

Chun Jason Xue

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

166
papers

1,737
citations

20
h-index

32
g-index

192
ext. papers

2,130
ext. citations

2.4
avg, IF

4.76
L-index

#	Paper	IF	Citations
166	NetKernel: Making Network Stack Part of the Virtualized Infrastructure. <i>IEEE/ACM Transactions on Networking</i> , 2021 , 1-15	3.8	
165	Read-Ahead Efficiency on Mobile Devices: Observation, Characterization, and Optimization. <i>IEEE Transactions on Computers</i> , 2021 , 70, 99-110	2.5	1
164	. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2021 , 40, 1782-1795	2.5	1
163	. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2021 , 1-1	2.5	
162	Online Rare Category Identification and Data Diversification for Edge Computing. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2021 , 1-1	2.5	
161	Boosting the Performance of SSDs via Fully Exploiting the Plane Level Parallelism. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2020 , 31, 2185-2200	3.7	4
160	Applying Multiple Level Cell to Non-volatile FPGAs. <i>Transactions on Embedded Computing Systems</i> , 2020 , 19, 1-22	1.8	2
159	Process Variation Aware Read Performance Improvement for LDPC-Based nand Flash Memory. <i>IEEE Transactions on Reliability</i> , 2020 , 69, 310-321	4.6	3
158	A Wear Leveling Aware Memory Allocator for Both Stack and Heap Management in PCM-based Main Memory Systems 2019 ,		6
157	1+1>2: variation-aware lifetime enhancement for embedded 3D NAND flash systems 2019 ,		5
156	Data Rate Fingerprinting: A WLAN-Based Indoor Positioning Technique for Passive Localization. <i>IEEE Sensors Journal</i> , 2019 , 19, 6517-6529	4	15
155	Minimizing Retention Induced Refresh Through Exploiting Process Variation of Flash Memory. <i>IEEE Transactions on Computers</i> , 2019 , 68, 83-98	2.5	12
154	Real-Time Data Retrieval in Cyber-Physical Systems with Temporal Validity and Data Availability Constraints. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019 , 31, 1779-1793	4.2	2
153	Reinforcement Learning based Background Segment Cleaning for Log-structured File System on Mobile Devices 2019 ,		2
152	EMC: Energy-Aware Morphable Cache Design for Non-Volatile Processors. <i>IEEE Transactions on Computers</i> , 2019 , 68, 498-509	2.5	10
151	File Fragmentation in Mobile Devices: Measurement, Evaluation, and Treatment. <i>IEEE Transactions on Mobile Computing</i> , 2019 , 18, 2062-2076	4.6	5
150	Checkpointing-Aware Loop Tiling for Energy Harvesting Powered Nonvolatile Processors. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2019 , 38, 15-28	2.5	5

149	Energy, latency, and lifetime improvements in MLC NVM with enhanced WOM code 2018 ,		3
148	Energy Optimal Task Scheduling with Normally-Off Local Memory and Sleep-Aware Shared Memory with Access Conflict. <i>IEEE Transactions on Computers</i> , 2018 , 1-1	2.5	5
147	Race to idle or not: balancing the memory sleep time with DVS for energy minimization. <i>Journal of Combinatorial Optimization</i> , 2018 , 35, 860-894	0.9	4
146	ApproxFTL: On the Performance and Lifetime Improvement of 3-D NAND Flash-Based SSDs. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2018 , 37, 1957-1970	2.5	16
145	Exploiting Parallelism for Access Conflict Minimization in Flash-Based Solid State Drives. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2018 , 37, 168-181	2.5	18
144	Real-Time Data Retrieval With Multiple Availability Intervals in CPS Under Freshness Constraints. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2018 , 37, 2743-2754	2.5	4
143	NVM-Based FPGA Block RAM With Adaptive SLC-MLC Conversion. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2018 , 37, 2661-2672	2.5	5
142	Access Characteristic Guided Read and Write Regulation on Flash Based Storage Systems. <i>IEEE Transactions on Computers</i> , 2018 , 67, 1663-1676	2.5	2
141	An I/O Scheduling Strategy for Embedded Flash Storage Devices With Mapping Cache. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2018 , 37, 756-769	2.5	8
140	Shadow Block: Accelerating ORAM Accesses with Data Duplication 2018 ,		2
139	Work-in-Progress: Revisiting Wear Leveling Design on Compression Applied 3D NAND Flash Memory 2018 ,		3
138	Exploiting Chip Idleness for Minimizing Garbage Collection Induced Chip Access Conflict on SSDs. <i>ACM Transactions on Design Automation of Electronic Systems</i> , 2018 , 23, 1-29	1.5	8
137	State Asymmetry Driven State Remapping in Phase Change Memory. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2017 , 36, 27-40	2.5	10
136	Data Backup Optimization for Nonvolatile SRAM in Energy Harvesting Sensor Nodes. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2017 , 36, 1660-1673	2.5	15
135	Improving LDPC performance via asymmetric sensing level placement on flash memory 2017 ,		21
134	Stack-Size Sensitive On-Chip Memory Backup for Self-Powered Nonvolatile Processors. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2017 , 36, 1804-1816	2.5	16
133	Maximizing Common Idle Time on Multicore Processors With Shared Memory. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2017 , 25, 2095-2108	2.6	2
132	CP-FPGA: Energy-Efficient Nonvolatile FPGA With Offline/Online Checkpointing Optimization. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2017 , 25, 2153-2163	2.6	1

