

Alex X Liu

List of Publications by Year in descending order

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194
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4705
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#	ARTICLE	IF	CITATIONS
1	On Goodness of WiFi Based Monitoring of Sleep Vital Signs in the Wild. IEEE Transactions on Mobile Computing, 2023, 22, 341-355.	5.8	7
2	An Efficient Missing Tag Identification Approach in RFID Collisions. IEEE Transactions on Mobile Computing, 2023, 22, 720-731.	5.8	19
3	Monitoring Browsing Behavior of Customers in Retail Stores via RFID Imaging. IEEE Transactions on Mobile Computing, 2022, 21, 1034-1048.	5.8	7
4	Capture-Aware Identification of Mobile RFID Tags With Unreliable Channels. IEEE Transactions on Mobile Computing, 2022, 21, 1182-1195.	5.8	24
5	Adaptive Secure Nearest Neighbor Query Processing Over Encrypted Data. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 91-106.	5.4	5
6	Fine-Grained Vibration Based Sensing Using a Smartphone. IEEE Transactions on Mobile Computing, 2022, 21, 3971-3985.	5.8	1
7	Charging Task Scheduling for Directional Wireless Charger Networks. IEEE Transactions on Mobile Computing, 2021, 20, 3163-3180.	5.8	16
8	FPGA Resource Pooling in Cloud Computing. IEEE Transactions on Cloud Computing, 2021, 9, 610-626.	4.4	21
9	An incentive mechanism for crowdsourcing markets with social welfare maximization in cloud-edge computing. Concurrency Computation Practice and Experience, 2021, 33, 1-1.	2.2	12
10	Trust Assessment in Online Social Networks. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 994-1007.	5.4	30
11	Connectivity-Constrained Placement of Wireless Chargers. IEEE Transactions on Mobile Computing, 2021, 20, 909-927.	5.8	13
12	WiTrace: Centimeter-Level Passive Gesture Tracking Using OFDM Signals. IEEE Transactions on Mobile Computing, 2021, 20, 1730-1745.	5.8	17
13	Efficient Resource Scheduling for Interference Alleviation in Dynamic Coexisting WBANs. IEEE Transactions on Mobile Computing, 2021, , 1-1.	5.8	6
14	Generative Adversarial Network-Based Transfer Reinforcement Learning for Routing With Prior Knowledge. IEEE Transactions on Network and Service Management, 2021, 18, 1673-1689.	4.9	10
15	Distributed Spectrum Sharing for Enterprise Powerline Communication Networks. IEEE/ACM Transactions on Networking, 2021, 29, 1032-1045.	3.8	1
16	Pairwise-Based Multi-Attribute Decision Making Approach for Wireless Network. IEEE/ACM Transactions on Networking, 2021, 29, 1687-1702.	3.8	3
17	Physical-Layer Authentication in Wirelessly Powered Communication Networks. IEEE/ACM Transactions on Networking, 2021, 29, 1827-1840.	3.8	7
18	Optimizing Taxi Driver Profit Efficiency: A Spatial Network-Based Markov Decision Process Approach. IEEE Transactions on Big Data, 2020, 6, 145-158.	6.1	24

