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所有發表期刊論文

期刊論文：

1. **J.-M. Liang***, H.-C. Wu, J.-J. Chen, and Y.-C. Tseng, “Mini-Slot Scheduling for IEEE 802.16d Chain and Grid mesh Networks,” *Computer Communications*, Vol. 33, No. 17, pp. 2048-2056, 2010.
2. **J.-M. Liang***, J.-J. Chen, Y.-C. Wang, and Y.-C. Tseng, “A Cross-layer Framework for Overhead Reduction, Traffic Scheduling, and Burst Allocation in IEEE 802.16 OFDMA Networks,” *IEEE Trans. on Vehicular Technology*, Vol. 60, No. 4, pp. 1740 – 1755, 2011.
3. **J.-M. Liang***, Y.-C. Wang, J.-J. Chen, J.-H. Liu, and Y.-C. Tseng, “Energy-Efficient Uplink Resource Allocation for IEEE 802.16j Transparent-relay Networks,” *Computer Networks*, Vol. 55, No. 16, pp. 3705 – 3720, 2011.
4. **J.-M. Liang***, J.-J. Chen, and Y.-C. Tseng, “Scheduling Problems and Solutions in WiMAX Mesh Networks,” *Journal of Communications Research*, Vol.2, No. 3, 2011.
5. **J.-M. Liang***, J.-J. Chen, C.-W. Liu, Y.-C. Tseng, and B.-S. P. Lin, “On Tile-and-energy Allocation in OFDMA Broadband Wireless Networks,” *IEEE Communications Letters*, Vol. 15, No. 12, pp. 1284 – 1287, 2011.
6. **J.-M. Liang***, J.-J. Chen, H.-H. Cheng, and Y.-C. Tseng, “An Energy-Efficient Sleep Scheduling with QoS Consideration in 3GPP LTE-Advanced Networks for Internet of Things,” *IEEE Journal on Emerging and Selected Topics in Circuits and Systems*, vol. 3, No. 1, pp. 13-22, 2013.
7. H.-S. Huang, T.-C. Su, **J.-M. Liang**, Y.-C. Tseng, and Y.-C. Wang, “A Dynamic Reservation Scheme based on Online Charging System with Family Shared Plan,” *International Journal of Science and Engineering*, vol.4 no.4, p.p. 53-57, 2014.
8. J.-J. Chen, Z.-X. Jiang, Y.-L. Chen, W.-T. Wu, and **J.-M. Liang**, “Design and Realization of an NFC-driven Smart Home System to Support Intruder Detection and Social Network Integration,” *Journal of Electronic Science and Technology*, vol. 13, no. 2, pp. 163-168, March, 2015.
9. **J.-M. Liang***, J.-J. Chen, P.-C. Hsieh, and Y.-C. Tseng, “Two-Phase Multicast DRX Scheduling for 3GPP LTE-Advanced Networks,” *IEEE Trans. on Mobile Computing*, vol. 15, no. 7, pp. 1839-1849, 2016.

會議論文：

1. J.-J. Chen, **J.-M. Liang**, and Y.-C. Tseng, “An Energy Efficient Sleep Scheduling Considering QoS Diversity for IEEE 802.16e Wireless Networks,” *IEEE International Communications Conference (ICC'10)*, 2010.
2. **J.-M. Liang**, Y.-C. Wang, J.-J. Chen, J.-H. Liu, and Y.-C. Tseng, “Efficient Resource Allocation for Energy Conservation in Uplink Transmissions of IEEE

- 802.16j Transparent Relay Networks,” *IEEE/ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWiM’10)*, 2010.
3. **J.-M. Liang**, P.-C. Hsieh, J.-J. Chen, and Y.-C. Tseng, “Energy-Efficient DRX Scheduling for Multicast Transmissions in 3GPP LTE-Advanced Wireless Networks,” *IEEE Wireless Communications Networking Conference (WCNC’13)*, 2013.
 4. H.-S. Huang, **J.-M. Liang**, J.-J. Chen, and Y.-C. Tseng, “Sleep Scheduling in IEEE 802.16j Relay Networks,” *IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC’13)*, pp. 2951-2955, Sept. 2013.
 5. C.-S. Fan, **J.-M. Liang**, Y.-T. Lin, K.-R. Wu, K.-Y. Li, T.-Y. Lin, and Y.-C. Tseng, “A Survey of Intelligent Video Surveillance Systems: History, Applications and Future,” *International Computer Symposium (ICS’14)*, 2014.
 6. H.-S. Huang, T.-C. Su, **J.-M. Liang**, Y.-C. Tseng, "A Dynamic Reservation Scheme in Online Charging System for Family Shared Plan," *IEEE Wireless Communications Networking Conference (WCNC’15)*, pp. 2279-2284, March 2015.
 7. K.-Y. Li, **J.-M. Liang***, C.-S. Fan, Y.-C. Tseng, Y.-T. Lin, K.-R. Wu, T.-Y. Lin, “A Web-based Camera Dispatch System for Video Surveillance with Dynamic Requirements,” *IEEE/ACM International Conference on Information Processing in Sensor Networks (IPSN’15)*, p.p. 384-385, April 2015. (demo paper)
 8. L. Sharma, S.-L. Wu, **J.-M. Liang**, “Power-Efficient Communication Strategy for Wi-Fi Aware Technology,” *International Computer Symposium (ICS’16)*, 2016.
 9. P.-Y. Chang, **J.-M. Liang**, J.-J. Chen, K.-R. Wu, Y.-C. Tseng, etc., “Massive Connectivity and Small Data Issues for M2M/IoT Communications,” *IEEE Vehicular Technology Society Asia Pacific Wireless Communications Symposium (APWCS’16)*, 2016.
 10. P.-Y. Chang, **J.-M. Liang**, J.-J. Chen, K.-R. Wu, Y.-C. Tseng, “Spatial and Temporal Aggregation for Small Data Aggregation in LTE-M networks,” *IEEE Wireless Communications Networking Conference (WCNC’17)*, 2017.