

五、論文著述：

A1. 期刊論文

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2. **Ye-Shun Shen**, Fang-Biau Ueng and Chin-Yang Kung, 2019, “Novel Detectors for Massive MU-MIMO Communications”, *IETE Journal of Research Engineers*. (SCI)
article: <https://doi.org/10.1080/03772063.2019.1615390>.
3. **Ye-Shun Shen**, Fang-Biau Ueng and Kuan-Hung Wu, 2019, “A Pipelined Turbo Receiver for MU-MIMO Communication Systems”, *IETE Journal of Research*. (SCI)
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5. Yu-Kuan Chang, Fang-Biau Ueng, **Ye-Shun Shen** and Cheng-Hui Liao, 2019, “Joint channel estimation and turbo equalisation for MIMO-OFDM-IM systems”, *International Journal of Electronics*. (SCI)
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6. Yu-Kuan Chang, Fang-Biau Ueng, **Ye-Shun Shen** and Chih-Yuan Liao, 2019, “Joint Kalman Channel Estimation and Turbo Equalization for MIMO OFDM Systems over Fast Fading Channels”, *KSII Transactions on Internet and Information systems*. (SCI)
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9. Wei-Liang Sung, Yu-Kuan Chang, Fang-Biau Ueng and **Ye-Shun Shen**, 2015, “A New SAGE-Based Receiver for MC-CDMA Communication Systems”, *Wireless Personal Communications*, Vol.85, No.3, pp.1617-1634. (SCI)
10. Jun-Da Chen and **Ye-Shun Shen**, 2013, “Adaptive Constrained CM-based Multicarrier-CDMA Receivers in Multipath Fading Channels”, *EURASIP Journal on Wireless Communication and Networking*. (SCI)
article: <https://doi.org/10.1186/1687-1499-2013-273>.
11. **Ye-Shun Shen**, Fang-Biau Ueng, and L. D. Jeng, 2011, “A New Time-Hopping /Direct-Sequence Biorthogonal PPM UWB Communication System”, *EURASIP Journal on Wireless Communication and Networking*, EURASIP JWCN/394692 (SCI)
12. **Ye-Shun Shen**, and Fang-Biau Ueng, 2011, “Performance analysis of a TH/DS N-ary BPPM UWB system”, *European Transaction on Telecommunications*, Vol.22, Issue 7, pp.407–414. (SCI)
13. **Ye-Shun Shen**, Fang-Biau Ueng, Jun-Da Chen and S. T. Huang, 2010, “A high-capacity TH multiple-access UWB system with performance analysis”, *IEEE Transactions on Vehicular Technology*, Vol. 59, No. 2, pp. 742-753. (SCI)

B1. 國際(含中國大陸)研討會論文

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2. Ye-Shun Shen, Fang-Biau Ueng, Wei-Liang Sung, Chiang-Chun Lee and Hsien-Chi Chang, “Iterative Data Detection for Multi-Carrier Communications in Multipath Channels”, *2014 International Conference on Information Science, Electronics and Electrical Engineering*, Sapporo City, Hokkaido, Japan, April 26-28, 2014.
 3. Hsuan-Fu Wang, Ye-Shun Shen, Jui-Chi Chang and Fang-Biau Ueng, “Turbo OFDM-CDMA Receiver with Varying Stepsize in Multipath Fading Channels, *IEEE Global Conference on Consumer Electronics (GCCE 2013)*, Tokyo, Japan, October 1-4, 2013.
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 10. Y. S. Shen, F. B. Ueng, J. D. Chen, and S. T. Huan, “A performance analysis of the high-capacity TH multiple access UWB System using PPM”, *IEEE International Symposium on Personal, Indoor and Mobile Radio Communications*, Tokyo, Japan, September 13-16, 2009.