Xinbing Wang

List of Publications by Year
in descending order

253 papers	4,587 citations	172386 29 h-index	155592 55 g-index
254 all docs	254 docs citations	254 times ranked	3824 citing authors

#	Article	IF	Citations
1	Collective Influence Maximization in Mobile Social Networks. IEEE Transactions on Mobile Computing, 2023, 22, 797-812.	3.9	2
2	Matrix Gaussian Mechanisms for Differentially-Private Learning. IEEE Transactions on Mobile Computing, 2023, 22, 1036-1048.	3.9	3
3	Tracing Truth and Rumor Diffusions Over Mobile Social Networks: Who are the Initiators?. IEEE Transactions on Mobile Computing, 2023, 22, 2473-2490.	3.9	3
4	Optimizing Cross-Line Dispatching for Minimum Electric Bus Fleet. IEEE Transactions on Mobile Computing, 2023, 22, 2307-2322.	3.9	3
5	On Social Network De-Anonymization With Communities: A Maximum A Posteriori Perspective. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 2859-2874.	4.0	1
6	Differentially-Private Deep Learning With Directional Noise. IEEE Transactions on Mobile Computing, 2023, 22, 2599-2612.	3.9	1
7	Maximizing the Spread of Effective Information in Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 4062-4076.	4.0	1
8	Evolving Bipartite Model Reveals the Bounded Weights in Mobile Social Networks. IEEE Transactions on Mobile Computing, 2022, 21, 971-985.	3.9	1
9	Joint Charging and Relocation Recommendation for E-Taxi Drivers via Multi-Agent Mean Field Hierarchical Reinforcement Learning. IEEE Transactions on Mobile Computing, 2022, 21, 1274-1290.	3.9	20
10	Cooperative Service Placement and Scheduling in Edge Clouds: A Deadline-Driven Approach. IEEE Transactions on Mobile Computing, 2022, 21, 3519-3535.	3.9	14
11	Collective De-Anonymization of Social Networks With Optional Seeds. IEEE Transactions on Mobile Computing, 2022, 21, 4218-4232.	3.9	3
12	Improving accuracy of automatic optical inspection with machine learning. Frontiers of Computer Science, 2022, 16, 1.	1.6	4
13	Enabling Optimal Control Under Demand Elasticity for Electric Vehicle Charging Systems. IEEE Transactions on Mobile Computing, 2022, 21, 955-970.	3.9	6
14	On the Similarity Between von Neumann Graph Entropy and Structural Information: Interpretation, Computation, and Applications. IEEE Transactions on Information Theory, 2022, 68, 2182-2202.	1.5	7
15	Online Spatial Crowdsensing With Expertise-Aware Truth Inference and Task Allocation. IEEE Journal on Selected Areas in Communications, 2022, 40, 412-427.	9.7	12
16	Measuring Social Network De-Anonymizability by Means of Morphism Property. IEEE/ACM Transactions on Networking, 2022, 30, 2744-2759.	2.6	1
17	Connectivity Maintenance in Uncertain Networks under Adversarial Attack. , 2022, , .		1
18	STP-TrellisNets+: Spatial-Temporal Parallel TrellisNets for Multi-Step Metro Station Passenger Flow Prediction. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-14.	4.0	5

