

APPENDIX A PUBLICATION LISTS

(A) Journal Publication

- [1] Wu-an Kuo, Yi-Ling Chiang, TingTing Hwang and Allen C.-H. Wu, "Performance-Driven Crosstalk Elimination at Post-Compiler Level - The Case of Low Crosstalk Op-code Assignment", IEEE Transactions on Computer Aided Design of Integrated Circuits and Systems (TCAD), accepted.
- [2] Wu-an Kuo, TingTing Hwang and Allen C.-H. Wu, "A Power-Driven Multiplication Instruction-Set Design Method for ASIPs", IEEE Transactions on Very Large Scale Integration (TVLSI) Systems, Volume 14, Issue 1, Jan. 2006 Page(s):81 - 85.
- [3] Wu-an Kuo, TingTing Hwang and Allen C.-H. Wu, "Decomposition of Instruction Decoder for Low Power Designs", ACM Transactions on Design Automation of Electronic Systems (TODAES), accepted.

Journal citation reports:

Abbreviated Journal Title	ISSN	2004 Total Cites	Impact Factor	Immediacy Index	2004 Articles	Cited Half-life
TCAD	0278-0070	2214	0.913	0.118	152	7.8
TVLSI	1063-8210	870	0.793	0.167	132	5.2
TODAES	1084-4309	139	0.475	0.067	15	4.6

(B) Conference Publication

- [1] Wu-an Kuo, Yi-Ling Chiang, TingTing Hwang, and Allen C. -H. Wu, "Performance-Driven Crosstalk Elimination at Post-Compiler Level", Proceedings of the International Symposium on Circuits and Systems, accepted, 2006.

- [2] Wu-an Kuo, TingTing Hwang, and Allen C. -H. Wu, "A Power-Driven Multiplication Instruction-Set Design Method for ASIPs", Proceedings of the International Symposium on Circuits and Systems, pp. 3311-3314, 2005.
- [3] Wu-an Kuo, TingTing Hwang, and Allen C. -H. Wu, "Decomposition of Instruction Decoder for Low Power Design", Proceedings of the International Symposium on VLSI Technology, Systems, and Applications, 2005.
- [4] Wu-an Kuo, TingTing Hwang, and Allen C. -H. Wu, "Decomposition of Instruction Decoder for Low Power Design", Proceedings of the conference on Design, automation and test in Europe - Volume 1, pp. 10664-10665, 2004.
- [5] Jennifer Y. -L Lo, Wu-an Kuo, Allen C. -H. Wu, and TingTing Hwang, "A Custom-Cell Identification Method for High-Performance Mixed Standard/Custom-Cell Designs", Proceedings of the conference on Design, Automation and Test in Europe - Volume 1, pp. 11102-11103, 2003.
- [6] Alex C. -Y. Chang, Wu-an Kuo, Allen C. -H. Wu, and TingTing Hwang, "G-MAC: An Application-Specific MAC/Co-Processor Synthesizer", Proceedings of the conference on Design, Automation and Test in Europe - Volume 1, pp. 11134-11135, 2003.

(C) Related Chapters in the Thesis

	Index	Chapter
Journal Publication	[1]	Chapter 3
	[2]	Chapter 5
	[3]	Chapter 4
Conference Publication	[1]	Chapter 3
	[2]	Chapter 5
	[3]	Chapter 4
	[4]	Chapter 4