

Xinbing Wang

List of Publications by Year in descending order

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253
papers

4,587
citations

172457

29
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155660

55
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254
all docs

254
docs citations

254
times ranked

3824
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectrum Trading in Cognitive Radio Networks: A Contract-Theoretic Modeling Approach. IEEE Journal on Selected Areas in Communications, 2011, 29, 843-855.	14.0	358
2	Distributed scheduling scheme for video streaming over multi-channel multi-radio multi-hop wireless networks. IEEE Journal on Selected Areas in Communications, 2010, 28, 409-419.	14.0	220
3	Spectrum Sharing in Cognitive Radio Networks—An Auction-Based Approach. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 587-596.	5.0	212
4	Delay and Capacity Tradeoff Analysis for MotionCast. IEEE/ACM Transactions on Networking, 2011, 19, 1354-1367.	3.8	192
5	MAP: Multiauctioneer Progressive Auction for Dynamic Spectrum Access. IEEE Transactions on Mobile Computing, 2011, 10, 1144-1161.	5.8	182
6	DRIMUX: Dynamic Rumor Influence Minimization with User Experience in Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 2168-2181.	5.7	121
7	Interference Exploitation in D2D-enabled Cellular Networks: A Secrecy Perspective. IEEE Transactions on Communications, 2014, , 1-1.	7.8	106
8	Learning-Aided Computation Offloading for Trusted Collaborative Mobile Edge Computing. IEEE Transactions on Mobile Computing, 2020, 19, 2833-2849.	5.8	99
9	Coded Caching Under Arbitrary Popularity Distributions. IEEE Transactions on Information Theory, 2018, 64, 349-366.	2.4	86
10	Fundamental limits of RSS fingerprinting based indoor localization. , 2015, , .		85
11	Pricing for Uplink Power Control in Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 1769-1778.	6.3	84
12	Incentivize crowd labeling under budget constraint. , 2015, , .		81
13	Performance Analysis of RSS Fingerprinting Based Indoor Localization. IEEE Transactions on Mobile Computing, 2017, 16, 2847-2861.	5.8	71
14	Incentivizing Crowdsensing With Location-Privacy Preserving. IEEE Transactions on Wireless Communications, 2017, 16, 6940-6952.	9.2	68
15	Combinatorial auction with time-frequency flexibility in cognitive radio networks. , 2012, , .		67
16	Multicast Performance With Hierarchical Cooperation. IEEE/ACM Transactions on Networking, 2012, 20, 917-930.	3.8	64
17	Coded caching under arbitrary popularity distributions. , 2015, , .		64
18	A Contract-Based Incentive Mechanism for Delayed Traffic Offloading in Cellular Networks. IEEE Transactions on Wireless Communications, 2016, 15, 5314-5327.	9.2	58

#	ARTICLE	IF	CITATIONS
19	iBILL: Using iBeacon and Inertial Sensors for Accurate Indoor Localization in Large Open Areas. IEEE Access, 2017, 5, 14589-14599.	4.2	51
20	Mobility Increases the Connectivity of Wireless Networks. IEEE/ACM Transactions on Networking, 2013, 21, 440-454.	3.8	49
21	Multicast Capacity for VANETs with Directional Antenna and Delay Constraint. IEEE Journal on Selected Areas in Communications, 2012, 30, 818-833.	14.0	45
22	VDNet: an infrastructure-less UAV-assisted sparse VANET system with vehicle location prediction. Wireless Communications and Mobile Computing, 2016, 16, 2991-3003.	1.2	45
23	Throughput and delay scaling of general cognitive networks. , 2011, , .		44
24	Crowdsensing-Based Consensus Incident Report for Road Traffic Acquisition. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2536-2547.	8.0	44
25	An Intelligence-Driven Security-Aware Defense Mechanism for Advanced Persistent Threats. IEEE Transactions on Information Forensics and Security, 2019, 14, 646-661.	6.9	40
26	Achieving Full View Coverage with Randomly-Deployed Heterogeneous Camera Sensors. , 2012, , .		39
27	Capacity Scaling of General Cognitive Networks. IEEE/ACM Transactions on Networking, 2012, 20, 1501-1513.	3.8	38
28	Distributed Multicast Tree Construction in Wireless Sensor Networks. IEEE Transactions on Information Theory, 2017, 63, 280-296.	2.4	37
29	Geoscience knowledge graph in the big data era. Science China Earth Sciences, 2021, 64, 1105-1114.	5.2	37
30	A game approach for cell selection and resource allocation in heterogeneous wireless networks. , 2011, , .		36
31	Capacity Scaling in Mobile Wireless Ad Hoc Network with Infrastructure Support. , 2010, , .		35
32	Location-Aware Crowdsensing: Dynamic Task Assignment and Truth Inference. IEEE Transactions on Mobile Computing, 2020, 19, 362-375.	5.8	34
33	FineLoc: A Fine-Grained Self-Calibrating Wireless Indoor Localization System. IEEE Transactions on Mobile Computing, 2019, 18, 2077-2090.	5.8	33
34	CSI Fingerprinting Localization With Low Human Efforts. IEEE/ACM Transactions on Networking, 2021, 29, 372-385.	3.8	32
35	The Value Strength Aided Information Diffusion in Socially-Aware Mobile Networks. IEEE Access, 2016, 4, 3907-3919.	4.2	31
36	Are We Connected? Optimal Determination of Sourceâ€œDestination Connectivity in Random Networks. IEEE/ACM Transactions on Networking, 2017, 25, 751-764.	3.8	31