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19	Analyzing and de-anonymizing Bitcoin networks: An IP matching method with clustering and heuristics. China Communications, 2022, 19, 263-278.	2.0	1
20	Adaptive Diffusion of Sensitive Information in Online Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3020-3034.	4.0	10
21	Joint Scheduling and Incentive Mechanism for Spatio-Temporal Vehicular Crowd Sensing. IEEE Transactions on Mobile Computing, 2021, 20, 1449-1464.	3.9	27
22	Efficient Block Propagation in Wireless Blockchain Networks and Its Application in Bitcoin. IEEE Transactions on Network Science and Engineering, 2021, 8, 3349-3368.	4.1	3
23	Seeking the Truth in a Decentralized Manner. IEEE/ACM Transactions on Networking, 2021, 29, 2296-2312.	2.6	5
24	Fast Batch Reading Densely Deployed QR Codes. IEEE Transactions on Mobile Computing, 2021, , 1-1.	3.9	1
25	CSI Fingerprinting Localization With Low Human Efforts. IEEE/ACM Transactions on Networking, 2021, 29, 372-385.	2.6	32
26	Can we 'feel' the temperature of knowledge? Modelling scientific popularity dynamics via thermodynamics. PLoS ONE, 2021, 16, e0244618.	1.1	0
27	Bridging the Gap between von Neumann Graph Entropy and Structural Information: Theory and Applications. , 2021, , .		2
28	Unraveling the Detectability of Stochastic Block Model With Overlapping Communities. IEEE Transactions on Network Science and Engineering, 2021, 8, 1443-1455.	4.1	2
29	Wi-Fi Localization Enabling Self-Calibration. IEEE/ACM Transactions on Networking, 2021, 29, 904-917.	2.6	19
30	De-anonymizing Social Networks Under Partial Overlap: An F-score Based Approach. , 2021, , .		0
31	Geoscience knowledge graph in the big data era. Science China Earth Sciences, 2021, 64, 1105-1114.	2.3	37
32	ITE: A Structural Entropy Based Approach for Source Detection. , 2021, , .		2
33	Towards Fine-Grained Spatio-Temporal Coverage for Vehicular Urban Sensing Systems. , 2021, , .		4
34	GAKG: A Multimodal Geoscience Academic Knowledge Graph. , 2021, , .		9
35	Location-Aware Crowdsensing: Dynamic Task Assignment and Truth Inference. IEEE Transactions on Mobile Computing, 2020, 19, 362-375.	3.9	34
36	Energy Efficiency in Multihop Wireless Networks with Unreliable Links. IEEE Transactions on Network Science and Engineering, 2020, 7, 576-588.	4.1	3

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37	RF Fingerprints Prediction for Cellular Network Positioning: A Subspace Identification Approach. IEEE Transactions on Mobile Computing, 2020, 19, 450-465.	3.9	17
38	Unraveling Impact of Critical Sensing Range on Mobile Camera Sensor Networks. IEEE Transactions on Mobile Computing, 2020, 19, 982-996.	3.9	10
39	Joint Recommendations in Multilayer Mobile Social Networks. IEEE Transactions on Mobile Computing, 2020, 19, 2358-2373.	3.9	11
40	Relay-Assisted Multicast With Markov Mobility. IEEE Transactions on Network Science and Engineering, 2020, 7, 1055-1066.	4.1	2
41	Learning-Aided Computation Offloading for Trusted Collaborative Mobile Edge Computing. IEEE Transactions on Mobile Computing, 2020, 19, 2833-2849.	3.9	99
42	Evolution Matters: Content Transmission in Evolving Wireless Social Networks. IEEE Transactions on Wireless Communications, 2020, 19, 7377-7391.	6.1	2
43	Maximum Value Matters: Finding Hot Topics in Scholarly Fields. IEEE Transactions on Network Science and Engineering, 2020, 7, 3246-3256.	4.1	3
44	Neighborhood Matters: Influence Maximization in Social Networks with Limited Access. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	4.0	10
45	Performance Analysis on Distributed Storage Systems in Ring Networks. IEEE Transactions on Vehicular Technology, 2020, , 1-1.	3.9	1
46	De-Anonymizing Social Networks With Overlapping Community Structure. IEEE/ACM Transactions on Networking, 2020, 28, 360-375.	2.6	10
47	Evolving Influence Maximization in Evolving Networks. ACM Transactions on Internet Technology, 2020, 20, 1-31.	3.0	5
48	Context-Aware Deep Model Compression for Edge Cloud Computing. , 2020, , .		7
49	An Intelligence-Driven Security-Aware Defense Mechanism for Advanced Persistent Threats. IEEE Transactions on Information Forensics and Security, 2019, 14, 646-661.	4.5	40
50	Energy Efficiency of Secure Cognitive Radio Networks with Cooperative Spectrum Sharing. IEEE Transactions on Mobile Computing, 2019, 18, 305-318.	3.9	25
51	Energy-Efficient and Robust Tensor-Encoder for Wireless Camera Networks in Internet of Things. IEEE Transactions on Network Science and Engineering, 2019, 6, 646-656.	4.1	8
52	Multicast Scaling of Capacity and Energy Efficiency in Heterogeneous Wireless Sensor Networks. ACM Transactions on Sensor Networks, 2019, 15, 1-32.	2.3	6
53	When Crowdsourcing Meets Social IoT: An Efficient Privacy-Preserving Incentive Mechanism. IEEE Internet of Things Journal, 2019, 6, 9707-9721.	5.5	14
54	A greedy-based approach of fast transaction broadcasting in bitcoin networks. , 2019, , .		3