131	Improving read performance via selective Vpass reduction on high density 3D NAND flash memory 2017,			1
130	Maximizing Forward Progress with Cache-aware Backup for Self-powered Non-volatile Processors 2017,			7
129	Reducing LDPC Soft Sensing Latency by Lightweight Data Refresh for Flash Read Performance Improvement 2017,			13
128	Energy-aware morphable cache management for self-powered non-volatile processors 2017,			5
127	Thread Criticality Assisted Replication and Migration for Chip Multiprocessor Caches. <i>IEEE Transactions on Computers</i> , 2017 , 66, 1747-1762	2.5		2
126	DVFS-Based Long-Term Task Scheduling for Dual-Channel Solar-Powered Sensor Nodes. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2017 , 25, 2981-2994	2.6		4
125	Training neural-network-based controller on distributed machine learning platform for power electronics systems 2017,			7
124	An empirical study of F2FS on mobile devices 2017,			6
123	Exploiting Process Variation for Write Performance Improvement on NAND Flash Memory Storage Systems. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2016 , 24, 334-337	2.6		19
122	Retention Trimming for Lifetime Improvement of Flash Memory Storage Systems. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2016 , 35, 58-71	2.5		20
121	Solar Power Prediction Assisted Intra-task Scheduling for Nonvolatile Sensor Nodes. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2016 , 35, 724-737	2.5		24
120	Wear-Leveling Aware Page Management for Non-Volatile Main Memory on Embedded Systems. <i>IEEE Transactions on Multi-Scale Computing Systems</i> , 2016 , 2, 129-142			13
119	Write Mode Aware Loop Tiling for High Performance Low Power Volatile PCM in Embedded Systems. <i>IEEE Transactions on Computers</i> , 2016 , 65, 2313-2324	2.5		3
118	Exploiting process variation for retention induced refresh minimization on flash memory 2016,			10
117	Minimizing cell-to-cell interference by exploiting differential bit impact characteristics of scaled MLC NAND flash memories 2016,			1
116	Dynamic merging/splitting for better responsiveness in mobile devices 2016,			3
115	Efficient Data Placement for Improving Data Access Performance on Domain-Wall Memory. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2016 , 24, 3094-3104	2.6		12
114	Peak-to-average pumping efficiency improvement for charge pump in Phase Change Memories 2016,			2

113	Improving MLC PCM write throughput by write reconstruction 2015 ,		2
112	C3: Cooperative Code Positioning and Cache Locking for WCET Minimization 2015 ,		2
111	Low Overhead Software Wear Leveling for Hybrid PCM + DRAM Main Memory on Embedded Systems. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2015 , 23, 654-663	2.6	18
110	Maximizing common idle time on multi-core processors with shared memory 2015 ,		5
109	Minimizing MLC PCM write energy for free through profiling-based state remapping 2015 ,		15
108	Joint Profit and Process Variation Aware High Level Synthesis With Speed Binning. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2015 , 23, 1640-1650	2.6	2
107	Compiler-Assisted Refresh Minimization for Volatile STT-RAM Cache. <i>IEEE Transactions on Computers</i> , 2015 , 64, 2169-2181	2.5	15
106	Joint WCET and Update Activity Minimization for Cyber-Physical Systems. <i>Transactions on Embedded Computing Systems</i> , 2015 , 14, 1-21	1.8	3
105	Wear Relief for High-Density Phase Change Memory Through Cell Morphing Considering Process Variation. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2015 , 34, 227-237	2.5	14
104	Software assisted non-volatile register reduction for energy harvesting based cyber-physical system 2015 ,		16
103	Race to idle or not: Balancing the memory sleep time with DVS for energy minimization 2015 ,		2
102	Maximizing IO performance via conflict reduction for flash memory storage systems 2015 ,		10
101	Exploiting parallelism in I/O scheduling for access conflict minimization in flash-based solid state drives 2014 ,		42
100	Migration-Aware Loop Retiming for STT-RAM-Based Hybrid Cache in Embedded Systems. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2014 , 33, 329-342	2.5	9
99	Error Model Guided Joint Performance and Endurance Optimization for Flash Memory. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2014 , 33, 343-355	2.5	12
98	A wear-leveling-aware dynamic stack for PCM memory in embedded systems 2014 ,		1
97	Register allocation for hybrid register architecture in nonvolatile processors 2014 ,		8
96	A Unified Write Buffer Cache Management Scheme for Flash Memory. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2014 , 22, 2779-2792	2.6	8