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37	Improve Accuracy of Fingerprinting Localization with Temporal Correlation of the RSS. IEEE Transactions on Mobile Computing, 2018, 17, 113-126.	5.8	31
38	On Stochastic Analysis of Greedy Routing in Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 3353-3366.	8.0	28
39	Impact of Mobility and Heterogeneity on Coverage and Energy Consumption in Wireless Sensor Networks. , 2011, , .		27
40	Data-Driven Pricing for Sensing Effort Elicitation in Mobile Crowd Sensing Systems. IEEE/ACM Transactions on Networking, 2019, 27, 2208-2221.	3.8	27
41	Joint Scheduling and Incentive Mechanism for Spatio-Temporal Vehicular Crowd Sensing. IEEE Transactions on Mobile Computing, 2021, 20, 1449-1464.	5.8	27
42	Edge Self-Monitoring for Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 514-527.	5.6	26
43	A discriminatory pricing double auction for spectrum allocation. , 2012, , .		26
44	Critical sensing range for mobile heterogeneous camera sensor networks. , 2014, , .		26
45	Offloading in HCNs: Congestion-Aware Network Selection and User Incentive Design. IEEE Transactions on Wireless Communications, 2017, 16, 6479-6492.	9.2	26
46	Energy Efficiency of Secure Cognitive Radio Networks with Cooperative Spectrum Sharing. IEEE Transactions on Mobile Computing, 2019, 18, 305-318.	5.8	25
47	Two-Dimensional Route Switching in Cognitive Radio Networks: A Game-Theoretical Framework. IEEE/ACM Transactions on Networking, 2015, 23, 1053-1066.	3.8	24
48	Incentivize Multi-Class Crowd Labeling Under Budget Constraint. IEEE Journal on Selected Areas in Communications, 2017, 35, 893-905.	14.0	24
49	On the capacity of $\hat{\rho}$ -MPR wireless networks. IEEE Transactions on Wireless Communications, 2009, 8, 3878-3886.	9.2	23
50	Multicast Scaling Laws with Hierarchical Cooperation. , 2010, , .		23
51	Dynamic Task Pricing in Multi-Requester Mobile Crowd Sensing with Markov Correlated Equilibrium. , 2019, , .		23
52	CityDrive: A map-generating and speed-optimizing driving system. , 2014, , .		22
53	Optimization of Fingerprints Reporting Strategy for WLAN Indoor Localization. IEEE Transactions on Mobile Computing, 2018, 17, 390-403.	5.8	22
54	Opportunistic Periodic MAC Protocol for Cognitive Radio Networks. , 2010, , .		21