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55	Data Driven Resource Allocation for NFV-Based Internet of Things. IEEE Internet of Things Journal, 2019, 6, 8310-8322.	5.5	8
56	Dynamic Task Pricing in Multi-Requester Mobile Crowd Sensing with Markov Correlated Equilibrium. , 2019, , .		23
57	Batch Localization Based on OFDMA Backscatter. , 2019, 3, 1-25.		15
58	Maximizing Influence Diffusion over Evolving Social Networks. , 2019, , .		6
59	Data-Driven Pricing for Sensing Effort Elicitation in Mobile Crowd Sensing Systems. IEEE/ACM Transactions on Networking, 2019, 27, 2208-2221.	2.6	27
60	Wandering between close and apart. , 2019, , .		0
61	iBlink: A Wearable Device Facilitating Facial Paralysis Patients to Blink. IEEE Transactions on Mobile Computing, 2019, 18, 1789-1801.	3.9	8
62	Performance Analysis of Wi-Fi Indoor Localization with Channel State Information. IEEE Transactions on Mobile Computing, 2019, 18, 1870-1884.	3.9	17
63	Core Percolation in Interdependent Networks. IEEE Transactions on Network Science and Engineering, 2019, 6, 952-967.	4.1	5
64	Modeling, Analysis and Validation of Evolving Networks With Hybrid Interactions. IEEE/ACM Transactions on Networking, 2019, 27, 126-142.	2.6	7
65	Hierarchical Cooperation Improves Delay in Cognitive Radio Networks with Heterogeneous Mobile Secondary Nodes. IEEE Transactions on Mobile Computing, 2019, 18, 2871-2884.	3.9	10
66	FineLoc: A Fine-Grained Self-Calibrating Wireless Indoor Localization System. IEEE Transactions on Mobile Computing, 2019, 18, 2077-2090.	3.9	33
67	Coded Caching Under Arbitrary Popularity Distributions. IEEE Transactions on Information Theory, 2018, 64, 349-366.	1.5	86
68	Joint Optimization of Multicast Energy in Delay-Constrained Mobile Wireless Networks. IEEE/ACM Transactions on Networking, 2018, 26, 633-646.	2.6	19
69	FINE: A Framework for Distributed Learning on Incomplete Observations for Heterogeneous Crowdsensing Networks. IEEE/ACM Transactions on Networking, 2018, 26, 1092-1109.	2.6	6
70	Interest-Aware Information Diffusion in Evolving Social Networks. IEEE Transactions on Wireless Communications, 2018, 17, 4593-4606.	6.1	5
71	Impact of Content Popularity on Information Coverage in Online Social Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 7465-7474.	3.9	4
72	Asymptotic Analysis of Inhomogeneous Information-Centric Wireless Networks With Infrastructure Support. IEEE Transactions on Vehicular Technology, 2018, 67, 5245-5259.	3.9	7

