Dirk Grunwald

List of Publications by Year
in descending order

41 papers	2,992 citations	932766 10 h-index	713013 21 g-index
41 all docs	41 docs citations	41 times ranked	2030 citing authors

#	Article	IF	Citations
1	Anonymous Usage of Location-Based Services Through Spatial and Temporal Cloaking. , 2003, , .		1,657
2	Prefetching using Markov predictors. , 1997, , .		244
3	A Survey of Wireless Path Loss Prediction and Coverage Mapping Methods. IEEE Communications Surveys and Tutorials, 2013, 15, 255-270.	24.8	232
4	Enhancing Location Privacy in Wireless LAN Through Disposable Interface Identifiers: A Quantitative Analysis. Mobile Networks and Applications, 2005, 10, 315-325.	2.2	140
5	Bounding the error of path loss models. , 2011, , .		101
6	Practical radio environment mapping with geostatistics. , 2012, , .		98
7	Pipeline gating. Computer Architecture News, 1998, 26, 132-141.	2.5	91
8	Shadow Profiling: Hiding Instrumentation Costs with Parallelism. , 2007, , .		72
9	Customalloc: Efficient synthesized memory allocators. Software - Practice and Experience, 1993, 23, 851-869.	2.5	47
10	Prefetching using Markov predictors. Computer Architecture News, 1997, 25, 252-263.	2.5	42
11	Confidence estimation for speculation control. Computer Architecture News, 1998, 26, 122-131.	2.5	39
12	A Methodological Assessment of Location Privacy Risks in Wireless Hotspot Networks. Lecture Notes in Computer Science, 2004, , 10-24.	1.0	34
13	Reducing branch costs via branch alignment. ACM SIGPLAN Notices, 1994, 29, 242-251.	0.2	17
14	Physical Layer Attacks on Unlinkability in Wireless LANs. Lecture Notes in Computer Science, 2009, , 108-127.	1.0	17
15	The impact of directional antenna models on simulation accuracy. , 2009, , .		16
16	Fusing Text and Frienships for Location Inference in Online Social Networks. , 2012, , .		16
17	Selective eager execution on the PolyPath architecture. Computer Architecture News, 1998, 26, 250-259.	2.5	13
18	A Mechanism for Detecting and Responding to Misbehaving Nodes in Wireless Networks. , 2007, , .		12

#	ARTICLE	IF	CITATIONS
19	Optimization Decomposition for Scheduling and System Configuration in Wireless Networks. IEEE/ACM Transactions on Networking, 2014, 22, 271-284.	2.6	12
20	OptiScope: Performance Accountability for Optimizing Compilers. , 2009, , .		11
21	Corpus-based static branch prediction. ACM SIGPLAN Notices, 1995, 30, 79-92.	0.2	9
22	Implementation of a Reconfiguration Algorithm for Cognitive Radio. , 2007, , .		9
23	Next cache line and set prediction. Computer Architecture News, 1995, 23, 287-296.	2.5	8
24	A stateless, content-directed data prefetching mechanism. ACM SIGPLAN Notices, 2002, 37, 279-290.	0.2	7
25	Modeling environmental effects on directionality in wireless networks. , 2009, , .		7
26	Blind synchronization for NC-OFDM &#x2014; When &#x201C;channels&#x201D; are conventions, not mandates. , 2011, , .		7
27	Local Independent Control of Cognitive Radio Networks. , 2008, , .		6
28	Reducing branch costs via branch alignment. Operating Systems Review (ACM), 1994, 28, 242-251.	1.5	5
29	Experiences Implementing Cognitive Radio Control Algorithms. , 2007, , .		5
30	Instruction cache fetch policies for speculative execution. Computer Architecture News, 1995, 23, 357-367.	2.5	3
31	Network Protocol Development with nsclick. Wireless Networks, 2004, 10, 569-581.	2.0	3
32	Predicting Tor path compromise by exit port. , 2009, , .		3
33	Whole-program optimization for time and space efficient threads. ACM SIGPLAN Notices, 1996, 31, 50-59.	0.2	2
34	Performance issues of enterprise level web proxies. Performance Evaluation Review, 1997, 25, 13-23.	0.4	2
35	Design of servo control systems with quadratic optimal control and observed-state feedback control for mems-based storage device. Microsystem Technologies, 2005, 11, 1005-1012.	1.2	2
36	Whole-program optimization for time and space efficient threads. Operating Systems Review (ACM), 1996, 30, 50-59.	1.5	1

#	Article	IF	Citations
37	Abstracting Modern FCCMs To Provide a Single Interface to Architectural Resources. , 2007, , .		1
38	Chainsaw: Using Binary Matching for Relative Instruction Mix Comparison. , 2009, , .		1
39	Techniques for simulation of realistic infrastructure wireless network traffic. , 2009, , .		0
40	MMT-06 DESIGN OF SERVO CONTROL SYSTEMS FOR MEMS-BASED STORAGE DEVICE. Proceedings of JSME-IIP/ASME-ISPS Joint Conference on Micromechatronics for Information and Precision Equipment IIP/ISPS Joint MIPE, 2003, 2003, 129-130.	0.0	0
41	Embedded, general-purpose, and high-performance systems. ACM Computing Surveys, 1996, 28, 29.	16.1	0