#	ARTICLE	IF	CITATIONS
55	A novel IEEE 802.11-based MAC protocol supporting cooperative communications. International Journal of Communication Systems, 2011, 24, 1480-1495.	2.5	21
56	Capacity of Wireless Networks With Social Characteristics. IEEE Transactions on Wireless Communications, 2016, 15, 1505-1516.	9.2	21
57	Two Dimension Spectrum Allocation for Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2014, 13, 1410-1423.	9.2	20
58	Determining Source-Destination Connectivity in Uncertain Networks: Modeling and Solutions. IEEE/ACM Transactions on Networking, 2017, 25, 3237-3252.	3.8	20
59	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.	5.8	20
60	Resource Pricing with Primary Service Guarantees in Cognitive Radio Networks: A Stackelberg Game Approach. , 2009, , .		19
61	A Geometry Study on the Capacity of Wireless Networks via Percolation. IEEE Transactions on Communications, 2010, 58, 2916-2925.	7.8	19
62	Optimal Multicast Capacity and Delay Tradeoffs in MANETs. IEEE Transactions on Mobile Computing, 2014, 13, 1104-1117.	5.8	19
63	Joint Optimization of Multicast Energy in Delay-Constrained Mobile Wireless Networks. IEEE/ACM Transactions on Networking, 2018, 26, 633-646.	3.8	19
64	Wi-Fi Localization Enabling Self-Calibration. IEEE/ACM Transactions on Networking, 2021, 29, 904-917.	3.8	19
65	Cooperative Spectrum Sharing in D2D-Enabled Cellular Networks. IEEE Transactions on Communications, 2016, , 1-1.	7.8	18
66	Joint Compressive Sensing in Wideband Cognitive Networks. , 2010, , .		17
67	Temporal correlation of the RSS improves accuracy of fingerprinting localization. , 2016, , .		17
68	Social Crowdsourcing to Friends: An Incentive Mechanism for Multi-Resource Sharing. IEEE Journal on Selected Areas in Communications, 2017, 35, 795-808.	14.0	17
69	Content Delivery in Cache-Enabled Wireless Evolving Social Networks. IEEE Transactions on Wireless Communications, 2018, 17, 6749-6761.	9.2	17
70	Performance Analysis of Wi-Fi Indoor Localization with Channel State Information. IEEE Transactions on Mobile Computing, 2019, 18, 1870-1884.	5.8	17
71	RF Fingerprints Prediction for Cellular Network Positioning: A Subspace Identification Approach. IEEE Transactions on Mobile Computing, 2020, 19, 450-465.	5.8	17
72	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.	14.0	16

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73	Secrecy Capacity Scaling of Large-Scale Networks With Social Relationships. IEEE Transactions on Vehicular Technology, 2017, 66, 2688-2702.	6.3	16
74	Cooperative Spectrum Allocation for Cognitive Radio Network: An Evolutionary Approach. , 2011, , .		15
75	A Picture is Worth a Thousand Words: Share Your Real-Time View on the Road. IEEE Transactions on Vehicular Technology, 2017, 66, 2902-2914.	6.3	15
76	Batch Localization Based on OFDMA Backscatter. , 2019, 3, 1-25.		15
77	Percolation Degree of Secondary Users in Cognitive Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 1994-2005.	14.0	14
78	Evolution-Cast: Temporal Evolution in Wireless Social Networks and Its Impact on Capacity. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2583-2594.	5.6	14
79	Multicast Capacity With Max-Min Fairness for Heterogeneous Networks. IEEE/ACM Transactions on Networking, 2014, 22, 622-635.	3.8	14
80	Node Density and Delay in Large-Scale Wireless Networks With Unreliable Links. IEEE/ACM Transactions on Networking, 2014, 22, 1150-1163.	3.8	14
81	GLP: A Novel Framework for Group-Level Location Promotion in Geo-Social Networks. IEEE/ACM Transactions on Networking, 2018, 26, 2870-2883.	3.8	14
82	When Crowdsourcing Meets Social IoT: An Efficient Privacy-Preserving Incentive Mechanism. IEEE Internet of Things Journal, 2019, 6, 9707-9721.	8.7	14
83	Cooperative Service Placement and Scheduling in Edge Clouds: A Deadline-Driven Approach. IEEE Transactions on Mobile Computing, 2022, 21, 3519-3535.	5.8	14
84	Cooperation Achieves Optimal Multicast Capacity-Delay Scaling in MANET. IEEE Transactions on Communications, 2012, 60, 3023-3031.	7.8	13
85	Scaling laws for cognitive radio network with heterogeneous mobile secondary users. , 2012, , .		12
86	An Energy Efficiency Perspective on Rate Adaptation for 802.11n NIC. IEEE Transactions on Mobile Computing, 2016, 15, 1333-1347.	5.8	12
87	Online Spatial Crowdsensing With Expertise-Aware Truth Inference and Task Allocation. IEEE Journal on Selected Areas in Communications, 2022, 40, 412-427.	14.0	12
88	Improve throughput of TCP-Vegas in multihop ad hoc networks. Computer Communications, 2008, 31, 2581-2588.	5.1	11
89	Achieving 100% Throughput in TCP/AQM Under Aggressive Packet Marking With Small Buffer. IEEE/ACM Transactions on Networking, 2008, 16, 945-956.	3.8	11
90	ConMap. , 2017, , .		11