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73	Seeking powerful information initial spreaders in online social networks: a dense group perspective. Wireless Networks, 2018, 24, 2973-2991.	2.0	3
74	Improve Accuracy of Fingerprinting Localization with Temporal Correlation of the RSS. IEEE Transactions on Mobile Computing, 2018, 17, 113-126.	3.9	31
75	Optimization of Fingerprints Reporting Strategy for WLAN Indoor Localization. IEEE Transactions on Mobile Computing, 2018, 17, 390-403.	3.9	22
76	Who to Connect to? Joint Recommendations in Cross-layer Social Networks. , 2018, , .		5
77	Ranking the Future Influence of Scientific Literatures. , 2018, , .		1
78	GLP: A Novel Framework for Group-Level Location Promotion in Geo-Social Networks. IEEE/ACM Transactions on Networking, 2018, 26, 2870-2883.	2.6	14
79	Large-scale Wireless Fingerprints Prediction for Cellular Network Positioning. , 2018, , .		1
80	Content Delivery in Cache-Enabled Wireless Evolving Social Networks. IEEE Transactions on Wireless Communications, 2018, 17, 6749-6761.	6.1	17
81	Toward a Quality-Aware Online Pricing Mechanism for Crowdsensed Wireless Fingerprints. IEEE Transactions on Vehicular Technology, 2018, 67, 5953-5964.	3.9	10
82	Social-Aware Content Sharing in D2D Communications: An Optimal Stopping Approach. , 2018, , .		3
83	Towards Secure and Energy-Efficient CRNs Via Embracing Interference: A Stochastic Geometry Approach. IEEE Access, 2018, 6, 36757-36770.	2.6	4
84	Crowdsensing-Based Consensus Incident Report for Road Traffic Acquisition. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2536-2547.	4.7	44
85	Multi-Rack Regenerating Codes for Hierarchical Distributed Storage Systems. , 2018, , .		2
86	Unraveling the Impact of Users' Interest on Information Dissemination in Wireless Networks. IEEE Access, 2018, 6, 32687-32699.	2.6	4
87	Secrecy Capacity Scaling of Large-Scale Networks With Social Relationships. IEEE Transactions on Vehicular Technology, 2017, 66, 2688-2702.	3.9	16
88	Social Crowdsourcing to Friends: An Incentive Mechanism for Multi-Resource Sharing. IEEE Journal on Selected Areas in Communications, 2017, 35, 795-808.	9.7	17
89	Incentivize Multi-Class Crowd Labeling Under Budget Constraint. IEEE Journal on Selected Areas in Communications, 2017, 35, 893-905.	9.7	24
90	Modeling Multicast Group in Wireless Social Networks: A Combination of Geographic and Non-Geographic Perspective. IEEE Transactions on Wireless Communications, 2017, 16, 4023-4037.	6.1	6

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91	Connectivity Analysis in Wireless Networks With Correlated Mobility and Cluster Scalability. IEEE/ACM Transactions on Networking, 2017, 25, 2375-2390.	2.6	3
92	Data Backlog Analysis in Energy Harvesting Communication Systems. IEEE Access, 2017, , 1-1.	2.6	7
93	Performance Analysis of RSS Fingerprinting Based Indoor Localization. IEEE Transactions on Mobile Computing, 2017, 16, 2847-2861.	3.9	71
94	ConMap. , 2017, , .		11
95	DRIMUX: Dynamic Rumor Influence Minimization with User Experience in Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 2168-2181.	4.0	121
96	Offloading in HCNs: Congestion-Aware Network Selection and User Incentive Design. IEEE Transactions on Wireless Communications, 2017, 16, 6479-6492.	6.1	26
97	Determining Source–Destination Connectivity in Uncertain Networks: Modeling and Solutions. IEEE/ACM Transactions on Networking, 2017, 25, 3237-3252.	2.6	20
98	Incentivizing Crowdsensing With Location-Privacy Preserving. IEEE Transactions on Wireless Communications, 2017, 16, 6940-6952.	6.1	68
99	Capacity of Social-Aware Wireless Networks With Directional Antennas. IEEE Transactions on Communications, 2017, 65, 4831-4844.	4.9	6
100	On the Greedy Resource Occupancy Threat in Dynamic Spectrum Access. IEEE Transactions on Vehicular Technology, 2017, 66, 11233-11248.	3.9	4
101	Asymptotic Analysis on Content Placement and Retrieval in MANETs. IEEE/ACM Transactions on Networking, 2017, 25, 1103-1118.	2.6	9
102	Distributed Multicast Tree Construction in Wireless Sensor Networks. IEEE Transactions on Information Theory, 2017, 63, 280-296.	1.5	37
103	Are We Connected? Optimal Determination of Source–Destination Connectivity in Random Networks. IEEE/ACM Transactions on Networking, 2017, 25, 751-764.	2.6	31
104	A Picture is Worth a Thousand Words: Share Your Real-Time View on the Road. IEEE Transactions on Vehicular Technology, 2017, 66, 2902-2914.	3.9	15
105	Core Percolation in Coupled Networks. , 2017, , .		0
106	iBILL: Using iBeacon and Inertial Sensors for Accurate Indoor Localization in Large Open Areas. IEEE Access, 2017, 5, 14589-14599.	2.6	51
107	Complexity vs. optimality: Unraveling source-destination connection in uncertain graphs. , 2017, , .		8
108	Transmission Rate Analysis in Multi-Level Hierarchical Coded Caching. , 2017, , .		1

