

Xiang-Yang Li

List of Publications by Year in descending order

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257
papers

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257
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docs citations

257
times ranked

5177
citing authors

#	ARTICLE	IF	CITATIONS
1	FedFAIM: A Model Performance-based Fair Incentive Mechanism for Federated Learning. IEEE Transactions on Big Data, 2024, , 1-13.	4.4	9
2	An Efficient Heterogeneous Edge-Cloud Learning Framework for Spectrum Data Compression. IEEE Transactions on Mobile Computing, 2023, 22, 3823-3839.	3.9	6
3	AppDNA: Profiling App Behavior via Deep-Learning Function Call Graphs. IEEE Transactions on Emerging Topics in Computing, 2022, 10, 414-427.	3.2	4
4	Model Protection: Real-Time Privacy-Preserving Inference Service for Model Privacy at the Edge. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 4270-4284.	3.7	6
5	Privacy-Preserving Efficient Federated-Learning Model Debugging. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 2291-2303.	4.0	10
6	OpenCarrier: Breaking the User Limit for Uplink MU-MIMO Transmissions With Coordinated APs. ACM Transactions on Sensor Networks, 2022, 18, 1-21.	2.3	0
7	ANTIGONE: Accurate Navigation Path Caching in Dynamic Road Networks leveraging Route APIs. , 2022, , .		1
8	Online Pricing with Limited Supply and Time-Sensitive Valuations. , 2022, , .		2
9	Shield: Safety Ensured High-efficient Scheduling for Magnetic MIMO Wireless Power Transfer System. , 2022, , .		2
10	WiVi: WiFi-Video Cross-Modal Fusion based Multi-Path Gait Recognition System. , 2022, , .		2
11	Motion-Fi: Recognizing and Counting Repetitive Motions With Wireless Backscattering. IEEE Transactions on Mobile Computing, 2021, 20, 1862-1876.	3.9	6
12	Speech Sanitizer: Speech Content Desensitization and Voice Anonymization. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 2631-2642.	3.7	11
13	PROCS: Power Routing and Current Scheduling in Multi-Relay Magnetic MIMO WPT System. IEEE Transactions on Mobile Computing, 2021, , 1-1.	3.9	5
14	Efficient Federated-Learning Model Debugging. , 2021, , .		15
15	Sample-level Data Selection for Federated Learning. , 2021, , .		40
16	Camel: Context-Aware Magnetic MIMO Wireless Power Transfer with In-band Communication. , 2021, , .		9
17	Crowdsourcing System for Numerical Tasks based on Latent Topic Aware Worker Reliability. , 2021, , .		8
18	IMP: Impedance Matching Enhanced Power-Delivered-to-Load Optimization for Magnetic MIMO Wireless Power Transfer System. , 2021, , .		9

#	ARTICLE	IF	CITATIONS
19	Regularization-Based Coflow Scheduling in Optical Circuit Switches. IEEE/ACM Transactions on Networking, 2021, 29, 1280-1293.	2.6	6
20	ID-Based Hybrid Network Architecture for the AIoT. , 2021, , .		0
21	The Truman Show: Attack On The Privacy Of Smart Homes Through Traffic Analysis. , 2021, , .		0
22	Anti Leakage: Protecting Privacy Hidden in Our Speech. , 2021, , .		0
23	Influence of Influence on Social Networks: Information Propagation Causes Dynamic Networks. , 2021, , .		0
24	Distributed Routing Protocol for Large-Scale Backscatter-enabled Wireless Sensor Network. , 2021, , .		0
25	IMFi: IMU-WiFi based Cross-modal Gait Recognition System with Hot-Deployment. , 2021, , .		1
26	Onion: Dependency-Aware Reliable Communication Protocol for Magnetic MIMO WPT System. , 2021, , .		2
27	CHASE: Charging and Scheduling Scheme for Stochastic Event Capture in Wireless Rechargeable Sensor Networks. IEEE Transactions on Mobile Computing, 2020, 19, 44-59.	3.9	59
28	Online Deadline-Aware Task Dispatching and Scheduling in Edge Computing. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 1270-1286.	4.0	79
29	Joint Power Routing and Current Scheduling in Multi-Relay Magnetic MIMO WPT System. , 2020, , .		11
30	XHAR: Deep Domain Adaptation for Human Activity Recognition with Smart Devices. , 2020, , .		11
31	Weighted Laplacian Method and Its Theoretical Applications. IOP Conference Series: Materials Science and Engineering, 2020, 768, 072032.	0.3	5
32	Subject Property Inference Attack in Collaborative Learning. , 2020, , .		8
33	A novel trusted third party based signcryption scheme. Multimedia Tools and Applications, 2020, 79, 22749-22769.	2.6	7
34	PatronuS: A System for Privacy-Preserving Cloud Video Surveillance. IEEE Journal on Selected Areas in Communications, 2020, 38, 1252-1261.	9.7	13
35	Searching Better Architectures for Neural Machine Translation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 1574-1585.	4.0	14
36	ThumbUp: Identification and Authentication by Smartwatch using Simple Hand Gestures. , 2020, , .		25