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91	Joint Recommendations in Multilayer Mobile Social Networks. IEEE Transactions on Mobile Computing, 2020, 19, 2358-2373.	5.8	11
92	C-MAC:A MAC Protocol Supporting Cooperation in Wireless LANs. , 2009, , .		10
93	Spectrum trading with insurance in cognitive radio networks. , 2012, , .		10
94	Toward a Quality-Aware Online Pricing Mechanism for Crowdsensed Wireless Fingerprints. IEEE Transactions on Vehicular Technology, 2018, 67, 5953-5964.	6.3	10
95	Hierarchical Cooperation Improves Delay in Cognitive Radio Networks with Heterogeneous Mobile Secondary Nodes. IEEE Transactions on Mobile Computing, 2019, 18, 2871-2884.	5.8	10
96	Unraveling Impact of Critical Sensing Range on Mobile Camera Sensor Networks. IEEE Transactions on Mobile Computing, 2020, 19, 982-996.	5.8	10
97	Neighborhood Matters: Influence Maximization in Social Networks with Limited Access. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	5.7	10
98	De-Anonymizing Social Networks With Overlapping Community Structure. IEEE/ACM Transactions on Networking, 2020, 28, 360-375.	3.8	10
99	Adaptive Diffusion of Sensitive Information in Online Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3020-3034.	5.7	10
100	A generic framework for throughput-optimal control in MR-MC wireless networks. , 2012, , .		9
101	Impact of Location Popularity on Throughput and Delay in Mobile Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2015, 14, 1004-1017.	5.8	9
102	A game approach for cooperative spectrum sharing in cognitive radio networks. Wireless Communications and Mobile Computing, 2015, 15, 538-551.	1.2	9
103	Asymptotic Analysis on Content Placement and Retrieval in MANETs. IEEE/ACM Transactions on Networking, 2017, 25, 1103-1118.	3.8	9
104	GAKG: A Multimodal Geoscience Academic Knowledge Graph. , 2021, , .		9
105	Spectrum Trading in Cognitive Radio Network: An Agent-Based Model under Demand Uncertainty. , 2010, , .		8
106	Dynamic cluster based price control and gateway management for VANETs. , 2012, , .		8
107	Multicast Capacity in MANET with Infrastructure Support. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1808-1818.	5.6	8
108	Information-Centric Networks with Correlated Mobility. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	8