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109	De-Anonymization of Networks with Communities: When Quantifications Meet Algorithms. , 2017, , .		4
110	Performance analysis on distributed storage systems in ring networks. , 2017, , .		1
111	Optimal Data Traffic Pricing in Socially-Aware Network: A Game Theoretic Approach. , 2016, , .		1
112	Text Network Exploration via Heterogeneous Web of Topics. , 2016, , .		2
113	Capacity of Wireless Networks with Social Behavior and Directional Antennas. , 2016, , .		4
114	Lane-Level Vehicular Localization Utilizing Smartphones. , 2016, , .		4
115	Crowdclustering items into overlapping clusters. , 2016, , .		0
116	Contrastive topic evolution discovery via nonnegative matrix factorization. , 2016, , .		0
117	VDNet: an infrastructure-less UAV-assisted sparse VANET system with vehicle location prediction. Wireless Communications and Mobile Computing, 2016, 16, 2991-3003.	0.8	45
118	Cooperative Spectrum Sharing in D2D-Enabled Cellular Networks. IEEE Transactions on Communications, 2016, , 1-1.	4.9	18
119	Information-Centric Networks with Correlated Mobility. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	3.9	8
120	The Value Strength Aided Information Diffusion in Socially-Aware Mobile Networks. IEEE Access, 2016, 4, 3907-3919.	2.6	31
121	Temporal correlation of the RSS improves accuracy of fingerprinting localization. , 2016, , .		17
122	OnTac: Online task assignment for crowdsourcing. , 2016, , .		1
123	Modeling Dynamic Adaptive Streaming Over Information-Centric Networking. IEEE Access, 2016, 4, 8362-8374.	2.6	7
124	Information recovery via block compressed sensing in wireless sensor networks. , 2016, , .		6
125	Scalable Video-on-Demand Streaming for Heterogeneous Clients in Wireless Network. , 2016, , .		0
126	Online Multiclass Learning with "Bandit" Feedback under a Confidence-Weighted Approach. , 2016, , .		1

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127	Impacts of Social Relationships and Inhomogeneous Node Distribution on the Network Performance. IEEE Transactions on Wireless Communications, 2016, 15, 5467-5479.	6.1	3
128	A Contract-Based Incentive Mechanism for Delayed Traffic Offloading in Cellular Networks. IEEE Transactions on Wireless Communications, 2016, 15, 5314-5327.	6.1	58
129	Impact of Social Relation and Group Size in Multicast Ad Hoc Networks. IEEE/ACM Transactions on Networking, 2016, 24, 1989-2004.	2.6	7
130	An Energy Efficiency Perspective on Rate Adaptation for 802.11n NIC. IEEE Transactions on Mobile Computing, 2016, 15, 1333-1347.	3.9	12
131	Capacity of Wireless Networks With Social Characteristics. IEEE Transactions on Wireless Communications, 2016, 15, 1505-1516.	6.1	21
132	Network Connectivity With Inhomogeneous Correlated Mobility. IEEE Transactions on Wireless Communications, 2016, 15, 4307-4320.	6.1	6
133	Mobility Weakens the Distinction Between Multicast and Unicast. IEEE/ACM Transactions on Networking, 2016, 24, 1350-1363.	2.6	6
134	Contract-Based Traffic Offloading over Delay Tolerant Networks. , 2015, , .		2
135	Profit maximization for secondary users in dynamic spectrum auction of cognitive radio networks. Wireless Communications and Mobile Computing, 2015, 15, 1331-1341.	0.8	1
136	Two-Dimensional Route Switching in Cognitive Radio Networks: A Game-Theoretical Framework. IEEE/ACM Transactions on Networking, 2015, 23, 1053-1066.	2.6	24
137	Incentivize crowd labeling under budget constraint. , 2015, , .		81
138	Coded caching under arbitrary popularity distributions. , 2015, , .		64
139	Connectivity and Transmission Delay in Large-Scale Cognitive Radio Ad Hoc Networks With Unreliable Secondary Links. IEEE Transactions on Wireless Communications, 2015, 14, 7016-7029.	6.1	6
140	On Stochastic Analysis of Greedy Routing in Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 3353-3366.	4.7	28
141	Large-scale online sequential behavior analysis with latent graphical model. , 2015, , .		0
142	Near-Optimal Scheme for Cognitive Radio Networks With Heterogeneous Mobile Secondary Users. IEEE Transactions on Communications, 2015, 63, 1106-1120.	4.9	3
143	Cooperation Improves Delay in Cognitive Networks With Hybrid Random Walk. IEEE Transactions on Communications, 2015, 63, 1988-2000.	4.9	5
144	Analysis of Random Walk Mobility Models with Location Heterogeneity. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2657-2670.	4.0	6

