

Publication List

A. International Letter:

(0 點, A 類)

- [1] Shui-Jinn Wang, Chao-Hsuing Chen, Shu-heng Chang, Kai-Ming Uang, **Chuan-Ping Juan**, Huang-Chung Cheng “Growth and Characterization of Tungsten Carbide nanowire by Thermal Annealing of Sputter-deposited WC_x Films” *Applied Physics Letters*, pp.2358-2360, Vol.85, No.12, 2004

B. International Journal:

(2 點, B 類長文)

- [1] **Chuan-Ping Juan**, Kuo-Ji Chen, Chun-Chien Tsai, Kao-Chao Lin, Wei-Kai Hong, Chen-Yu Hsieh, Wen-Pin Wang, Rui-Ling Lai, Kuei-Hsien Chen, Li-Chyong. Chen and Huang-Chung Cheng, *Jpn. J. Appl. Phys* Vol.44, No. 1A, pp.365-370, 2005.

(2 點, B 類長文)

- [2] **Chuan-Ping Juan** Chun-Chien Tsai, Kuei-Hsien Chen, Li-Chyong. Chen and Huang-Chung Cheng, “Fabrication and Characterization of lateral Field Emission Device Based on Carbon Nanotubes” *Jpn. J. Appl. Phys* Vol.44, No. 4B, pp.2612-2617, 2005.

(2 點, B 類長文)

- [3] **Chuan-Ping Juan** Chun-Chien Tsai, Kuei-Hsien Chen, Li-Chyong. Chen and Huang-Chung Cheng, “Effects of High-Density Oxygen Plasma Post-treatment on the Field Emission Characteristics of Carbon-Nanotube Field-Emission Displays” *Jpn. J. Appl. Phys* Vol.44, No. 11A, pp.8231-8236, 2005.

C. International and Local Conferences:

(0 點，國際會議)

- [1] **C.P. Juan**, C.C. Tsai , K.J. Chen , W.K. Hong, K.C. Lin , C.Y. Hsieh, W.P. Wang, R.L. Lai , H.C. Cheng “Controlled Density Growth of Carbon Nanotubes and its Improvement on Field Emission Properties”, **Asia Society for Information Display Proceeding 2004** , P420-423, East Southern University, Nanjing, China, February, 2004

(1 點，國際會議)

- [2] **Chuan-Ping Juan**, Chun-Chien Tsai, Tsung-Ying Chuang, Yao-Ren Chang, Kao-Chao Lin , Rui-Ling Lai, Kuei-Hsien Chen, Li-Chyong. Chen and Huang-Chung Cheng “Fabrication and Characterization of lateral Field Emission Device Based On Carbon Nanotubes” **International Conference on Solid State Devices and Materials 2004**, pp.604-605, Tokyo, Japan, The Japanese Journal of Applied Physics, 2004

(0 點，國際會議)

- [3] Kao-Chao Lin, **Chuan-Ping Juan**, Rui-Ling Lai, and Huang-Chung Cheng “Directional Control of Carbon Nanotubes by Oxide Capping Layer” **International Electron Devices and Materials Symposia (IEDMS)**, Hsin-Chu, Taiwan, 2004

(0 點，國際會議)

- [4] Rui-Ling Lai, Yao-Ren Chang, **Chuan-Ping Juan**, Tsung-Ying Chuang, Kao-Chao Lin, Jiun-Kai Shiu, Kuei-Hsien Chen, Li-Chyong. Chen and Huang-Chung Cheng, “Improvement of Breakdown Field of Carbon Nanotubes by a Ti-Capping Layer on Catalyst Nanoparticles” **International Conference on Solid State Devices and Materials 2005**, pp.832-833, Japan, The Japanese Journal of Applied Physics, 2005

(0 點，國際會議)

- [5] Kao-Chao Lin, Rui-Ling Lai, Yao-Ren Chang, **Chuan-Ping Juan**, Tsung-Ying Chuang, Jiun-Kai Shiu, Han-Chung Tai and Huang-Chung Cheng,” Constraining the Direction of Carbon Nanotubes by Oxide Capping Layer”, **International Conference on Solid State Devices and Materials 2005**, pp.752-753, Japan, The Japanese Journal of Applied Physics, 2005

(0 點，國內會議)

- [6] Huang-Chung Cheng, **Chuan-Ping Juan**, Kao-Chao Lin, Rui-Ling Lai, Kuo-Ji Chen, “Improvement of Field Emission Characteristics of Carbon Nanotubes by Excimer Laser” **Taiwan Display Conference 2004**, pp.381-384, Hsin-Chu, Taiwan, 國際資訊顯示學會中華民國總會,2004

(0 點，國內會議)

- [7] **C.P. Juan** , C.C. Tsai , C.K. Fu, C.Y. Hsieh, K.C. Lin ,R.L. Lai ,W.P. Wang.Y.R. Chang, T.Y. Chuang, H.C. Cheng “Improved Field Emission Characteristics of Carbon Nanotubes by High-Density-Plasma Post Treatment” **Taiwan Display Conference 2004**, pp.374-377, Hsin-Chu, Taiwan, 國際資訊顯示學會中華民國總會,2004

D. Patents

(0 點，中華民國專利)

- [1] 阮全平, 林高照, 賴瑞霖, 傅珍貴, 莊宗穎, 張耀仁, 鄭晃忠 “低溫製造具奈米碳管之電子裝置的方法” 中華民國專利申請中

其他

(0 點，國內期刊)

- [1] 阮全平, 林高照, 賴瑞霖, 謝振宇, 傅珍貴, 莊宗穎, 張耀仁, 鄭晃忠, “奈米碳管場發射顯示器” 電子月刊 109 期, 2004 年 8 月號
- [2] “CNT FED” PP. 4-12 電子資訊季刊, 第十卷第一期, 93 年 6 月