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19	Large Scale Characterization of Software Vulnerability Life Cycles. IEEE Transactions on Dependable and Secure Computing, 2020, 17, 730-744.	5.4	9
20	Publishing Social Network Graph Eigenspectrum With Privacy Guarantees. IEEE Transactions on Network Science and Engineering, 2020, 7, 892-906.	6.4	22
21	Optimizing Geo-Distributed Data Analytics with Coordinated Task Scheduling and Routing. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 279-293.	5.6	20
22	A Group-Based Binary Splitting Algorithm for UHF RFID Anti-Collision Systems. IEEE Transactions on Communications, 2020, 68, 998-1012.	7.8	75
23	A Partitioning Approach to RFID Identification. IEEE/ACM Transactions on Networking, 2020, 28, 2160-2173.	3.8	33
24	Online Resource Allocation With Machine Variability: A Bandit Perspective. IEEE/ACM Transactions on Networking, 2020, 28, 2243-2256.	3.8	3
25	Network Scheduling and Compute Resource Aware Task Placement in Datacenters. IEEE/ACM Transactions on Networking, 2020, 28, 2435-2448.	3.8	4
26	A Machine Learning Approach to Blind Multi-Path Classification for Massive MIMO Systems. IEEE/ACM Transactions on Networking, 2020, 28, 2309-2322.	3.8	5
27	Detection of Information Hiding at Physical Layer in Wireless Communications. IEEE Transactions on Dependable and Secure Computing, 2020, , 1-1.	5.4	3
28	Radiation Constrained Wireless Charger Placement. IEEE/ACM Transactions on Networking, 2020, , 1-17.	3.8	15
29	Physical-Layer Authentication in Non-Orthogonal Multiple Access Systems. IEEE/ACM Transactions on Networking, 2020, 28, 1144-1157.	3.8	19
30	Thresholded Monitoring in Distributed Data Streams. IEEE/ACM Transactions on Networking, 2020, 28, 1033-1046.	3.8	1
31	Adaptively Secure and Fast Processing of Conjunctive Queries over Encrypted Data. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	5.7	1
32	From M-Ary Query to Bit Query: A New Strategy for Efficient Large-Scale RFID Identification. IEEE Transactions on Communications, 2020, 68, 2381-2393.	7.8	47
33	A Time and Energy Saving-Based Frame Adjustment Strategy (TES-FAS) Tag Identification Algorithm for UHF RFID Systems. IEEE Transactions on Wireless Communications, 2020, 19, 2974-2986.	9.2	45
34	A Machine Learning Approach to Phase Reference Estimation With Noise. IEEE Transactions on Communications, 2020, 68, 2579-2592.	7.8	4
35	Finding Persistent Items in Distributed Datasets. IEEE/ACM Transactions on Networking, 2020, 28, 1-14.	3.8	15
36	Spectrum Sharing in mmWave Cellular Networks Using Clustering Algorithms. IEEE/ACM Transactions on Networking, 2020, 28, 1378-1390.	3.8	2

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37	UltraGesture: Fine-Grained Gesture Sensing and Recognition. IEEE Transactions on Mobile Computing, 2020, , 1-1.	5.8	24
38	Counting Human Objects Using Backscattered Radio Frequency Signals. IEEE Transactions on Mobile Computing, 2019, 18, 1054-1067.	5.8	16
39	Insecurity and Hardness of Nearest Neighbor Queries Over Encrypted Data. , 2019, , .		13
40	SecEQP: A Secure and Efficient Scheme for SkNN Query Problem Over Encrypted Geodata on Cloud. , 2019, , .		29
41	Thresholded Monitoring in Distributed Data Streams. , 2019, , .		2
42	Speech Based Human Authentication on Smartphones. , 2019, , .		10
43	Predictable Privacy-Preserving Mobile Crowd Sensing: A Tale of Two Roles. IEEE/ACM Transactions on Networking, 2019, 27, 361-374.	3.8	20
44	Efficient Online Resource Allocation in Heterogeneous Clusters with Machine Variability. , 2019, , .		5
45	Synthesizing Wider WiFi Bandwidth for Respiration Rate Monitoring in Dynamic Environments. , 2019, , .		18
46	Large-Scale Feedforward Neural Network Optimization by a Self-Adaptive Strategy and Parameter Based Particle Swarm Optimization. IEEE Access, 2019, 7, 52473-52483.	4.2	32
47	A De-Compositional Approach to Regular Expression Matching for Network Security. IEEE/ACM Transactions on Networking, 2019, 27, 2179-2191.	3.8	5
48	Zero-Error Coding via Classical and Quantum Channels in Sensor Networks. Sensors, 2019, 19, 5071.	3.8	2
49	Fast Splitting-Based Tag Identification Algorithm For Anti-Collision in UHF RFID System. IEEE Transactions on Communications, 2019, 67, 2527-2538.	7.8	106
50	Multilevel Model for Video Object Segmentation Based on Supervision Optimization. IEEE Transactions on Multimedia, 2019, 21, 1934-1945.	7.2	16
51	Writing in the Air with WiFi Signals for Virtual Reality Devices. IEEE Transactions on Mobile Computing, 2019, 18, 473-484.	5.8	72
52	Online Scaling of NFV Service Chains Across Geo-Distributed Datacenters. IEEE/ACM Transactions on Networking, 2018, 26, 699-710.	3.8	95
53	Distributed access control in wireless networks. , 2018, , .		0
54	Secure Hashing-Based Verifiable Pattern Matching. IEEE Transactions on Information Forensics and Security, 2018, 13, 2677-2690.	6.9	10