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145	The collocation of measurement points in large open indoor environment. , 2015, , .		6
146	Fundamental limits of RSS fingerprinting based indoor localization. , 2015, , .		85
147	Throughput and Delay in Heterogeneous Cognitive Radio Networks with Cooperative Secondary Users. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2586-2598.	4.0	4
148	The Role of Location Popularity in Multicast Mobile Ad Hoc Networks. IEEE Transactions on Wireless Communications, 2015, 14, 2131-2143.	6.1	6
149	Impact of Location Popularity on Throughput and Delay in Mobile Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2015, 14, 1004-1017.	3.9	9
150	A game approach for cooperative spectrum sharing in cognitive radio networks. Wireless Communications and Mobile Computing, 2015, 15, 538-551.	0.8	9
151	Interference Exploitation in D2D-enabled Cellular Networks: A Secrecy Perspective. IEEE Transactions on Communications, 2014, , 1-1.	4.9	106
152	Are we still friends: Kernel multivariate survival analysis. , 2014, , .		0
153	Data offloading in two-tier networks: A contract design approach. , 2014, , .		5
154	A predictive methodology for truthful double spectrum auctions in cognitive radio networks. , 2014, , .		1
155	Multi-class labeling with BCH codes for mobile crowdsensing. , 2014, , .		1
156	Answer inference for crowdsourcing based scoring. , 2014, , .		1
157	Detecting the greedy spectrum occupancy threat in cognitive radio networks. , 2014, , .		1
158	Evolution-Cast: Temporal Evolution in Wireless Social Networks and Its Impact on Capacity. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2583-2594.	4.0	14
159	Correction to â€œAsymptotic Analysis on Throughput and Delay in Cognitive Social Networksâ€. IEEE Transactions on Communications, 2014, 62, 4164-4164.	4.9	0
160	Right time in right place: Taming workload balancing oscillations in internet data center cost management. , 2014, , .		0
161	Two Dimension Spectrum Allocation for Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2014, 13, 1410-1423.	6.1	20
162	Multicast Capacity With Max-Min Fairness for Heterogeneous Networks. IEEE/ACM Transactions on Networking, 2014, 22, 622-635.	2.6	14

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163	Optimal Multicast Capacity and DelayTradeoffs in MANETs. IEEE Transactions on Mobile Computing, 2014, 13, 1104-1117.	3.9	19
164	Critical sensing range for mobile heterogeneous camera sensor networks. , 2014, , .		26
165	CityDrive: A map-generating and speed-optimizing driving system. , 2014, , .		22
166	Scaling laws for heterogeneous cognitive radio networks with cooperative secondary users. , 2014, , .		3
167	Multicast Capacity in MANET with Infrastructure Support. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1808-1818.	4.0	8
168	Function Computation over Heterogeneous Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1756-1766.	4.0	2
169	Node Density and Delay in Large-Scale Wireless Networks With Unreliable Links. IEEE/ACM Transactions on Networking, 2014, 22, 1150-1163.	2.6	14
170	Contract-Based Traffic Offloading over Delay Tolerant Networks. , 2014, , .		0
171	Mobility Increases the Connectivity of Wireless Networks. IEEE/ACM Transactions on Networking, 2013, 21, 440-454.	2.6	49
172	Hybrid channel assignment in multi-hop multi-radio cognitive ad hoc network. , 2013, , .		5
173	Opportunistic access for cooperative cognitive radio networks with requirement constraint. , 2013, , .		2
174	Non-asymptotic multicast throughput capacity in multi-hop wireless networks. , 2013, , .		2
175	Cooperative relaying schemes for device-to-device communication underlaying cellular networks. , 2013, , .		7
176	Impact of location heterogeneity on random walk mobility models. , 2013, , .		0
177	Incentive mechanism for access permission and spectrum trading in femtocell network. , 2013, , .		4
178	EESM-based fingerprint algorithm for Wi-Fi indoor positioning system. , 2013, , .		3
179	Multicast capacity of wireless ad hoc networks with infrastructure support. , 2012, , .		1
180	Efficient wireless sensor networks scheduling scheme: Game theoretic analysis and algorithm. , 2012, , .		4