95	WCET-Aware Re-Scheduling Register Allocation for Real-Time Embedded Systems With Clustered VLIW Architecture. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2014 , 22, 168-180	2.6	5
94	Compiler-Assisted STT-RAM-Based Hybrid Cache for Energy Efficient Embedded Systems. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2014 , 22, 1829-1840	2.6	30
93	A wear-leveling-aware dynamic stack for PCM memory in embedded systems 2014 ,		3
92	Branch Prediction-Directed Dynamic Instruction Cache Locking for Embedded Systems. <i>Transactions on Embedded Computing Systems</i> , 2014 , 13, 1-24	1.8	5
91	Leveling to the last mile: Near-zero-cost bit level wear leveling for PCM-based main memory 2014 ,		12
90	SLC-enabled Wear Leveling for MLC PCM Considering Process Variation 2014 ,		31
89	Exploit asymmetric error rates of cell states to improve the performance of flash memory storage systems 2014 ,		9
88	Retention trimming for wear reduction of flash memory storage systems 2014 ,		4
87	Sleep-aware variable partitioning for energy-efficient hybrid PRAM and DRAM main memory 2014 ,		8
86	Thread Progress Aware Coherence Adaption for Hybrid Cache Coherence Protocols. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 2697-2707	3.7	1
85	Write Mode Aware Loop Tiling for High Performance Low Power Volatile PCM 2014 ,		4
84	Management and optimization for nonvolatile memory-based hybrid scratchpad memory on multicore embedded processors. <i>Transactions on Embedded Computing Systems</i> , 2014 , 13, 1-25	1.8	17
83	Dual partitioning multicasting for high-performance on-chip networks. <i>Journal of Parallel and Distributed Computing</i> , 2014 , 74, 1858-1871	4.4	1
82	Scheduling to Optimize Cache Utilization for Non-Volatile Main Memories. <i>IEEE Transactions on Computers</i> , 2014 , 63, 2039-2051	2.5	7
81	Cache coherence enabled adaptive refresh for volatile STT-RAM 2013 ,		8
80	Hybrid nonvolatile disk cache for energy-efficient and high-performance systems. <i>ACM Transactions on Design Automation of Electronic Systems</i> , 2013 , 18, 1-23	1.5	11
79	Power-Aware Variable Partitioning for DSPs With Hybrid PRAM and DRAM Main Memory. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 3509-3520	4.8	8
78	Migration-aware loop retiming for STT-RAM based hybrid cache for embedded systems 2013 ,		3

