

## (A) 國外期刊論文 (期刊論文4篇)

- [1] Yi-Mu Lee, Cheng-Hsing Hsu, **Hung-Wei Chen**, “Structural, Optical, and Electrical Properties of P-type NiO Films and Composite TiO<sub>2</sub>/NiO Electrodes for Solid-State Dye-Sensitized Solar Cells”, Applied Surface Science(2008 Accepted; SCI)
- [2] Ren-Jang Wu, Cheng-Hsiu Yeh, Ming-Ru Yu, and **Hung-Wei Chen**, “Application of Taste Sensor Array to Sports Drinks by Using Impedance Measurement Technology”, Sensor Letters(2008 Accepted; SCI)
- [3] Wen-Cheng Yen, **Hung-Wei Chen\***, June 2005, “Low power and fast system wakeup circuit”, IEE Proceedings - Circuits, Devices and Systems, Vol. 152, No. 3, pp. 223-228 (SCI)
- [4] Wen-Cheng Yen, **Hung-wei Chen\***, Yu-Tong Lin, May 2004, “A Precision CMOS Power-On-Reset Circuit with Power Noise Immunity for Low-Voltage Technology”, IEICE Transaction on Electronics, VOL. E87-C No. 5, pp. 778-784, (SCI)
- [5] **H. W. Chen**, J. C. Wu, December 2001, “A Spread Spectrum Clock Generator for EMI Reduction”, IEICE Transaction on Electronics, Vol. E, No. 12, pp.1959-1966 (SCI)

## (B) 國內期刊論文 (國內期刊論文2篇)

- [1] 陳宏偉, 吳仁彰, 陳宏豪, 劉春媛, 葉政修, “電導度量測技術應用於電子舌技術的研究” 量測資訊, 2005, 1
- [2] 陳宏豪, 陳宏偉 “真空量測及查漏技術” 化工技術, 2005.1 真空技術專輯

## (C) 研討會論文 (全文8篇、摘要論文1篇)

- [1] **Hung-wei Chen**, Jing-Yu Luo, Wen-Cheng Yen, “A 1V Power Supply Operation CMOS Subbandgap Reference Using Switched Capacitors”, 18-21 May 2008, ISCAS '08. Proceedings of the 2008 International Symposium on, pp:2234-2237 (EI)
- [2] Yi-Mu Lee, I-Hsun Hsieh and **Hung-Wei Chen**, “Preparation and characterization of metal ion dopants in TiO<sub>2</sub> for solid-statedye-sensitized solar cells”, June 15-18, 2008, International MRS Beijing AAA Satellite Meeting(摘要論文)
- [3] **Hung-Wei Chen**, Jing-Yu Luo, Wen-Cheng Yen. “A Temperature-Compensation CMOS Subbandgap Reference with 1V Power Supply Operation”, August 7-10, 2007, The 18th VLSI Design&CAD Symposium.
- [4] 羅景煜, 顏文正, \*陳宏偉, 江繼哲. “1V操作之低電源電壓CMOS次帶差參考電路”, 96/3/23, 銘傳大學2007國際學術研討會
- [5] 江繼哲, 顏文正, \*陳宏偉, 羅景煜. “低輸出電壓之CMOS帶差參考電路”, 96/3/23, 銘傳大學2007國際學術研討會
- [6] **Hung-Wei Chen**, Ren-Jang Wu, Horn-Haw Chen, Chuen-Yuan Liu, Cheng-Hsiu Yeh “The application of conductivity on the electronic tongue”, May 28-30, 2005, CNNA 2005, pp. 19-22 (EI)

- [7] **Hung-Wei Chen**, Ren-Jang Wu, and Chin-Hsun Chen, “Use of Principal Component Analysis with Conductivity Measurement for Taste Sensors” May 4-5, 2005, The 12th Symposium on Nano Device Technology (SNDT 2005)
- [8] **Hung-wei Chen**, Wen-Cheng Yen, “A Low Power and Fast Wake Up Circuit”, May 23-26, 2004, ISCAS '04. Proceedings of the 2004 International Symposium on , Pages:II - 293-6 Vol.2 (EI)
- [9] **Hung-Wei Chen**, Ren-Jang Wu, Horn-How Chen, Yih-Lu Sun, “Nanomaterial Application in Electronic Tongue”, 2004 International Symposium on Nanoelectronic Circuits and Giga-scale Systems. (EI)
- [10] Wen-Cheng Yen, Yu-Tong Lin, **Hung-wei Chen**, September 1- 4, 2003, “A Precision CMOS Double-Sided Power-On-Reset Circuit for the 1.8V Power Supply,” in ECCTD '03 European Conference on Circuit Theory and Design, p.p. 125-128 Vol. II. (EI)