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109	Complexity vs. optimality: Unraveling source-destination connection in uncertain graphs. , 2017, , .		8
110	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.	6.4	8
111	Data Driven Resource Allocation for NFV-Based Internet of Things. IEEE Internet of Things Journal, 2019, 6, 8310-8322.	8.7	8
112	iBlink: A Wearable Device Facilitating Facial Paralysis Patients to Blink. IEEE Transactions on Mobile Computing, 2019, 18, 1789-1801.	5.8	8
113	APS-FeW: Improving TCP throughput over multihop adhoc networks. Computer Communications, 2009, 32, 19-24.	5.1	7
114	Heterogeneity increases multicast capacity in clustered network. , 2011, , .		7
115	Sequential Compressive Target Detection in Wireless Sensor Networks. , 2011, , .		7
116	Multicast capacity in mobile wireless ad hoc network with infrastructure support. , 2012, , .		7
117	Cooperative relaying schemes for device-to-device communication underlying cellular networks. , 2013, , .		7
118	Modeling Dynamic Adaptive Streaming Over Information-Centric Networking. IEEE Access, 2016, 4, 8362-8374.	4.2	7
119	Impact of Social Relation and Group Size in Multicast Ad Hoc Networks. IEEE/ACM Transactions on Networking, 2016, 24, 1989-2004.	3.8	7
120	Data Backlog Analysis in Energy Harvesting Communication Systems. IEEE Access, 2017, , 1-1.	4.2	7
121	Asymptotic Analysis of Inhomogeneous Information-Centric Wireless Networks With Infrastructure Support. IEEE Transactions on Vehicular Technology, 2018, 67, 5245-5259.	6.3	7
122	Modeling, Analysis and Validation of Evolving Networks With Hybrid Interactions. IEEE/ACM Transactions on Networking, 2019, 27, 126-142.	3.8	7
123	Context-Aware Deep Model Compression for Edge Cloud Computing. , 2020, , .		7
124	On the Similarity Between von Neumann Graph Entropy and Structural Information: Interpretation, Computation, and Applications. IEEE Transactions on Information Theory, 2022, 68, 2182-2202.	2.4	7
125	Quality-of-Service in Cognitive Radio Networks with Collaborative Sensing. , 2009, , .		6
126	Distributed Relay-Source Matching for Cooperative Wireless Networks Using Two-Sided Market Games. , 2009, , .		6

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127	Energy-Constrained Cooperative Spectrum Sensing in Cognitive Radio Networks. , 2011, , .		6
128	Energy and latency analysis for in-network computation with compressive sensing in wireless sensor networks. , 2012, , .		6
129	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.	9.2	6
130	Analysis of Random Walk Mobility Models with Location Heterogeneity. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2657-2670.	5.6	6
131	The collocation of measurement points in large open indoor environment. , 2015, , .		6
132	The Role of Location Popularity in Multicast Mobile Ad Hoc Networks. IEEE Transactions on Wireless Communications, 2015, 14, 2131-2143.	9.2	6
133	Information recovery via block compressed sensing in wireless sensor networks. , 2016, , .		6
134	Network Connectivity With Inhomogeneous Correlated Mobility. IEEE Transactions on Wireless Communications, 2016, 15, 4307-4320.	9.2	6
135	Mobility Weakens the Distinction Between Multicast and Unicast. IEEE/ACM Transactions on Networking, 2016, 24, 1350-1363.	3.8	6
136	Modeling Multicast Group in Wireless Social Networks: A Combination of Geographic and Non-Geographic Perspective. IEEE Transactions on Wireless Communications, 2017, 16, 4023-4037.	9.2	6
137	Capacity of Social-Aware Wireless Networks With Directional Antennas. IEEE Transactions on Communications, 2017, 65, 4831-4844.	7.8	6
138	FINE: A Framework for Distributed Learning on Incomplete Observations for Heterogeneous Crowdsensing Networks. IEEE/ACM Transactions on Networking, 2018, 26, 1092-1109.	3.8	6
139	Multicast Scaling of Capacity and Energy Efficiency in Heterogeneous Wireless Sensor Networks. ACM Transactions on Sensor Networks, 2019, 15, 1-32.	3.6	6
140	Maximizing Influence Diffusion over Evolving Social Networks. , 2019, , .		6
141	Enabling Optimal Control Under Demand Elasticity for Electric Vehicle Charging Systems. IEEE Transactions on Mobile Computing, 2022, 21, 955-970.	5.8	6
142	Incorporating TCP Acknowledgements in MAC Layer in IEEE 802.11 Multihop Ad Hoc Networks. , 2009, , .		5
143	Optimization of Periodic Channel Sensing by Secondary Users in a Cognitive Radio Network. , 2010, , .		5
144	Hybrid channel assignment in multi-hop multi-radio cognitive ad hoc network. , 2013, , .		5