77	Algorithms to Minimize Data Transfer for Code Update on Wireless Sensor Network. <i>Journal of Signal Processing Systems</i> , 2013 , 71, 143-157	1.4	
76	Task Allocation on Nonvolatile-Memory-Based Hybrid Main Memory. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2013 , 21, 1271-1284	2.6	17
75	Data Allocation Optimization for Hybrid Scratch Pad Memory With SRAM and Nonvolatile Memory. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2013 , 21, 1094-1102	2.6	41
74	Minimizing accumulative memory load cost on multi-core DSPs with multi-level memory. <i>Journal of Systems Architecture</i> , 2013 , 59, 389-399	5.5	4
73	Online OLED dynamic voltage scaling for video streaming applications on mobile devices 2013 ,		7
72	2013 ,		1
71	Cooperating Virtual Memory and Write Buffer Management for Flash-Based Storage Systems. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2013 , 21, 706-719	2.6	12
70	Compiler-assisted refresh minimization for volatile STT-RAM cache 2013 ,		1
69	Compiler directed write-mode selection for high performance low power volatile PCM 2013 ,		2
68	Write activity reduction on non-volatile main memories for embedded chip multiprocessors. <i>Transactions on Embedded Computing Systems</i> , 2013 , 12, 1-27	1.8	30
67	Software Enabled Wear-Leveling for Hybrid PCM Main Memory on Embedded Systems 2013 ,		37
66	Register allocation for embedded systems to simultaneously reduce energy and temperature on registers. <i>Transactions on Embedded Computing Systems</i> , 2013 , 13, 1-26	1.8	3
65	Joint variable partitioning and bank selection instruction optimization for partitioned memory architectures. <i>Transactions on Embedded Computing Systems</i> , 2013 , 12, 1-27	1.8	
64	Low-energy volatile STT-RAM cache design using cache-coherence-enabled adaptive refresh. <i>ACM Transactions on Design Automation of Electronic Systems</i> , 2013 , 19, 1-23	1.5	13
63	Data re-allocation enabled cache locking for embedded systems 2013 ,		1
62	Dynamic localisation of mature microRNAs in Human nucleoli is influenced by exogenous genetic materials. <i>PLoS ONE</i> , 2013 , 8, e70869	3.7	45
61	Compiler directed write-mode selection for high performance low power volatile PCM. <i>ACM SIGPLAN Notices</i> , 2013 , 48, 101-110	0.2	5
60	Loop fusion and reordering for register file optimization on stream processors. <i>Journal of Systems and Software</i> , 2012 , 85, 1673-1681	3.3	3

59	Register allocation for write activity minimization on non-volatile main memory for embedded systems. <i>Journal of Systems Architecture</i> , 2012 , 58, 13-23	5.5	8
58	Memory access schedule minimization for embedded systems. <i>Journal of Systems Architecture</i> , 2012 , 58, 48-59	5.5	3
57	Instruction cache locking for multi-task real-time embedded systems. <i>Real-Time Systems</i> , 2012 , 48, 166-193	10.7	19
56	Analysis and approximation for bank selection instruction minimization on partitioned memory architecture. <i>Journal of Combinatorial Optimization</i> , 2012 , 23, 274-291	0.9	1
55	Poster Abstract: Smart Phone Lift for Improving Energy Efficiency and User Comfort in Green Buildings 2012 ,		1
54	Guest Editorial Special Section on Memory Architectures and Organization. <i>IEEE Embedded Systems Letters</i> , 2012 , 4, 81-81	1	
53	MAC 2012 ,		28
52	Code Motion for Migration Minimization in STT-RAM Based Hybrid Cache 2012 ,		3
51	Optimizing Data Allocation and Memory Configuration for Non-Volatile Memory Based Hybrid SPM on Embedded CMPs 2012 ,		7
50	Minimizing Access Cost for Multiple Types of Memory Units in Embedded Systems Through Data Allocation and Scheduling. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 3253-3263	4.8	21
49	Instruction Cache Locking for Embedded Systems using Probability Profile. <i>Journal of Signal Processing Systems</i> , 2012 , 69, 173-188	1.4	13
48	Quality-retaining OLED dynamic voltage scaling for video streaming applications on mobile devices 2012 ,		35
47	WCET-aware re-scheduling register allocation for real-time embedded systems with clustered VLIW architecture 2012 ,		4
46	Compiler-assisted preferred caching for embedded systems with STT-RAM based hybrid cache 2012 ,		13
45	MGC: Multiple graph-coloring for non-volatile memory based hybrid Scratchpad Memory 2012 ,		10
44	TEACA: Thread ProgrEss Aware Coherence Adaption for hybrid coherence protocols 2012 ,		1
43	Acceleration of Composite Order Bilinear Pairing on Graphics Hardware. <i>Lecture Notes in Computer Science</i> , 2012 , 341-348	0.9	8
42	STT-RAM based energy-efficiency hybrid cache for CMPs 2011 ,		53

