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所有發表期刊論文

**A. Journal Papers:**

1. Yao.-Kun. Chen, Huang Chang Lee, and Shyue-Win Wei, "Modified successive interference cancellation for OFDM signal detection," *IEICE Transactions on Communications*, vol.E91-B, no. 12, pp. 4027-4029, Dec. 2008. (SCI, EI)
2. Huang Chang Lee, Chao-Wei Chen, and Shyue-Win Wei, "Channel estimation for OFDM system with two training symbols aided and polynomial fitting," *IEEE Transactions on Communications*, vol.58, no. 3, pp. 733-736, Mar. 2010. (SCI, EI)
3. Huang-Chang Lee, Yeong-Luh Ueng, Shan-Ming Yeh, and Wen-Yen Weng, "Two informed dynamic scheduling strategies for iterative LDPC decoders," *IEEE Transactions on Communications*, vol.61, no. 3, pp. 886-896, Mar. 2013. (Full Paper, SCI, EI)
4. Yeong-Luh Ueng, Bo-Jhang Yang, Chung-Jay Yang, Huang-Chang Lee, and Jeng-Da Yang, "An efficient multi-standard LDPC decoder design using hardware-friendly shuffled decoding," *IEEE Transactions on Circuits and Systems I-Regular Papers*, vol.60, no. 3, pp. 743-756, Mar. 2013. (Full paper, SCI, EI)
5. Chung-Chao~Cheng, Jeng-Da Yang, Huang-Chang Lee, Chia-Hsiang Yang, and Yeong-Luh Ueng, "A fully-parallel LDPC decoder Architecture using probabilistic min-sum algorithm for high-throughput applications," *IEEE Transactions on Circuits and Systems I-Regular Papers*, vol.61, no. 9, pp. 2738-2746, Sep. 2014. (Full paper, SCI, EI)
6. Huang-Chang Lee and Yeong-Luh Ueng, "LDPC decoding scheduling for faster convergence and lower error floor," *IEEE Transactions on Communications*, vol.62, no. 9, pp. 3104-3113, Sep. 2014. (Full Paper, SCI, EI)
7. Shiu-Hao Kuo, Huang-Chang Lee, Yeong-Luh Ueng, and Mao-Chao Lin, "A construction of physical-layer systematic raptor codes based on protographs," *IEEE Communications Letters*, vol. 19, no. 9 pp. 1476-1479 Sep. 2015

**B. Conference Papers:**

1. Huang Chang Lee, Chao-Wei Chen, Sheng-Min Young, and Shyue-Win Wei, "Matrix channel estimation for OFDM systems with two training symbols and high-order polynomial fitting," in *Proc. 18th IEEE Annual International Symposium on Personal Indoor and Mobile Radio Communications (PIMRC 2007)*, Athens, Greece, 3-6 Sept. 2007. (EI)

2. Yao-Kun Chen, Huang Chang Lee, Jing-Jyun You, and Shyue-Win Wei, "Less complexity successive interference cancellation for OFDM system," in Proc. 18th IEEE Annual International Symposium on Personal Indoor and Mobile Radio Communications (PIMRC 2007), Athens, Greece, 3-6 Sept. 2007. (EI)
3. Yen-Ming Chen, Huang-Chang Lee, Yeong-Luh Ueng, and Chin-Yun Yeh, "Flooding-assisted informed dynamic scheduling for rateless codes," in Proc. IEEE Wireless Communications and Networking Conference (WCNC 2012), Paris, France, 1-4 Apr. 2012. (EI)
4. Huang-Chang Lee, Yen-Ming Chen and Yeong-Luh Ueng, "Incremental decoding with informed dynamic schedule and flooding refresh for rateless codes," in Proc. 2013 IEEE Taiwan/Hong Kong Joint Workshop on Information Theory and Communications, Hong Kong, 19-20 Jan. 2013.
5. Huang-Chang Lee, Chih-Wei Chan, Yeong-Luh Ueng, and Yen-Ming Chen, "Generator matrix design and degree-oriented scheduling for the fast convergence of rateless codes," in Proc. IEEE Wireless Communications and Networking Conference (WCNC 2013), Shanghai, China, 7-10 Apr. 2013. (EI)
6. Yen-Ming Chen, Chia-Wei Chen, Yeong-Luh Ueng, and Huang-Chang Lee, "Look-up table based differential amplitude/phase modulation schemes for Rayleigh block fading channels," in Proc. IEEE 78th Vehicular Technology Conference (VTC2013-Fall), Las Vegas, USA, 2-5 Sept. 2013. (EI)
7. Yen-Ming Chen, Hao-Lun Lo, Yeong-Luh Ueng, and Huang-Chang Lee, "A cooperative system using an adaptive relaying protocol and rateless codes," in Proc. IEEE 78th Vehicular Technology Conference (VTC2013-Fall), Las Vegas, USA, 2-5 Sept. 2013. (EI)
8. Huang-Chang Lee and Yeong-Luh Ueng, "Informed dynamic schedules for LDPC decoding using belief propagation," in Proc. 24th IEEE Annual International Symposium on Personal Indoor and Mobile Radio Communications (PIMRC 2013), London, UK, 8-11 Sept., 2013. (EI)
9. Huang-Chang Lee, Chung-Chao Cheng and Yeong-Luh Ueng, "Hardware-friendly probabilistic min-sum algorithm for fully-parallel LDPC decoders," in Proc. 8th International Symposium on Turbo Codes & Iterative Information Processing (ISTC), Bremen, Germany, 18-22 Aug. 2014. (EI).
10. Huang-Chang Lee, Guan-Xuan Huang, Chung-Hsuan Wang and Yeong-Luh Ueng, "Iterative soft-decision decoding of Reed-Solomon codes using informed dynamic

scheduling,” in Proc. 2015 IEEE International Symposium on Information Theory (ISIT), Hong Kong, 14-19 June, 2015. (EI)

11. Huang-Chang Lee, Yen-Ming Chen, Yeong-Luh Ueng, and Jen-Yuan Hsu, “Further results on LDPC decoding scheduling for faster convergence,” submitted to International Conference on Information, Communications and Signal Processing (ICICS), December 2-4, 2015.