Peter Marwedel

List of Publications by Year
in descending order

11 papers	330 citations	1684188 5 h-index	2053705 5 g-index
11 all docs	11 docs citations	11 times ranked	228 citing authors

#	Article	IF	Citations
1	An Algorithm for Hardware/Software Partitioning Using Mixed Integer Linear Programming. Design Automation for Embedded Systems, 1997, 2, 165-193.	1.0	125
2	Retargetable Code Generation Based on Structural Processor Description. Design Automation for Embedded Systems, 1998, 3, 75-108.	1.0	92
3	Application of surface plasmon resonance imaging technique for the detection of single spherical biological submicrometer particles. Analytical Biochemistry, 2015, 486, 62-69.	2.4	34
4	Combining Worst-Case Timing Models, Loop Unrolling, and Static Loop Analysis for WCET Minimization. , 2009, , .		17
5	Multi-objective Exploration of Compiler Optimizations for Real-Time Systems. , 2010, , .		17
6	Approximating Pareto optimal compiler optimization sequencesâ€"a tradeâ€off between WCET, ACET and code size. Software - Practice and Experience, 2011, 41, 1437-1458.	3.6	15
7	Runtime and memory consumption analyses for machine learning R programs. Journal of Statistical Computation and Simulation, 2015, 85, 14-29.	1.2	12
8	A context-aware battery lifetime model for carrier aggregation enabled LTE-A systems. , 2014, , .		6
9	WCET-Driven Cache-Aware Memory Content Selection. , 2010, , .		5
10	Decentralized Control of a Material Flow System Enabled by an Embedded Computer Vision System. , 2011, , .		4
11	Multi-objective, Energy-Aware GPGPU Design Space Exploration for Medical or Industrial Applications. , 2014, , .		3