41	Emerging non-volatile memories 2011 ,		121
40	Exploiting set-level write non-uniformity for energy-efficient NVM-based hybrid cache 2011 ,		16
39	Energy-Efficient Joint Scheduling and Application-Specific Interconnection Design. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2011 , 19, 1813-1822	2.6	3
38	Write Activity Minimization for Nonvolatile Main Memory Via Scheduling and Recomputation. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2011 , 30, 584-592	2.5	34
37	Optimal task allocation on non-volatile memory based hybrid main memory 2011 ,		5
36	Joint task assignment and cache partitioning with cache locking for WCET minimization on MPSoC. <i>Journal of Parallel and Distributed Computing</i> , 2011 , 71, 1473-1483	4.4	14
35	Migration-aware adaptive MPSoC static schedules with dynamic reconfigurability. <i>Journal of Parallel and Distributed Computing</i> , 2011 , 71, 1400-1410	4.4	
34	Cooperating Write Buffer Cache and Virtual Memory Management for Flash Memory Based Systems 2011 ,		15
33	Towards energy efficient hybrid on-chip Scratch Pad Memory with non-volatile memory 2011 ,		6
32	Register allocation for write activity minimization on non-volatile main memory 2011 ,		11
31	Sleep-aware mode assignment in wireless embedded systems. <i>Journal of Parallel and Distributed Computing</i> , 2011 , 71, 1002-1010	4.4	6
30	ExLRU 2011 ,		26
29	2011 ,		2
28	LADPM: Latency-Aware Dual-Partition Multicast Routing for Mesh-Based Network-on-Chips 2010 ,		6
27	Analysis and approximation for bank selection instruction minimization on partitioned memory architecture 2010 ,		3
26	Iterational retiming with partitioning. <i>Transactions on Embedded Computing Systems</i> , 2010 , 9, 1-26	1.8	14
25	Minimizing write activities to non-volatile memory via scheduling and recomputation 2010 ,		9
24	Task Assignment with Cache Partitioning and Locking for WCET Minimization on MPSoC 2010 ,		23

23	Co-optimization of memory access and task scheduling on MPSoC architectures with multi-level memory 2010 ,		1
22	Joint variable partitioning and bank selection instruction optimization on embedded systems with multiple memory banks 2010 ,		1
21	Optimal scheduling to minimize non-volatile memory access time with hardware cache 2010 ,		3
20	Analysis and approximation for bank selection instruction minimization on partitioned memory architecture. <i>ACM SIGPLAN Notices</i> , 2010 , 45, 1-8	0.2	
19	Write activity reduction on flash main memory via smart victim cache 2010 ,		41
18	Reducing write activities on non-volatile memories in embedded CMPs via data migration and recomputation 2010 ,		79
17	Variable Length Pattern Matching for Hardware Network Intrusion Detection System. <i>Journal of Signal Processing Systems</i> , 2010 , 59, 85-93	1.4	1
16	Single and Multiple Device DSA Problem, Complexities and Online Algorithms. <i>Lecture Notes in Computer Science</i> , 2010 , 218-229	0.9	
15	Instruction Cache Locking for Real-Time Embedded Systems with Multi-tasks 2009 ,		7
14	Energy-aware register file re-partitioning for clustered VLIW architectures 2009 ,		2
13	Combining Coarse-Grained Software Pipelining with DVS for Scheduling Real-Time Periodic Dependent Tasks on Multi-Core Embedded Systems. <i>Journal of Signal Processing Systems</i> , 2009 , 57, 249-262	1.4	11
12	Loop scheduling and bank type assignment for heterogeneous multi-bank memory. <i>Journal of Parallel and Distributed Computing</i> , 2009 , 69, 546-558	4.4	15
11	Optimizing Scheduling and Intercluster Connection for Application-Specific DSP Processors. <i>IEEE Transactions on Signal Processing</i> , 2009 , 57, 4538-4547	4.8	5
10	Minimizing Memory Access Schedule for Memories 2009 ,		2
9	Minimizing WCET for Real-Time Embedded Systems via Static Instruction Cache Locking 2009 ,		41
8	Reprogramming with Minimal Transferred Data on Wireless Sensor Network 2009 ,		14
7	Optimized address assignment with array and loop transformations for minimizing schedule length. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2008 , 55, 379-389	3.9	7
6	Effective Loop Partitioning and Scheduling under Memory and Register Dual Constraints 2008 ,		2

5	Address assignment sensitive variable partitioning and scheduling for DSPS with multiple memory banks. <i>Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008,</i>	1.6	7
4	A Formal Specification and Verification Framework for Designing and Verifying Reliable and Dependable Software for Computerized Numerical Control (CNC) Systems 2008,		1
3	Timing optimization via nest-loop pipelining considering code size. <i>Microprocessors and Microsystems, 2008, 32, 351-363</i>	2.4	4
2	Minimizing Leakage Energy with Modulo Scheduling for VLIW DSP Processors. <i>International Federation for Information Processing, 2008, 111-120</i>		1
1	Real-Time Loop Scheduling with Leakage Energy Minimization for Embedded VLIW DSP Processors. <i>Gifted and Talented International, 2007,</i>	1	3