

*歐陽源助理教授

所有發表期刊論文及研討會論文

1. Chin-Liang Wang, **Yuan Ouyang** and Ming-Yen Hsu, "Low-complexity SLM and PTS schemes for PAPR reduction in OFDM systems," *IEICE Transactions on Communications*, vol. E92-B, no. 7, pp. 2420-2425, Jul. 2009. (SCI)
2. **Yuan Ouyang**, Mang Ou-Yang, and Hou-Cheng Chou, "Self-calibration of the phase-shifting adapter for Fizeau interferometers," *Optical Review*, vol. 16, no. 4, pp. 495-499, Jul. 2009. (SCI)
3. Mang Ou-Yang, Ching-Wen Chou and **Yuan Ouyang**, "Optimized design and analysis of dual-lamp illumination modules compatible with existing projector systems," *Optical Engineering*, vol. 47, no. 7, pp. 073001-1-12, Jul. 2008. (SCI)
4. Chin-Liang Wang and **Yuan Ouyang**, "Low-complexity selected mapping schemes for peak-to-average power ratio reduction in OFDM systems," *IEEE Transactions on Signal Processing*, vol. 53, pp. 4652-4660, Dec. 2005. (SCI)
5. **Yuan Ouyang** and Chin-Liang Wang, "A new carrier recovery loop for high-order quadrature amplitude modulation," *IEICE Transactions on Communications*, vol. E88-B, no.11, pp.4250-4258, Nov. 2005. (SCI)

Conference Papers:

1. **Yuan Ouyang**, Wei-Ju Chen, and Sheng-Han Wu, "Channel Estimation for MIMO-OFDM Systems Using a Novel STBC Pilot Pattern," *the 4th International High Speed Intelligent Communication (HSIC2012)*, Nanjing, China, May 2012.
2. **Yuan Ouyang** and Wei-Ju Chen, "PAPR reduction with new SFBC structures for MIMO-OFDM systems," *the 7th IEEE VTS Asia Pacific Wireless Communications Symposium (APWCS)*, Kaohsiung, Taiwan, May 2010.
3. **Yuan Ouyang**, "Peak-to-average power ratio reduction by cross-antenna translation for SFBC MIMO-OFDM systems," in *Proceedings of the 2009 IEEE Vehicular Technology Conference - Spring (VTC2009-Spring)*, Barcelona, Spain, Apr. 2009, pp. 1-4.
4. **Yuan Ouyang**, Mang Ou-Yang, and Hou-Cheng Chou, "Self-calibration of the phase-shifting adapter for Fizeau interferometers," in *Proceedings of the 6th International Conference on Optics-Photonics Design and Fabrication*, Taipei, Taiwan, June 2008, pp. 509-510.
5. Chin-Liang Wang, **Yuan Ouyang**, and Feng-Hsing Huang, "A low-complexity peak-to-average power ratio reduction technique for OFDM systems using guided scrambling coding," in *Proceedings of the 2007 IEEE Vehicular Technology Conference - Spring(VTC2007-Spring)*, Dublin, Ireland, Apr. 2007, pp. 2837-2840.
6. Chin-Liang Wang and **Yuan Ouyang**, "A low-complexity selected mapping scheme for peak-to-average power ratio reduction in OFDM systems,"

- in *Proceedings of the 2004 IEEE Vehicular Technology Conference - Fall (VTC2004-Fall)*, Los Angeles, CA, Sept. 2004, pp. 665-668.
7. Chin-Liang Wang, **Yuan Ouyang**, and Hsien-Chih Chen, "A low-complexity peak-to-average power ratio reduction technique for OFDM-based systems," in *Proceedings of the 2004 IEEE Vehicular Technology Conference - Fall (VTC2004-Fall)*, Los Angeles, CA, Sept. 2004, pp. 4380-4384.
 8. **Yuan Ouyang** and Chin-Liang Wang, "A new symbol time estimator for orthogonal frequency division multiplexing systems," in *Proceedings of the 2003 IEEE Global Telecommunications Conference (GLOBECOM 2003)*, San Francisco, CA, Dec. 2003, pp. 2300-2304.
 9. Chin-Liang Wang, Min-Yen Hsu, and **Yuan Ouyang**, "A low-complexity peak-to-average power ratio reduction technique for OFDM systems," in *Proceedings of the 2003 IEEE Global Telecommunications Conference (GLOBECOM 2003)*, San Francisco, CA, Dec. 2003, pp. 2375-2379.
 10. Chin-Liang Wang, **Yuan Ouyang**, and Hsien-Chih Chen, "A peak-to-average power ratio reduction technique for the 802.11a wireless LAN," in *Proceedings of the 2003 IEEE Vehicular Technology Conference - Fall (VTC2003-Fall)*, Orlando, FL, Oct. 2003, pp. 2287-2291.
 11. **Yuan Ouyang** and Chin-Liang Wang, "A new carrier recovery loop for high-order quadrature amplitude modulation," in *Proceedings of the 2002 IEEE Global Telecommunications Conference (GLOBECOM 2002)*, Taipei, Taiwan, Nov. 2002, pp. 478-482.

12. **Yuan Ouyang**, H. Peng, P. H. Chen, and C. C. Lo, "Registration of multimodality medical image via minimizing conditional entropy", in *Proceedings of Chinese BMES'96 Conference*, Taipei, Taiwan, May 1996.