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37	FD-Band: A Ubiquitous Fall Detection System Using Low-Cost COTS Smart Band. , 2020, , .		0
38	AccountTrade: Accountability Against Dishonest Big Data Buyers and Sellers. IEEE Transactions on Information Forensics and Security, 2019, 14, 223-234.	4.5	28
39	SCsec: A Secure Near Field Communication System via Screen Camera Communication. IEEE Transactions on Mobile Computing, 2019, , 1-1.	3.9	10
40	ML defense. , 2019, , .		6
41	Joint Online Coflow Routing and Scheduling in Data Center Networks. IEEE/ACM Transactions on Networking, 2019, 27, 1771-1786.	2.6	31
42	Finding the Stars in the Fireworks: Deep Understanding of Motion Sensor Fingerprint. IEEE/ACM Transactions on Networking, 2019, 27, 1945-1958.	2.6	9
43	MilliBack. , 2019, 3, 1-23.		17
44	Social Network De-anonymization. ACM Transactions on Internet Technology, 2019, 19, 1-22.	3.0	5
45	System Statistics Learning-Based IoT Security: Feasibility and Suitability. IEEE Internet of Things Journal, 2019, 6, 6396-6403.	5.5	67
46	Cloak of Invisibility: Privacy-Friendly Photo Capturing and Sharing System. IEEE Transactions on Mobile Computing, 2019, 18, 2488-2501.	3.9	15
47	Noisy Data Collection Towards Diversity Maximization. , 2019, , .		1
48	OnDisc: Online Latency-Sensitive Job Dispatching and Scheduling in Heterogeneous Edge-Clouds. IEEE/ACM Transactions on Networking, 2019, 27, 2472-2485.	2.6	62
49	RFdesk: Record Your Objects on Desktop Using COTS RFID Devices Contactlessly. , 2019, , .		1
50	Privacy-friendly Blockchain Based Data Trading and Tracking. , 2019, , .		3
51	Correction to "Coexist WiFi for ZigBee Networks With Fine-Grained Frequency Approach". IEEE Access, 2019, 7, 170474-170474.	2.6	1
52	Social Network De-Anonymization and Privacy Inference with Knowledge Graph Model. IEEE Transactions on Dependable and Secure Computing, 2019, 16, 679-692.	3.7	52
53	DF-Mose : Device-Free Motion Sensing with Wireless Backscattering. , 2019, , .		1
54	CASTLE : Enhancing the Utility of Inequality Query Auditing Without Denial Threats. IEEE Transactions on Information Forensics and Security, 2018, 13, 1656-1669.	4.5	7