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145	Data offloading in two-tier networks: A contract design approach. , 2014, , .		5
146	Cooperation Improves Delay in Cognitive Networks With Hybrid Random Walk. IEEE Transactions on Communications, 2015, 63, 1988-2000.	7.8	5
147	Interest-Aware Information Diffusion in Evolving Social Networks. IEEE Transactions on Wireless Communications, 2018, 17, 4593-4606.	9.2	5
148	Who to Connect to? Joint Recommendations in Cross-layer Social Networks. , 2018, , .		5
149	Core Percolation in Interdependent Networks. IEEE Transactions on Network Science and Engineering, 2019, 6, 952-967.	6.4	5
150	Seeking the Truth in a Decentralized Manner. IEEE/ACM Transactions on Networking, 2021, 29, 2296-2312.	3.8	5
151	Evolving Influence Maximization in Evolving Networks. ACM Transactions on Internet Technology, 2020, 20, 1-31.	4.4	5
152	STP-TrellisNets+: Spatial-Temporal Parallel TrellisNets for Multi-Step Metro Station Passenger Flow Prediction. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-14.	5.7	5
153	Complex Field Network Coding for Wireless Cooperative Multicast Flows. , 2008, , .		4
154	Multi-Session Data Gathering with Compressive Sensing for Large-Scale Wireless Sensor Networks. , 2010, , .		4
155	Efficient wireless sensor networks scheduling scheme: Game theoretic analysis and algorithm. , 2012, , .		4
156	Singleton spectrum mobility games with incomplete information. , 2012, , .		4
157	Random Leader: A distributed-centralized spectrum sharing scheme in Cognitive Radios. , 2012, , .		4
158	Incentive mechanism for access permission and spectrum trading in femtocell network. , 2013, , .		4
159	Throughput and Delay in Heterogeneous Cognitive Radio Networks with Cooperative Secondary Users. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2586-2598.	5.6	4
160	Capacity of Wireless Networks with Social Behavior and Directional Antennas. , 2016, , .		4
161	Lane-Level Vehicular Localization Utilizing Smartphones. , 2016, , .		4
162	On the Greedy Resource Occupancy Threat in Dynamic Spectrum Access. IEEE Transactions on Vehicular Technology, 2017, 66, 11233-11248.	6.3	4

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163	De-Anonymization of Networks with Communities: When Quantifications Meet Algorithms. , 2017, , .		4
164	Impact of Content Popularity on Information Coverage in Online Social Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 7465-7474.	6.3	4
165	Towards Secure and Energy-Efficient CRNs Via Embracing Interference: A Stochastic Geometry Approach. IEEE Access, 2018, 6, 36757-36770.	4.2	4
166	Unraveling the Impact of Usersâ€™ Interest on Information Dissemination in Wireless Networks. IEEE Access, 2018, 6, 32687-32699.	4.2	4
167	Towards Fine-Grained Spatio-Temporal Coverage for Vehicular Urban Sensing Systems. , 2021, , .		4
168	Improving accuracy of automatic optical inspection with machine learning. Frontiers of Computer Science, 2022, 16, 1.	2.4	4
169	Performance analysis of TCP/AQM with generalized AIMD under intermediate buffer sizes. Computer Networks, 2007, 51, 3655-3671.	5.1	3
170	Improvement of Capacity and Energy Saving of VoIP over IEEE 802.11 WLANs by a Dynamic Sleep Strategy. , 2009, , .		3
171	Information Sharing in Spectrum Auction for Dynamic Spectrum Access. , 2009, , .		3
172	A Real Time Testbed for the Evaluation of Cognitive Radio MAC. , 2010, , .		3
173	Fast Spectrum Sharing for Cognitive Radio Networks: A Joint Time-Spectrum Perspective. , 2011, , .		3
174	Non-Cooperative Game Based Social Welfare Maximizing Bandwidth Allocation in WSNs. , 2011, , .		3
175	On the Capacity and Delay of Data Gathering with Compressive Sensing in Wireless Sensor Networks. , 2011, , .		3
176	Multicast/Broadcast Service over Heterogeneous Networks. , 2011, , .		3
177	Near-optimal spectrum allocation for cognitive radios: A frequency-time auction perspective. , 2012, , .		3
178	Cognitive transmission based on data priority classification in WSNs for Smart Grid. , 2012, , .		3
179	EESM-based fingerprint algorithm for Wi-Fi indoor positioning system. , 2013, , .		3
180	Scaling laws for heterogeneous cognitive radio networks with cooperative secondary users. , 2014, , .		3