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55	SCAPE: Safe Charging With Adjustable Power. IEEE/ACM Transactions on Networking, 2018, 26, 520-533.	3.8	69
56	Optimizing Internet Transit Routing for Content Delivery Networks. IEEE/ACM Transactions on Networking, 2018, 26, 76-89.	3.8	5
57	Radiation Constrained Scheduling of Wireless Charging Tasks. IEEE/ACM Transactions on Networking, 2018, 26, 314-327.	3.8	77
58	Fast Identification of Blocked RFID Tags. IEEE Transactions on Mobile Computing, 2018, 17, 2041-2054.	5.8	25
59	OpenFunction: An Extensible Data Plane Abstraction Protocol for Platform-Independent Software-Defined Middleboxes. IEEE/ACM Transactions on Networking, 2018, 26, 1488-1501.	3.8	10
60	Minimize the Make-span of Batched Requests for FPGA Pooling in Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 2514-2527.	5.6	6
61	QGesture. , 2018, 2, 1-23.		73
62	A Ternary Unification Framework for Optimizing TCAM-Based Packet Classification Systems. IEEE/ACM Transactions on Networking, 2018, 26, 657-670.	3.8	24
63	Semantic-Aware Searching Over Encrypted Data for Cloud Computing. IEEE Transactions on Information Forensics and Security, 2018, 13, 2359-2371.	6.9	62
64	CoMan: Managing Bandwidth Across Computing Frameworks in Multiplexed Datacenters. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 1013-1029.	5.6	8
65	An Energy-Aware Virtual Machine Scheduling Method for Cloudlets in Wireless Metropolitan Area Networks. , 2018, , .		2
66	Fast OpenFlow Table Lookup with Fast Update. , 2018, , .		12
67	Aggregation Functions Considering Criteria Interrelationships in Fuzzy Multi-Criteria Decision Making: State-of-the-Art. IEEE Access, 2018, 6, 68104-68136.	4.2	21
68	Distributed Spectrum Sharing for Enterprise Powerline Communication Networks. , 2018, , .		2
69	Finding Persistent Items in Distributed Datasets. , 2018, , .		29
70	A Heuristic Virtual Machine Scheduling Method for Load Balancing in Fog-Cloud Computing. , 2018, , .		15
71	Depth Aware Finger Tapping on Virtual Displays. , 2018, , .		33
72	EES: An Energy-Efficient Spectrum Sensing Method by Optimizing Spectrum Sensing Node in Cognitive Radio Sensor Networks. Wireless Communications and Mobile Computing, 2018, 2018, 1-11.	1.2	6

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73	Placement of Connected Wireless Chargers. , 2018, , .		28
74	Identifying and Estimating Persistent Items in Data Streams. IEEE/ACM Transactions on Networking, 2018, 26, 2429-2442.	3.8	24
75	Cache Assisted Randomized Sharing Counters in Network Measurement. , 2018, , .		4
76	UltraGesture: Fine-Grained Gesture Sensing and Recognition. , 2018, , .		43
77	WiTrace: Centimeter-Level Passive Gesture Tracking Using WiFi Signals. , 2018, , .		16
78	Dynamic Resource Allocation for Load Balancing in Fog Environment. Wireless Communications and Mobile Computing, 2018, 2018, 1-15.	1.2	132
79	Constant IP Lookup With FIB Explosion. IEEE/ACM Transactions on Networking, 2018, 26, 1821-1836.	3.8	18
80	Noise Tolerant Localization for Sensor Networks. IEEE/ACM Transactions on Networking, 2018, 26, 1701-1714.	3.8	30
81	A Sorted-Partitioning Approach to Fast and Scalable Dynamic Packet Classification. IEEE/ACM Transactions on Networking, 2018, 26, 1907-1920.	3.8	36
82	Charging Task Scheduling for Directional Wireless Charger Networks. , 2018, , .		17
83	Wireless Charger Placement for Directional Charging. IEEE/ACM Transactions on Networking, 2018, 26, 1865-1878.	3.8	65
84	RFID Estimation With Blocker Tags. IEEE/ACM Transactions on Networking, 2017, 25, 224-237.	3.8	47
85	Recognizing Keystrokes Using WiFi Devices. IEEE Journal on Selected Areas in Communications, 2017, 35, 1175-1190.	14.0	88
86	Firewall Fingerprinting and Denial of Firewalling Attacks. IEEE Transactions on Information Forensics and Security, 2017, 12, 1699-1712.	6.9	15
87	Privacy and Integrity Preserving Top- \$\$\$ Query Processing for Two-Tiered Sensor Networks. IEEE/ACM Transactions on Networking, 2017, 25, 2334-2346.	3.8	21
88	Adaptively Secure Conjunctive Query Processing over Encrypted Data for Cloud Computing. , 2017, , .		32
89	Secure KNN Queries over Encrypted Data: Dimensionality Is Not Always a Curse. , 2017, , .		7
90	A Speed Hump Sensing Approach to Global Positioning in Urban Cities without Gps Signals. , 2017, , .		2