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55	PDA: Semantically Secure Time-Series Data Analytics with Dynamic User Groups. IEEE Transactions on Dependable and Secure Computing, 2018, 15, 260-274.	3.7	7
56	OMCO: Online Multiple Coflow Scheduling in Optical Circuit Switch. , 2018, , .		6
57	Socialite: Social Activity Mining and Friend Auto-labeling. , 2018, , .		3
58	iPand: Accurate Gesture Input with Ambient Acoustic Sensing on Hand. , 2018, , .		1
59	Finding the Stars in the Fireworks: Deep Understanding of Motion Sensor Fingerprint. , 2018, , .		4
60	Towards Privacy-Preserving Speech Data Publishing. , 2018, , .		19
61	Hidebehind. , 2018, , .		32
62	CrowdBuy: Privacy-friendly Image Dataset Purchasing via Crowdsourcing. , 2018, , .		27
63	Can China lead the development of data trading and sharing markets?. Communications of the ACM, 2018, 61, 50-51.	3.3	12
64	Motion-Fi: Recognizing and Counting Repetitive Motions with Passive Wireless Backscattering. , 2018, , .		25
65	iPand: Accurate Gesture Input with Smart Acoustic Sensing on Hand. , 2018, , .		5
66	Requirement-Driven Magnetic Beamforming for MIMO Wireless Power Transfer Optimization. , 2018, , .		17
67	Word-Fi: Accurate Handwrite System Empowered by Wireless Backscattering and Machine Learning. IEEE Network, 2018, 32, 47-53.	4.9	14
68	Detecting Driver's Smartphone Usage via Nonintrusively Sensing Driving Dynamics. IEEE Internet of Things Journal, 2017, 4, 340-350.	5.5	26
69	Montage: Combine Frames with Movement Continuity for Realtime Multi-User Tracking. IEEE Transactions on Mobile Computing, 2017, 16, 1019-1031.	3.9	23
70	Link scheduling for throughput maximization in multihop wireless networks under physical interference. Wireless Networks, 2017, 23, 2415-2430.	2.0	2
71	Incremental Deployment and Throughput Maximization Routing for a Hybrid SDN. IEEE/ACM Transactions on Networking, 2017, 25, 1861-1875.	2.6	89
72	Scalable privacy-preserving participant selection in mobile crowd sensing. , 2017, , .		31

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73	Minimizing Flow Statistics Collection Cost Using Wildcard-Based Requests in SDNs. IEEE/ACM Transactions on Networking, 2017, 25, 3587-3601.	2.6	34
74	Joint Route Selection and Update Scheduling for Low-Latency Update in SDNs. IEEE/ACM Transactions on Networking, 2017, 25, 3073-3087.	2.6	43
75	PIC: Enable Large-Scale Privacy Preserving Content-Based Image Search on Cloud. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 3258-3271.	4.0	70
76	Optimal Monitor Assignment for Preferential Link Tomography in Communication Networks. IEEE/ACM Transactions on Networking, 2017, 25, 210-223.	2.6	21
77	Cloudlet Placement and Minimum-Delay Routing in Cloudlet Computing. , 2017, , .		28
78	Third Party Auditing for Service Assurance in Cloud Computing. , 2017, , .		3
79	Minimizing flow statistics collection cost of SDN using wildcard requests. , 2017, , .		44
80	AccountTrade: Accountable protocols for big data trading against dishonest consumers. , 2017, , .		43
81	Stride-in-the-Loop Relative Positioning Between Users and Dummy Acoustic Speakers. IEEE Journal on Selected Areas in Communications, 2017, 35, 1104-1117.	9.7	5
82	Tagbeat: Sensing Mechanical Vibration Period With COTS RFID Systems. IEEE/ACM Transactions on Networking, 2017, 25, 3823-3835.	2.6	38
83	A Review of Signcryption Schemes Based on Hyper Elliptic Curve. , 2017, , .		17
84	Privacy-friendly photo capturing and sharing system. , 2016, , .		20
85	Real-Time Charging Station Recommendation System for Electric-Vehicle Taxis. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 3098-3109.	4.7	159
86	Graph-based privacy-preserving data publication. , 2016, , .		32
87	Lasagna. , 2016, , .		38
88	De-anonymizing social networks and inferring private attributes using knowledge graphs. , 2016, , .		72
89	High-throughput anycast routing and congestion-free reconfiguration for SDNs. , 2016, , .		0
90	User-Demand-Oriented Privacy-Preservation in Video Delivering. , 2016, , .		2

