＊黎明富副教授
所有發表期刊論文、專書及研討會論文

1. Mingfu Li, Yu-Shuo Chang, "Presentation Deadline-Based Transmission Mechanism for IPTV Services over Wireless Networks," *Journal of Internet Technology*, Vol. 18, No. 6, pp. 63-74, Nov. 2017. (SCI: 1.930, Rank: 39/89)

2. Mingfu Li, "Queueing Analysis of Unicast IPTV With Adaptive Modulation and Coding in Wireless Cellular Networks," *IEEE Trans. on Vehicular Technology*, Vol. 66, No. 10, pp. 9241-9253, Oct. 2017. (SCI: 4.066, Rank: 10/89)

3. Mingfu Li, Liang-Wei Chen, "Spectrum Allocation Algorithms for Wireless Cellular Networks Supporting Mobile IPTV," *Computer Communications*, Vol. 99, pp. 119-127, Feb. 2017. (SCI: 3.338, Rank: 23/146)

4. Mingfu Li, Chen-Yu Lee, "A Cost-Effective and Real-Time QoE Evaluation Method for Multimedia Streaming Services," *Telecommunication Systems*, Vol. 59, No. 3, pp. 317-327, Jul. 2015. (SCI: 1.542, Rank: 53/89)

5. Mingfu Li, Hung-Ju Lin, "Design and Implementation of Smart Home Control Systems Based on Wireless Sensor Networks and Power Line Communications," *IEEE Trans. on Industrial Electronics*, Vol. 62, No. 7, pp. 4430-4442, Jul. 2015. (SCI: 7.168, Rank: 1/60)

6. Mingfu Li, "Analysis of Blocking Rate and Bandwidth Usage of Mobile IPTV Services in Wireless Cellular Networks," *Scientific World Journal*, Vol. 2014, Article ID 215710, 9 pages, 2014. (SCI: 1.219 Rank: 16/55)

7. Mingfu Li, "QoE-Based Performance Evaluation for Adaptive Media Playout Systems," *Advances in Multimedia*, Vol. 2013, Article ID 152359, 7 pages, 2013, EI.

8. Mingfu Li, Yueh-Lin Wu, Chia-RongChang, "Available Bandwidth Estimation for the Network Paths With Multiple Tight Links and Bursty Traffic," *Journal of Network and Computer Applications*, Vol. 36, No. 1, pp. 353-367, Jan. 2013. (SCI: 3.500, Rank: 6/106)

9. Mingfu Li, Tsung-Wei Lin, Shih-Han Cheng, "Arrival Process-Controlled Adaptive Media Playout With Multiple Thresholds for Video Streaming," *Multimedia Systems*, Vol. 18, No. 5, pp. 391-407, Oct. 2012. (SCI: 2.207, Rank: 26/104)

10. Mingfu Li, Hsun-Hao Yang, "CEA: A Cyclic Expansion Algorithm for data

migration in parallel video servers," *Journal of Parallel and Distributed Computing*, Vol. 72, Issue 7, pp. 868-879, July 2012. (SCI: 1.930, Rank: 34/104)

11. Mingfu Li, Chun-Huei Wu, "A Cost-Effective Resource Allocation and Management Scheme for Content Networks Supporting IPTV Services," *Computer Communications*, Vol. 33, Issue 1, pp. 83-91, Jan. 2010. (SCI: 3.338, Rank: 23/146)

12. Mingfu Li, Chia-Shu Liao, and Jeng-Kuang Hwang, "**Rapid Calculation of Time Deviation and Modified Allan Deviation for Characterizing Telecommunications Clock Stability**,"*ACTA Press ,International Journal of Computers and Applications*, Vol. 30, No. 2, pp. 92-96, 2008. (EI)

13. Jeng-Ji Huang, Wei-ting Wang, Mingfu Li, David Shiung, Huei-Wen Ferng, "Intersystem Interference Reduction for Overlaid HAPS-Terrestrial CDMA System," *IEICE Transaction on Communications*, Vol. E91-B, No. 1, pp. 334-338, Jan. 2008. (SCI)

14. Mingfu Li, Chia-Shu Liao, Hsin-Min Peng and Jeng-Kuang Hwang, "MTIE and TDEV Analysis of Unevenly Spaced Time Series Data, "*ACTA Press , International Journal of Modelling and Simulation* , Vol. 26, No. 4, pp. 303-308, 2006. (EI)

15. Mingfu Li, Chia-Shu Liao and Jeng-Kuang Hwang, "Fast Computation of Maximum Time Interval Error for Telecommunications Clock Stability Characterization, " *IEEE Transactions on Instrumentation and Measurement,* Vol. 54, No. 1, pp. 278-283, February 2005.(SCI)

16. 黎明富 ， 廖嘉旭 ， "電信同步量測系統之開發與可行性評估 ， " *電信研究雙月刊,* 第 34 卷第 6 期 , pp. 633-648, December 2004.

17. Jiang-Lin Shi Chia-Lu Ho, Mingfu Li , and Chia-Shu Liao, "Two-way Time and Frequency Transfer using SONET/SDH, " *ACTA Press , International Journal of Modelling and Simulation* , Vol. 22, No. 4, pp. 225-230, 2002. (EI)

18. Mingfu Li and Zsehong Tsai, "A Traffic Shaper for Supporting CBR and VBR Services in ATM Networks, "*Performance Evaluation* , Vol. 42, Issue 4, pp. 243-264, November 2000. (SCI)

19. Mingfu Li and Zsehong Tsai, "Design and Analysis of the GCRA Traffic Shaper for VBR Services in ATM Networks, " *IEICE Transactions on Communications* , Vol. E81-B, No. 3, pp. 511-519, March 1998. (SCI)

20. Mingfu Li and Zsehong Tsai, "Performance of a Window-Based Token Protocol Supporting ATM-Like Bursty Traffic, " *IEICE Transactions on*

Communications , Vol. E81-B, No. 3, pp. 525-536, March 1998. (SCI)

21. Mingfu Li and Zsehong Tsai, "Output Process Characterization for Token Ring Networks Supporting Two Priorities,"*Computer Communications*, Vol. 20, Issue 14, pp. 1280-1291, December 1997. (SCI)

22. Mingfu Li and Zsehong Tsai, "Deterministic Performance Bounds in a Window-Based Token Ring Network Supporting Two Priorities, " *Journal of the Chinese Institute of Engineers* , Vol. 19, No. 5, pp. 561-574, Sept. 1996. (SCI)