

蘇炯武 近期著作

C. W. Su(蘇炯武)*, S.C. Chang(張勝騏), Y.C. Chang(張硯筑), “Magneto-optic Faraday effect on spin anisotropic Co ultrathin films and post-nitridization on ZnO(002) crystal”, *SPIN* 2(4), 1250017-1~1250017-11 (2012 Dec).

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中文提要：

論文主軸以「磁光法拉第效應」論文研究超薄膜自旋結構異向性並提出解釋以及分析為本文特色。本篇論文兩位合著者張勝騏(S. C. Chang)先生以及張硯筑(Y. C. Chang)先生，為主持人所指導的優秀研究生，兩位分別於 2011 及 2009 年畢業。張硯筑先生為第一位協助設計並實踐第一組成功量測的學生，張勝騏則是成功的技術接班人，並將磁光量測實驗最佳化。本篇論文投稿過程十分波折，歷經 TSF、ASS 投稿並不成功，皆以表面平整度以及自旋異向性的結論並非在垂直方向而與文稿審查人的認知差異而屢遭退稿，最後轉而向國際新創期刊 SPIN journal(Chief editor: Stuart Parkin, World Scientific-目前尚未被 SCI 所收錄 (截至 2013 年底出刊才第 3 期)，投稿才被接受 (出版單位在刊出後(2013.3.4)約 2 個多月(2013.5.14)來信告知被下載數已達 29 次)，可見該篇論文受到一定程度之重視。其中圖 8 是利用影像技術將所獲得的光強變化進行數位化之圖案，對於隨著角度之磁光觀測具有指標性意義，為後續磁光學應用於超薄系統深入研究的關鍵前哨站論文。

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Dear Prof. SU,

We recently counted on your article, MAGNETO-OPTIC FARADAY EFFECT ON SPIN ANISOTROPIC Co ULTRATHIN FILMS AND POST-NITRIDIZATION ON ZnO(002) CRYSTAL, published in *SPIN* (Vol. 02, No. 04, December 2012) has been downloaded ** times in 2012 and 29** times in 2013.

We hope to have the privilege of reviewing and publishing your next paper.

Warm Regards,

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