ultraviolet and Infrared Spectra of Electron-bombarded Solid Nitrogen and Methane Diluted in Solid Nitrogen* ", Astrophys. J. **768** , 83 (2013) . (I.F.=6.733) ★

5. Y.-J. Hsu*(許瑤真), Y.-L. Lai(賴玉鈴), C.-H. Chen(陳家浩), Y.-C. Lin, H.-Y. Chien, J.-H. Wang*, T.-N. Lam, Y.-L. Chan(陳悅來), D. H. Wei(魏德新), H.-J. Lin(林宏基), and C.-T. Chen(陳建德) , "*Enhanced Magnetic Anisotropy via Quasi-molecular Magnet at Organic-ferromagnetic Contact* ", J. Phys. Chem. Lett. **4** , 310 (2013) . (I.F.=6.585) ★

6. Y.-J. Chen, Y.-H. Hsieh, S.-C. Liao, Z. Hu, M.-J. Huang(黃孟傑), W.-C. Kuo, Y.-Y. Chin(秦伊瑩), T.-M. Uen, J.-Y. Juang, C.-H. Lai, H.-J. Lin*(林宏基), C.-T. Chen(陳建德), and Y.-H. Chu*(朱英豪) , "*Strong Magnetic Enhancement in Self-assembled Multiferroic-ferrimagnetic Nanostructures* ", Nanoscale **5** , 4449 (2013) . (I.F.=6.233) ★

7. F. Taufany, C.-J. Pan, F.-J. Lai, H.-L. Chou, L. S. Sarma, J. Rick, J.-M. Lin(林智敏), J.-F. Lee(李志甫), M.-T. Tang(湯茂竹), and B.-J. Hwang*(黃炳照) , "*Relating the Composition of Pt_xRu_{100-x}/C Nanoparticles to Their Structural Aspects and Electrocatalytic Activities in the Methanol Oxidation Reaction* ", Chem.-Eur. J. **19** , 905 (2013) . (I.F.=5.831) ★

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9. W.-H. Chang, S.-Y. Wu, C.-H. Lee, T.-Y. Lai, Y.-J. Lee, P. Chang, C.-H. Hsu*(徐嘉鴻), T.-S. Huang, J. R. Kwo, and M. H. Hong*(洪銘輝) , "*Phase Transformation of Molecular Beam Epitaxy-grown Nanometer-thick Gd_2O_3 and Y_2O_3 on GaN* ", ACS Appl. Mater. Interfaces **5** , 1436 (2013) . (I.F.=5.008) ★

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11. Y.-C. Chuang(莊裕鈞), Y.-W. Li, I.-J. Hsu, G.-H. Lee, and Y. Wang*(王瑜) , "*Bond Characterization of a Unique Thiathiophthene Derivative: Combined Charge Density Study and X-ray Absorption Spectroscopy* ", Inorg. Chem. **52** , 10958 (2013) . (I.F.=4.593) ★

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合作性之 SCI 論文

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備註: 1. TLS 為 Taiwan Light Source 的縮寫，指國家同步輻射研究中心現有光源。
2. I.F. (Impact Factor) 以 2012 JCR (Journal Citation Reports) 為資料依據。
3. “★” 表中心主導性論文(主導性論文指該論文中心同仁為第一作者或通訊作者);
“☆” 表中心合作性論文(合作性論文指該論文的作者群中有中心同仁);
“◆” 表中心協助性論文(協助性論文指該論文作者群中無中心同仁，但該論文使用到同步輻射光源)
4. 資料更新日期: 2014.02.10