

## 一、 期刊論文

1. Yih-Min Chen, "A Low-Rate Wireless Spread-Spectrum Communication Technique using Linear Step FM Signal," International Journal of Advancements in Communication Technologies, pp. 41-44, Sept. 2014.
2. Yih-Min Chen, "Design of Farrow Interpolator for OFDM Receivers with Asynchronous Sampling," International Journal of Electrical Engineering, April 2013.
3. Yih-Min Chen, I-Yuan Kuo, "Digital Front-End Design for OFDM Receivers with Synchronous IF Sampling," The International Journal of Electrical Engineering, Oct. 2008.

## 二、 研討會論文

1. Yih-Min Chen\*, Shin-Chi Liao, and Ying-Chang Chen, "Implementation of a Low-Rate Linear Step FM Transceiver on a Software Defined Radio Platform," 8th EAI International Conference on Wireless and Satellite Systems, Sept. 2016, Cardiff, Great Britain.
2. Yih-Min Chen, "A Low-Complexity Digital Demodulator for Low-Rate Chirp Spread-Spectrum Communications," Annual Conference on Engineering and Information Technology, March 2015, Osaka, Japan.
3. Yih-Min Chen, "A Low-Rate Wireless Spread-Spectrum Communication Technique using Linear Step FM Signal," 2014 International Conference on Advances in Information Processing and Communication Technology, Rome, Italy.
4. Yih-Min Chen, "A Simple Carrier Synchronizer for DVB-S2 Signals using Polar Decision-Directed Phase Error Estimator," 2014 IEEE 11th Vehicular Technology Society Asia Pacific Wireless Communications Symposium, Kenting, Taiwan.
5. 陳逸民、賴群嵐、蘇文軍, "時變通道環境下 LTE 下行鏈路系統通道估測之 FPGA 實現", National Symposium on Telecommunications 2013, Tainan, Taiwan.
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10. 陳逸民, 許欣哲, 賴群嵐, "合成孔徑雷達基頻接收機之 FPGA 設計與實現," National Symposium on Telecommunications 2012, Nov 16-17, 2012.
11. Yih-Min Chen, Hsin-Yin Wu, Mong-Yo Lu, "Decision-Directed Polynomial Model-Based Channel Estimation for OFDM Systems with Scattered-Pilots," 12th International Conference on ITS Communications, Nov.5-8, 2012.
12. 陳逸民, 廖耕德, 徐銘言, "MISO OFDM 通道估測與等化之改善," National Symposium on Telecommunications 2011, Nov. 18-19, 2011.
13. 陳逸民, 吳崇璋, 許欣哲, "高速行動環境下正交分頻多工系統中基於編碼決策指引反覆式子載波間干擾減抑之技術," National Symposium on Telecommunications 2011, Nov. 18-19, 2011.

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16. Yih-Min Chen, Pin-Han Wen, “Design and FPGA Implementation of a Configurable Multi-Rate QC-LDPC Decoder with Raster Scanning Architecture,” The 7th IEEE VTS Asia Pacific Wireless Communications Symposium 2010, May20-21, 2010.
17. Yih-Min Chen,Wei-Dun Peng,Wen-Yu Huang, “FPGA Impelementation of 3780/2048/4096/8192 Fast Fourier Transform,” National Symposium on Telecommunications 2009, Kaohsiung, Taiwan.
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21. Wei-Cheng Lin, Yih-Min Chen, and Wei-Ya Huang, “Comparison of Some Simple Diversity Reception Schemes for DVB-T in Mobile Environment,” National Symposium on Telecommunications 2008, Yunlin, Taiwan.
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### 三、 專利

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