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91	Ensuring Semantic Validity in Privacy-Preserving Aggregate Statistics. , 2016, , .		0
92	Privacy Inference on Knowledge Graphs: Hardness and Approximation. , 2016, , .		5
93	Budget-Feasible Online Incentive Mechanisms for Crowdsourcing Tasks Truthfully. IEEE/ACM Transactions on Networking, 2016, 24, 647-661.	2.6	166
94	Every Packet Counts: Loss and Reordering Identification and Its Application in Delay Measurement. IEEE/ACM Transactions on Networking, 2016, 24, 3426-3438.	2.6	6
95	SPA: Almost Optimal Accessing of Nonstochastic Channels in Cognitive Radio Networks. IEEE Transactions on Mobile Computing, 2016, 15, 1540-1553.	3.9	7
96	Taming Cross-Technology Interference for Wi-Fi and ZigBee Coexistence Networks. IEEE Transactions on Mobile Computing, 2016, 15, 1009-1021.	3.9	51
97	ESTRA: Incentivizing Storage Trading for Edge Caching in Mobile Content Delivery. , 2015, , .		4
98	PIC: Enable Large-Scale Privacy Preserving Content-Based Image Search on Cloud. , 2015, , .		15
99	Message in a Sealed Bottle: Privacy Preserving Friending in Mobile Social Networks. IEEE Transactions on Mobile Computing, 2015, 14, 1888-1902.	3.9	49
100	Control Cloud Data Access Privilege and Anonymity With Fully Anonymous Attribute-Based Encryption. IEEE Transactions on Information Forensics and Security, 2015, 10, 190-199.	4.5	136
101	Disco: Improving Packet Delivery via Deliberate Synchronized Constructive Interference. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 713-723.	4.0	24
102	Social Networking Reduces Peak Power Consumption in Smart Grid. IEEE Transactions on Smart Grid, 2015, 6, 1403-1413.	6.2	19
103	Conflict Detection Scheme Based on Formal Rule Model for Smart Building Systems. IEEE Transactions on Human-Machine Systems, 2015, 45, 215-227.	2.5	38
104	POP: Privacy-Preserving Outsourced Photo Sharing and Searching for Mobile Devices. , 2015, , .		53
105	Online Sequential Channel Accessing Control: A Double Exploration vs. Exploitation Problem. IEEE Transactions on Wireless Communications, 2015, 14, 4654-4666.	6.1	12
106	Mechanism Design for Finding Experts Using Locally Constructed Social Referral Web. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2316-2326.	4.0	10
107	Beyond one-dollar mouse: A battery-free device for 3D human-computer interaction via RFID tags. , 2015, , .		33
108	Swadloon: Direction Finding and Indoor Localization Using Acoustic Signal by Shaking Smartphones. IEEE Transactions on Mobile Computing, 2015, 14, 2145-2157.	3.9	49

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109	Lightitude: Indoor Positioning Using Ubiquitous Visible Lights and COTS Devices. , 2015, , .		9
110	Anti-counterfeiting via federated RFID tags' fingerprints and geometric relationships. , 2015, , .		36
111	See Through Walls with COTS RFID System!. , 2015, , .		149
112	Truthful Auction Mechanisms with Performance Guarantee in Secondary Spectrum Markets. IEEE Transactions on Mobile Computing, 2015, 14, 1315-1329.	3.9	31
113	Collusion-Tolerable Privacy-Preserving Sum and Product Calculation without Secure Channel. IEEE Transactions on Dependable and Secure Computing, 2015, 12, 45-57.	3.7	67
114	WizBee: Wise ZigBee Coexistence via Interference Cancellation with Single Antenna. IEEE Transactions on Mobile Computing, 2015, 14, 2590-2603.	3.9	47
115	ZigBee vs WiFi: Understanding issues and measuring performances of their coexistence. , 2014, , .		21
116	It starts with iGaze. , 2014, , .		49
117	Pickup Game: Acquainting Neighbors Quickly and Efficiently in Crowd. , 2014, , .		4
118	RainbowRate: MIMO rate adaptation in 802.11n WiLD links. , 2014, , .		4
119	Preferential Link Tomography: Monitor Assignment for Inferring Interesting Link Metrics. , 2014, , .		4
120	A Framework for Amazon EC2 Bidding Strategy under SLA Constraints. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2-11.	4.0	39
121	Free Market of Crowdsourcing: Incentive Mechanism Design for Mobile Sensing. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 3190-3200.	4.0	199
122	Scalability of control planes for Software defined networks: Modeling and evaluation. , 2014, , .		61
123	Aggregation Capacity of Wireless Sensor Networks: Extended Network Case. IEEE Transactions on Computers, 2014, 63, 1351-1364.	2.4	22
124	SA-MAC: Self-Stabilizing Adaptive MAC Protocol for Wireless Sensor Networks. Journal of Computer Science and Technology, 2014, 29, 605-617.	0.9	2
125	KEEP: Fast secret key extraction protocol for D2D communication. , 2014, , .		42
126	Throughput Optimizing Localized Link Scheduling for Multihop Wireless Networks under Physical Interference Model. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2708-2720.	4.0	27