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91	Detecting and Localizing End-to-End Performance Degradation for Cellular Data Services Based on TCP Loss Ratio and Round Trip Time. IEEE/ACM Transactions on Networking, 2017, 25, 3709-3722.	3.8	21
92	Optimizing wireless charger placement for directional charging. , 2017, , .		61
93	Dynamic Scaling of Virtualized, Distributed Service Chains: A Case Study of IMS. IEEE Journal on Selected Areas in Communications, 2017, 35, 2501-2511.	14.0	27
94	Top- \$\$\$ Queries for Categorized RFID Systems. IEEE/ACM Transactions on Networking, 2017, 25, 2587-2600.	3.8	26
95	A Shifting Framework for Set Queries. IEEE/ACM Transactions on Networking, 2017, 25, 3116-3131.	3.8	36
96	Radiation Constrained Scheduling of Wireless Charging Tasks. , 2017, , .		22
97	Fast and Accurate Tracking of Population Dynamics in RFID Systems. , 2017, , .		6
98	Performance of Container Networking Technologies. , 2017, , .		10
99	Safe Charging for Wireless Power Transfer. IEEE/ACM Transactions on Networking, 2017, 25, 3531-3544.	3.8	100
100	Multi-Category RFID Estimation. IEEE/ACM Transactions on Networking, 2017, 25, 264-277.	3.8	50
101	Monitoring quality-of-experience for operational cellular networks using machine-to-machine traffic. , 2017, , .		1
102	Multipath TCP traffic diversion attacks and countermeasures. , 2017, , .		11
103	Cascade size prediction in online social networks. , 2017, , .		5
104	A graph theoretic approach to fast and accurate malware detection. , 2017, , .		1
105	Data Placement for Privacy-Aware Applications over Big Data in Hybrid Clouds. Security and Communication Networks, 2017, 2017, 1-15.	1.5	25
106	Optimizing Internet transit routing for content delivery networks. , 2016, , .		5
107	Boosting powerline communications for ubiquitous connectivity in enterprises. , 2016, , .		3
108	Accurate and Efficient Per-Flow Latency Measurement Without Probing and Time Stamping. IEEE/ACM Transactions on Networking, 2016, 24, 3477-3492.	3.8	5

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109	Detecting and localizing end-to-end performance degradation for cellular data services. , 2016, , .		11
110	Top-k queries for multi-category RFID systems. , 2016, , .		24
111	A template approach to group key establishment in dynamic ad-hoc groups. , 2016, , .		2
112	Omnidirectional chargability with directional antennas. , 2016, , .		32
113	Overlay Automata and Algorithms for Fast and Scalable Regular Expression Matching. IEEE/ACM Transactions on Networking, 2016, 24, 2400-2415.	3.8	4
114	A shifting bloom filter framework for set queries. Proceedings of the VLDB Endowment, 2016, 9, 408-419.	3.8	68
115	Fast and Reliable Detection and Identification of Missing RFID Tags in the Wild. IEEE/ACM Transactions on Networking, 2016, 24, 3770-3784.	3.8	27
116	Social Graph Publishing with Privacy Guarantees. , 2016, , .		9
117	A De-compositional Approach to Regular Expression Matching for Network Security Applications. , 2016, , .		0
118	The Internet is for Porn: Measurement and Analysis of Online Adult Traffic. , 2016, , .		15
119	Detecting national political unrest on Twitter. , 2016, , .		3
120	Radiation constrained wireless charger placement. , 2016, , .		52
121	Gait recognition using wifi signals. , 2016, , .		385
122	Finding persistent items in data streams. Proceedings of the VLDB Endowment, 2016, 10, 289-300.	3.8	64
123	Characterizing and Optimizing Cellular Network Performance During Crowded Events. IEEE/ACM Transactions on Networking, 2016, 24, 1308-1321.	3.8	23
124	Freeweb: P2P-Assisted Collaborative Censorship-Resistant Web Browsing. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 3226-3241.	5.6	2
125	Fast and Scalable Range Query Processing With Strong Privacy Protection for Cloud Computing. IEEE/ACM Transactions on Networking, 2016, 24, 2305-2318.	3.8	58
126	A Difference Resolution Approach to Compressing Access Control Lists. IEEE/ACM Transactions on Networking, 2016, 24, 610-623.	3.8	20

