

*馬詠程助理教授

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1. Z. Liang, W. Zhang, and Y.-C. Ma, "Deadline-constrained clustered scheduling for VLIW architectures using power-gated register files," *ACM Transactions on Architecture and Code Optimization*, vol. 11, pp. 20:1–20:26, July 2014.
2. Y.-C. Ma, W.-S. Chao, and T.-A. Liu, "Enabling energy-proportional computing on instruction-level parallel processors," accepted by *The Journal of Supercomputing*.
3. Y.-C. Ma, C.-P. Chung, and T.-F. Chen, "Load and storage balanced posting file partitioning for parallel information retrieval," *Journal of Systems and Software*, vol. 84, no. 5, pp. 864 – 884, 2011.
4. Y.-C. Ma, T.-F. Chen, and C.-P. Chung, "Branch-and-bound task allocation with task clustering-based pruning," *Journal of Parallel and Distributed Computing*, vol. 64, no. 11, pp. 1223 – 1240, 2004.
5. Y.-C. Ma, J.-C. Chiu, T.-F. Chen, and C.-P. Chung, "Variable-size data item placement for load and storage balancing," *Journal of Systems and Software*, vol. 66, no. 2, pp. 157 – 166, 2003.
6. Y.-C. Ma, T.-F. Chen, and C.-P. Chung, "Posting file partitioning and parallel information retrieval," *Journal of Systems and Software*, vol. 63, no. 2, pp. 113 – 127, 2002.
7. Y.-C. Ma and C.-P. Chung, "A dominance relation enhanced branch-and-bound task allocation," *Journal of Systems and Software*, vol. 58, no. 2, pp. 125 – 134, 2001.
8. L.-H. Chen, L.-H. Chen, T.-Y. Wang, and Y.-C. Ma, "A multiplication-accumulation computation unit with optimized compressors and minimized switching activities," in *IEEE International Symposium on Circuits and Systems (ISCAS)*, 2005., pp. 6118–6121 Vol. 6, May 2005.
9. Y.-C. Ma, Y.-P. Chao, and T.-Y. Tsai, "Smart-clothes: Prototyping of a health monitoring platform," in *IEEE Third International Conference on Consumer Electronics Berlin (ICCE-Berlin)*, 2013., pp. 60–63, Sept 2013.
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11. T.-Y. Tsai, K.-M. You, Y.-C. Ma, and Y.-P. Chao, "CGU smart clothes platform: development of a gateway device and real-time mobile display," in *IEEE-EMBS*

International Conference on Biomedical and Health Informatics (BHI), 2014, pp. 17–20, June 2014.