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127	Understanding Multi-Task Schedulability in Duty-Cycling Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2464-2475.	4.0	5
128	Shake and walk: Acoustic direction finding and fine-grained indoor localization using smartphones. , 2014, , .		70
129	Almost Optimal Dynamically-Ordered Channel Sensing and Accessing for Cognitive Networks. IEEE Transactions on Mobile Computing, 2014, 13, 2215-2228.	3.9	23
130	Contiguous Link Scheduling for Data Aggregation in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1691-1701.	4.0	42
131	FLIGHT: Clock Calibration and Context Recognition Using Fluorescent Lighting. IEEE Transactions on Mobile Computing, 2014, 13, 1495-1508.	3.9	25
132	ESTRA: Incentivizing Storage Trading for Edge Caching in Mobile Content Delivery. , 2014, , .		0
133	Energy-Harvesting Technique and Management for Wireless Sensor Networks. , 2014, , 107-168.		0
134	In-Network Estimation with Delay Constraints in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 368-380.	4.0	15
135	Privacy preserving cloud data access with multi-authorities. , 2013, , .		104
136	Distributed scheduling for real-time data collection in Wireless Sensor Networks. , 2013, , .		1
137	Feeling Sensors' Pulse: Accurate Noise Quantification in Participatory Sensing Network. , 2013, , .		2
138	Exploiting Constructive Interference for Scalable Flooding in Wireless Networks. IEEE/ACM Transactions on Networking, 2013, 21, 1880-1889.	2.6	43
139	TriggerCas: Enabling wireless consrucive collisions. , 2013, , .		5
140	Localization of Wireless Sensor Networks in the Wild: Pursuit of Ranging Quality. IEEE/ACM Transactions on Networking, 2013, 21, 311-323.	2.6	100
141	Finding Best and Worst k-Coverage Paths in Multihop Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 2396-2406.	4.0	26
142	Smoothing the energy consumption: Peak demand reduction in smart grid. , 2013, , .		38
143	Privacy-preserving data aggregation without secure channel: Multivariate polynomial evaluation. , 2013, , .		75
144	Message in a Sealed Bottle: Privacy Preserving Friending in Social Networks. , 2013, , .		36

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145	Link Scheduling for Exploiting Spatial Reuse in Multihop MIMO Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1355-1365.	4.0	5
146	Rejecting the attack: Source authentication for Wi-Fi management frames using CSI Information. , 2013, , .		73
147	Search me if you can: Privacy-preserving location query service. , 2013, , .		78
148	Verifiable private multi-party computation: Ranging and ranking. , 2013, , .		27
149	Mobile Sensing and Actuating with Ubiquitous Computing. International Journal of Distributed Sensor Networks, 2012, 8, 296396.	1.3	0
150	Mechanism design for finding experts using locally constructed social referral web. , 2012, , .		5
151	CitySee: Urban CO ₂ monitoring with sensors. , 2012, , .		80
152	Almost optimal dynamically-ordered multi-channel accessing for cognitive networks. , 2012, , .		2
153	Tracking and identifying burglar using collaborative sensor-camera networks. , 2012, , .		5
154	Data gathering in wireless sensor networks through intelligent compressive sensing. , 2012, , .		117
155	WiMAX/OFDMA Burst Scheduling Algorithm to Maximize Scheduled Data. IEEE Transactions on Mobile Computing, 2012, 11, 1692-1705.	3.9	23
156	Almost optimal accessing of nonstochastic channels in cognitive radio networks. , 2012, , .		17
157	Towards Optimal Bidding Strategy for Amazon EC2 Cloud Spot Instance. , 2012, , .		61
158	Exploiting constructive interference for scalable flooding in wireless networks. , 2012, , .		12
159	Efficient Scheduling for Periodic Aggregation Queries in Multihop Sensor Networks. IEEE/ACM Transactions on Networking, 2012, 20, 690-698.	2.6	54
160	Observation vs statistics: Near optimal online channel access in cognitive radio networks. , 2012, , .		1
161	SelectCast: Scalable Data Aggregation Scheme in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 1958-1969.	4.0	13
162	Multicast Capacity Scaling Laws for Multihop Cognitive Networks. IEEE Transactions on Mobile Computing, 2012, 11, 1627-1639.	3.9	12