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127	Noisy Bloom Filters for Multi-Set Membership Testing. , 2016, , .		32
128	Expecting the unexpected: Fast and reliable detection of missing RFID tags in the wild. , 2015, , .		31
129	Fairness Matters: Identification of Active RFID Tags with Statistically Guaranteed Fairness. , 2015, , .		2
130	IM session identification by outlier detection in cross-correlation functions. , 2015, , .		5
131	Geospatial and Temporal Dynamics of Application Usage in Cellular Data Networks. IEEE Transactions on Mobile Computing, 2015, 14, 1369-1381.	5.8	31
132	RFID cardinality estimation with blocker tags. , 2015, , .		29
133	Completely Pinpointing the Missing RFID Tags in a Time-Efficient Way. IEEE Transactions on Computers, 2015, 64, 87-96.	3.4	98
134	Sampling Bloom Filter-Based Detection of Unknown RFID Tags. IEEE Transactions on Communications, 2015, 63, 1432-1442.	7.8	29
135	Privacy-Preserving Quantification of Cross-Domain Network Reachability. IEEE/ACM Transactions on Networking, 2015, 23, 946-958.	3.8	3
136	Probabilistic Optimal Tree Hopping for RFID Identification. IEEE/ACM Transactions on Networking, 2015, 23, 796-809.	3.8	115
137	Topological Transformation Approaches to Database Query Processing. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 1438-1451.	5.7	2
138	Guarantee IP lookup performance with FIB explosion. Computer Communication Review, 2015, 44, 39-50.	1.8	29
139	Keystroke Recognition Using WiFi Signals. , 2015, , .		356
140	Fast and Accurate Estimation of RFID Tags. IEEE/ACM Transactions on Networking, 2015, 23, 241-254.	3.8	58
141	Understanding and Modeling of WiFi Signal Based Human Activity Recognition. , 2015, , .		693
142	Fast range query processing with strong privacy protection for cloud computing. Proceedings of the VLDB Endowment, 2014, 7, 1953-1964.	3.8	70
143	Breaching IM session privacy using causality. , 2014, , .		4
144	Friends, not foes. , 2014, , .		86

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145	Guarantee IP lookup performance with FIB explosion. , 2014, , .		48
146	A Multiple Hashing Approach to Complete Identification of Missing RFID Tags. IEEE Transactions on Communications, 2014, 62, 1046-1057.	7.8	46
147	High-Speed Application Protocol Parsing and Extraction for Deep Flow Inspection. IEEE Journal on Selected Areas in Communications, 2014, 32, 1864-1880.	14.0	15
148	Bypassing Space Explosion in High-Speed Regular Expression Matching. IEEE/ACM Transactions on Networking, 2014, 22, 1701-1714.	3.8	18
149	Fast Regular Expression Matching Using Small TCAM. IEEE/ACM Transactions on Networking, 2014, 22, 94-109.	3.8	27
150	Energy-Aware Virtual Network Embedding. IEEE/ACM Transactions on Networking, 2014, 22, 1607-1620.	3.8	162
151	A digital watermarking approach to secure and precise range query processing in sensor networks. , 2013, , .		29
152	Quantifying and Verifying Reachability for Access Controlled Networks. IEEE/ACM Transactions on Networking, 2013, 21, 551-565.	3.8	56
153	Cross-Domain Privacy-Preserving Cooperative Firewall Optimization. IEEE/ACM Transactions on Networking, 2013, 21, 857-868.	3.8	19
154	Identifying Leaders and Followers in Online Social Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 618-628.	14.0	32
155	A Ternary Unification Framework for optimizing TCAM-based packet classification systems. , 2013, , .		10
156	A few bits are enough - ASIC friendly Regular Expression matching for high speed network security systems. , 2013, , .		9
157	An Information-Theoretical Approach to High-Speed Flow Nature Identification. IEEE/ACM Transactions on Networking, 2013, 21, 1076-1089.	3.8	25
158	TCAMChecker: A Software Approach to the Error Detection and Correction of TCAM-Based Networking Systems. Journal of Network and Systems Management, 2013, 21, 335-352.	4.9	5
159	Large-Scale Measurement and Characterization of Cellular Machine-to-Machine Traffic. IEEE/ACM Transactions on Networking, 2013, 21, 1960-1973.	3.8	126
160	A difference resolution approach to compressing Access Control Lists. , 2013, , .		8
161	Characterizing geospatial dynamics of application usage in a 3G cellular data network. , 2012, , .		76
162	A large scale exploratory analysis of software vulnerability life cycles. , 2012, , .		89