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181	Near-Optimal Scheme for Cognitive Radio Networks With Heterogeneous Mobile Secondary Users. IEEE Transactions on Communications, 2015, 63, 1106-1120.	7.8	3
182	Impacts of Social Relationships and Inhomogeneous Node Distribution on the Network Performance. IEEE Transactions on Wireless Communications, 2016, 15, 5467-5479.	9.2	3
183	Connectivity Analysis in Wireless Networks With Correlated Mobility and Cluster Scalability. IEEE/ACM Transactions on Networking, 2017, 25, 2375-2390.	3.8	3
184	Seeking powerful information initial spreaders in online social networks: a dense group perspective. Wireless Networks, 2018, 24, 2973-2991.	3.0	3
185	Social-Aware Content Sharing in D2D Communications: An Optimal Stopping Approach. , 2018, , .		3
186	A greedy-based approach of fast transaction broadcasting in bitcoin networks. , 2019, , .		3
187	Energy Efficiency in Multihop Wireless Networks with Unreliable Links. IEEE Transactions on Network Science and Engineering, 2020, 7, 576-588.	6.4	3
188	Maximum Value Matters: Finding Hot Topics in Scholarly Fields. IEEE Transactions on Network Science and Engineering, 2020, 7, 3246-3256.	6.4	3
189	Efficient Block Propagation in Wireless Blockchain Networks and Its Application in Bitcoin. IEEE Transactions on Network Science and Engineering, 2021, 8, 3349-3368.	6.4	3
190	Collective De-Anonymization of Social Networks With Optional Seeds. IEEE Transactions on Mobile Computing, 2022, 21, 4218-4232.	5.8	3
191	Matrix Gaussian Mechanisms for Differentially-Private Learning. IEEE Transactions on Mobile Computing, 2023, 22, 1036-1048.	5.8	3
192	Tracing Truth and Rumor Diffusions Over Mobile Social Networks: Who are the Initiators?. IEEE Transactions on Mobile Computing, 2023, 22, 2473-2490.	5.8	3
193	Optimizing Cross-Line Dispatching for Minimum Electric Bus Fleet. IEEE Transactions on Mobile Computing, 2023, 22, 2307-2322.	5.8	3
194	One-Hop Call Admission Control in Heterogeneous Wireless Networks: A Queueing Analysis. , 2009, , .		2
195	On the capacity of multi-packet reception enabled multi-channel multi-interface wireless networks. Computer Networks, 2010, 54, 1426-1439.	5.1	2
196	Relay Assignment and Cooperation Maintenance in Wireless Networks. , 2010, , .		2
197	On the Throughput of Wireless Sensor Networks Using Multi-Packet Reception. , 2010, , .		2
198	Evolution Framework for Resource Allocation with Local Interaction: An Infection Approach. , 2011, , .		2

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199	History based predictive routing in multi-lane delay tolerable VANETs. , 2012, , .		2
200	Motioncast with general Markovian mobility. , 2012, , .		2
201	Opportunistic access for cooperative cognitive radio networks with requirement constraint. , 2013, , .		2
202	Non-asymptotic multicast throughput capacity in multi-hop wireless networks. , 2013, , .		2
203	Function Computation over Heterogeneous Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1756-1766.	5.6	2
204	Contract-Based Traffic Offloading over Delay Tolerant Networks. , 2015, , .		2
205	Text Network Exploration via Heterogeneous Web of Topics. , 2016, , .		2
206	Multi-Rack Regenerating Codes for Hierarchical Distributed Storage Systems. , 2018, , .		2
207	Relay-Assisted Multicast With Markov Mobility. IEEE Transactions on Network Science and Engineering, 2020, 7, 1055-1066.	6.4	2
208	Evolution Matters: Content Transmission in Evolving Wireless Social Networks. IEEE Transactions on Wireless Communications, 2020, 19, 7377-7391.	9.2	2
209	Collective Influence Maximization in Mobile Social Networks. IEEE Transactions on Mobile Computing, 2023, 22, 797-812.	5.8	2
210	Bridging the Gap between von Neumann Graph Entropy and Structural Information: Theory and Applications. , 2021, , .		2
211	Unraveling the Detectability of Stochastic Block Model With Overlapping Communities. IEEE Transactions on Network Science and Engineering, 2021, 8, 1443-1455.	6.4	2
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213	A Spatial Game for Access Points Placement in Cognitive Radio Networks with Multi-Type Service. , 2010, , .		1
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