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163	Towards Optimal Adaptive UFH-Based Anti-Jamming Wireless Communication. IEEE Journal on Selected Areas in Communications, 2012, 30, 16-30.	9.7	62
164	TelosCAM: Identifying Burglar through Networked Sensor-Camera Mates with Privacy Protection. , 2011, , .		7
165	On "Movement-Assisted Connectivity Restoration in Wireless Sensor and Actor Networks". IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 687-694.	4.0	38
166	Relationship classification in large scale online social networks and its impact on information propagation. , 2011, , .		22
167	SelectCast: Scalable data aggregation scheme in wireless sensor networks. , 2011, , .		3
168	TOFU: Semi-Truthful Online Frequency Allocation Mechanism for Wireless Networks. IEEE/ACM Transactions on Networking, 2011, 19, 433-446.	2.6	30
169	Optimal Time-Frequency Diversity Exploitation for Multichannel System under Rayleigh Fading. , 2011, , .		3
170	Cool: On Coverage with Solar-Powered Sensors. , 2011, , .		19
171	Evaluating coverage quality through best covered pathes in wireless sensor networks. , 2011, , .		1
172	Energy-Efficient Localized Routing in Random Multihop Wireless Networks. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 1249-1257.	4.0	17
173	Multiple Objects Device-Free Passive Tracking Using Wireless Sensor Networks. , 2011, , .		1
174	Truthful online spectrum allocation and auction in multi-channel wireless networks. , 2011, , .		9
175	Efficient and fast distributed top-k query protocol in wireless sensor networks. , 2011, , .		3
176	Estimate Aggregation with Delay Constraints in Multihop Wireless Sensor Networks. , 2011, , .		4
177	Topological detection on wormholes in wireless ad hoc and sensor networks. IEEE/ACM Transactions on Networking, 2011, 19, 1787-1796.	2.6	68
178	iLight: Indoor device-free passive tracking using wireless sensor networks. , 2011, , .		17
179	Complexity of Data Collection, Aggregation, and Selection for Wireless Sensor Networks. IEEE Transactions on Computers, 2011, 60, 386-399.	2.4	65
180	Capacity of data collection in randomly-deployed wireless sensor networks. Wireless Networks, 2011, 17, 305-318.	2.0	11

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181	Market Equilibria in Spectrum Trading with Multi-Regions and Multi-Channels. , 2011, , .		0
182	General capacity scaling of wireless networks. , 2011, , .		10
183	Reader Activation Scheduling in Multi-reader RFID Systems: A Study of General Case. , 2011, , .		14
184	Cost sharing and strategyproof mechanisms for set cover games. Journal of Combinatorial Optimization, 2010, 20, 259-284.	0.8	6
185	Multicast throughput for large scale cognitive networks. Wireless Networks, 2010, 16, 1945-1960.	2.0	6
186	Dealing with Selfishness and Moral Hazard in Noncooperative Wireless Networks. IEEE Transactions on Mobile Computing, 2010, 9, 420-434.	3.9	16
187	PROXIMITY STRUCTURES FOR GEOMETRIC GRAPHS. International Journal of Computational Geometry and Applications, 2010, 20, 415-429.	0.3	5
188	Refresh: Weak Privacy Model for RFID Systems. , 2010, , .		41
189	False Negative Problem of Counting Bloom Filter. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 651-664.	4.0	48
190	Energy-Efficient Wake-Up Scheduling for Data Collection and Aggregation. IEEE Transactions on Parallel and Distributed Systems, 2010, 21, 275-287.	4.0	173
191	Adaptive Sampling and Diversity Reception in Multi-hop Wireless Audio Sensor Networks. , 2010, , .		13
192	TODA: Truthful Online Double Auction for Spectrum Allocation in Wireless Networks. , 2010, , .		117
193	DREAM: On the reaction delay in large scale wireless networks with mobile sensors. , 2010, , .		0
194	Distributed Gateway Placement for Cost Minimization in Wireless Mesh Networks. , 2010, , .		4
195	Multicast Throughput of Hybrid Wireless Networks Under Gaussian Channel Model. , 2009, , .		8
196	Efficient Data Aggregation in Multi-Hop WSNs. , 2009, , .		13
197	XOR Rescue: Exploiting Network Coding in Lossy Wireless Networks. , 2009, , .		29
198	Order-optimal data collection in wireless sensor networks: Delay and capacity. , 2009, , .		12