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163	Firewall fingerprinting. , 2012, , .		8
164	FlowSifter: A counting automata approach to layer 7 field extraction for deep flow inspection. , 2012, , .		15
165	First Step toward Cloud-Based Firewalling. , 2012, , .		31
166	A semantics aware approach to automated reverse engineering unknown protocols. , 2012, , .		87
167	Privacy- and Integrity-Preserving Range Queries in Sensor Networks. IEEE/ACM Transactions on Networking, 2012, 20, 1774-1787.	3.8	34
168	Bit Weaving: A Non-Prefix Approach to Compressing Packet Classifiers in TCAMs. IEEE/ACM Transactions on Networking, 2012, 20, 488-500.	3.8	128
169	Systematic Structural Testing of Firewall Policies. IEEE Transactions on Network and Service Management, 2012, 9, 1-11.	4.9	8
170	Towards high performance security policy evaluation. Journal of Supercomputing, 2012, 59, 1577-1595.	3.6	5
171	Privacy Preserving Collaborative Enforcement of Firewall Policies in Virtual Private Networks. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 887-895.	5.6	17
172	Symmetric Key Approaches to Securing BGPâ€™A Little Bit Trust Is Enough. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 1536-1549.	5.6	12
173	Privacy-preserving cross-domain network reachability quantification. , 2011, , .		10
174	Topological Transformation Approaches to TCAM-Based Packet Classification. IEEE/ACM Transactions on Networking, 2011, 19, 237-250.	3.8	42
175	Offset addressing approach to memory-efficient IP address lookup. , 2011, , .		21
176	Compressing Network Access Control Lists. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 1969-1977.	5.6	32
177	Large scale Hamming distance query processing. , 2011, , .		26
178	Designing Fast and Scalable XACML Policy Evaluation Engines. IEEE Transactions on Computers, 2011, 60, 1802-1817.	3.4	56
179	Split: Optimizing Space, Power, and Throughput for TCAM-Based Classification. , 2011, , .		47
180	RFIDGuard: a lightweight privacy and authentication protocol for passive RFID tags. Security and Communication Networks, 2010, 3, 384-393.	1.5	8

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181	SafeQ: Secure and Efficient Query Processing in Sensor Networks. , 2010, , .		45
182	TCAM Razor: A Systematic Approach Towards Minimizing Packet Classifiers in TCAMs. IEEE/ACM Transactions on Networking, 2010, 18, 490-500.	3.8	178
183	Complete Redundancy Removal for Packet Classifiers in TCAMs. IEEE Transactions on Parallel and Distributed Systems, 2010, 21, 424-437.	5.6	52
184	Quantifying and Querying Network Reachability. , 2010, , .		34
185	Bit weaving: A non-prefix approach to compressing packet classifiers in TCAMs. , 2009, , .		29
186	Fault Localization for Firewall Policies. , 2009, , .		6
187	Firewall Policy Queries. IEEE Transactions on Parallel and Distributed Systems, 2009, 20, 766-777.	5.6	43
188	High-Speed Flow Nature Identification. , 2009, , .		8
189	CENDA: Camouflage Event Based Malicious Node Detection Architecture. , 2009, , .		3
190	Diverse Firewall Design. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 1237-1251.	5.6	102
191	Verification of Distributed Firewalls. , 2008, , .		15
192	Systematic Structural Testing of Firewall Policies. , 2008, , .		15
193	Securing Sensor Nodes Against Side Channel Attacks. , 2008, , .		21
194	TCAM Razor: A Systematic Approach Towards Minimizing Packet Classifiers in TCAMs. , 2007, , .		66