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181	Singleton spectrum mobility games with incomplete information. , 2012, , .		4
182	A discriminatory pricing double auction for spectrum allocation. , 2012, , .		26
183	Near-optimal spectrum allocation for cognitive radios: A frequency-time auction perspective. , 2012, , .		3
184	Energy and latency analysis for in-network computation with compressive sensing in wireless sensor networks. , 2012, , .		6
185	Combinatorial auction with time-frequency flexibility in cognitive radio networks. , 2012, , .		67
186	Capacity in arbitrary wireless ad hoc networks with MIMO and power constraint. , 2012, , .		0
187	Percolation Degree of Secondary Users in Cognitive Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 1994-2005.	9.7	14
188	A generic framework for throughput-optimal control in MR-MC wireless networks. , 2012, , .		9
189	Scaling laws for cognitive radio network with heterogeneous mobile secondary users. , 2012, , .		12
190	Multicast Performance With Hierarchical Cooperation. IEEE/ACM Transactions on Networking, 2012, 20, 917-930.	2.6	64
191	A Distributed-Centralized Scheme for Short- and Long-Term Spectrum Sharing with a Random Leader in Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 2274-2284.	9.7	16
192	Achieving Full View Coverage with Randomly-Deployed Heterogeneous Camera Sensors. , 2012, , .		39
193	Random Leader: A distributed-centralized spectrum sharing scheme in Cognitive Radios. , 2012, , .		4
194	Spectrum trading with insurance in cognitive radio networks. , 2012, , .		10
195	History based predictive routing in multi-lane delay tolerable VANETs. , 2012, , .		2
196	Multicast capacity in mobile wireless ad hoc network with infrastructure support. , 2012, , .		7
197	Motioncast with general Markovian mobility. , 2012, , .		2
198	Cooperation Achieves Optimal Multicast Capacity-Delay Scaling in MANET. IEEE Transactions on Communications, 2012, 60, 3023-3031.	4.9	13

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199	Capacity Scaling of General Cognitive Networks. IEEE/ACM Transactions on Networking, 2012, 20, 1501-1513.	2.6	38
200	Cognitive transmission based on data priority classification in WSNs for Smart Grid. , 2012, , .		3
201	Dynamic cluster based price control and gateway management for VANETs. , 2012, , .		8
202	Efficient spectrum utilization with selfish secondary users in cognitive radio networks. , 2012, , .		0
203	Multicast Capacity for VANETs with Directional Antenna and Delay Constraint. IEEE Journal on Selected Areas in Communications, 2012, 30, 818-833.	9.7	45
204	Impact of Mobility and Heterogeneity on Coverage and Energy Consumption in Wireless Sensor Networks. , 2011, , .		27
205	Spectrum Trading in Cognitive Radio Networks: A Contract-Theoretic Modeling Approach. IEEE Journal on Selected Areas in Communications, 2011, 29, 843-855.	9.7	358
206	Delay and Capacity Tradeoff Analysis for MotionCast. IEEE/ACM Transactions on Networking, 2011, 19, 1354-1367.	2.6	192
207	Edge Self-Monitoring for Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 514-527.	4.0	26
208	Throughput and delay scaling of general cognitive networks. , 2011, , .		44
209	Capacity Theorem and Optimal Power Allocation for Frequency Division Multiple-Access Relay Channels. , 2011, , .		0
210	MAP: Multiauctioneer Progressive Auction for Dynamic Spectrum Access. IEEE Transactions on Mobile Computing, 2011, 10, 1144-1161.	3.9	182
211	A novel IEEE 802.11-based MAC protocol supporting cooperative communications. International Journal of Communication Systems, 2011, 24, 1480-1495.	1.6	21
212	Cooperative Spectrum Allocation for Cognitive Radio Network: An Evolutionary Approach. , 2011, , .		15
213	Fast Spectrum Sharing for Cognitive Radio Networks: A Joint Time-Spectrum Perspective. , 2011, , .		3
214	Energy-Constrained Cooperative Spectrum Sensing in Cognitive Radio Networks. , 2011, , .		6
215	A game approach for cell selection and resource allocation in heterogeneous wireless networks. , 2011, , .		36
216	A Distributed Relay Selection Algorithm Using Game on Real-Time Testbed. , 2011, , .		1

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