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199	Efficient data collection for wireless networks: Delay and energy tradeoffs. , 2009, , .		1
200	Topological detection on wormholes in wireless ad hoc and sensor networks. , 2009, , .		13
201	RASPBerry: A stable reader activation scheduling protocol in multi-reader RFID systems. , 2009, , .		36
202	Reliable and Energy-Efficient Routing for Static Wireless Ad Hoc Networks with Unreliable Links. IEEE Transactions on Parallel and Distributed Systems, 2009, 20, 1408-1421.	4.0	57
203	Randomizing RFID private authentication. , 2009, , .		10
204	Joint Throughput Optimization for Wireless Mesh Networks. IEEE Transactions on Mobile Computing, 2009, 8, 895-909.	3.9	45
205	EUL: An Efficient and Universal Localization Method for Wireless Sensor Network. , 2009, , .		8
206	Achievable multicast throughput for homogeneous wireless ad hoc networks. , 2009, , .		1
207	Optimal k-support coverage paths in wireless sensor networks. , 2009, , .		0
208	Capacity bounds for large scale wireless ad hoc networks under Gaussian channel model. , 2009, , .		1
209	Efficient data aggregation in multi-hop wireless sensor networks under physical interference model. , 2009, , .		18
210	Multicast capacity of multihop cognitive networks. , 2009, , .		6
211	Data collection capacity of random-deployed wireless sensor networks. , 2009, , .		7
212	Energy Efficient Target-Oriented Scheduling in Directional Sensor Networks. IEEE Transactions on Computers, 2009, 58, 1259-1274.	2.4	115
213	Gateway Placement for Throughput Optimization in Wireless Mesh Networks. Mobile Networks and Applications, 2008, 13, 198-211.	2.2	82
214	Interference-Aware Joint Routing and TDMA Link Scheduling for Static Wireless Networks. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 1709-1726.	4.0	76
215	Broadcast capacity for wireless ad hoc networks. , 2008, , .		13
216	Efficient Algorithms for p-Self-Protection Problem in Static Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 1426-1438.	4.0	18

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217	Distributed Call Admission Protocol for Multi-Channel Multi-Radio Wireless Networks. , 2007, , .		8
218	Maximizing throughput multicast routing for wireless networks. , 2007, , .		0
219	Efficient Delaunay-based localized routing for wireless sensor networks. International Journal of Communication Systems, 2007, 20, 767-789.	1.6	25
220	OVSF-CDMA Code Assignment in Wireless Ad-Hoc Networks. Algorithmica, 2007, 49, 264-285.	1.0	5
221	Maximizing Throughput Multicast Routing for Wireless Networks. , 2007, , .		1
222	Low-cost routing in selfish and rational wireless ad hoc networks. IEEE Transactions on Mobile Computing, 2006, 5, 596-607.	3.9	47
223	Efficient distributed low-cost backbone formation for wireless networks. IEEE Transactions on Parallel and Distributed Systems, 2006, 17, 681-693.	4.0	54
224	Design differentiated service multicast with selfish agents. IEEE Journal on Selected Areas in Communications, 2006, 24, 1061-1073.	9.7	6
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