

# Guihai Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

596  
papers

10,180  
citations

87723

38  
h-index

88477

70  
g-index

615  
all docs

615  
docs citations

615  
times ranked

7209  
citing authors

#	ARTICLE	IF	CITATIONS
1	An unequal cluster-based routing protocol in wireless sensor networks. <i>Wireless Networks</i> , 2009, 15, 193-207.	2.0	402
2	Towards Secure Industrial IoT: Blockchain System With Credit-Based Consensus Mechanism. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 3680-3689.	7.2	394
3	Avoiding Energy Holes in Wireless Sensor Networks with Nonuniform Node Distribution. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2008, 19, 710-720.	4.0	389
4	Millimeter Wave Communication: A Comprehensive Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2018, 20, 1616-1653.	24.8	356
5	An energy-efficient unequal clustering mechanism for wireless sensor networks. , 0, , .		223
6	Millimeter-Wave Wireless Communications for IoT-Cloud Supported Autonomous Vehicles: Overview, Design, and Challenges. , 2017, 55, 62-68.		190
7	An Energy-Aware Routing Protocol in Wireless Sensor Networks. <i>Sensors</i> , 2009, 9, 445-462.	2.1	175
8	Pay as How Well You Do. , 2015, , .		173
9	Dual Graph Attention Networks for Deep Latent Representation of Multifaceted Social Effects in Recommender Systems. , 2019, , .		172
10	Spatial Reusability-Aware Routing in Multi-Hop Wireless Networks. <i>IEEE Transactions on Computers</i> , 2016, 65, 244-255.	2.4	154
11	On Designing Data Quality-Aware Truth Estimation and Surplus Sharing Method for Mobile Crowdsensing. <i>IEEE Journal on Selected Areas in Communications</i> , 2017, 35, 832-847.	9.7	129
12	Maximizing network lifetime based on transmission range adjustment in wireless sensor networks. <i>Computer Communications</i> , 2009, 32, 1316-1325.	3.1	115
13	Minimizing the number of mobile chargers for large-scale wireless rechargeable sensor networks. <i>Computer Communications</i> , 2014, 46, 54-65.	3.1	115
14	Data-Oriented Mobile Crowdsensing: A Comprehensive Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2019, 21, 2849-2885.	24.8	113
15	On the Energy Hole Problem of Nonuniform Node Distribution in Wireless Sensor Networks. , 2006, , .		106
16	Data Quality Guided Incentive Mechanism Design for Crowdsensing. <i>IEEE Transactions on Mobile Computing</i> , 2018, 17, 307-319.	3.9	101
17	Safe Charging for Wireless Power Transfer. <i>IEEE/ACM Transactions on Networking</i> , 2017, 25, 3531-3544.	2.6	100
18	Cycloid: A constant-degree and lookup-efficient P2P overlay network. <i>Performance Evaluation</i> , 2006, 63, 195-216.	0.9	94

#	ARTICLE	IF	CITATIONS
19	A Budget Feasible Incentive Mechanism for Weighted Coverage Maximization in Mobile Crowdsensing. IEEE Transactions on Mobile Computing, 2017, 16, 2392-2407.	3.9	92
20	PVA in VANETs: Stopped cars are not silent. , 2011, , .		91
21	The features, hardware, and architectures of data center networks: A survey. Journal of Parallel and Distributed Computing, 2016, 96, 45-74.	2.7	91
22	Coverage problem with uncertain properties in wireless sensor networks: A survey. Computer Networks, 2017, 123, 200-232.	3.2	82
23	APT: Accurate outdoor pedestrian tracking with smartphones. , 2013, , .		81
24	Maximizing lifetime for the shortest path aggregation tree in wireless sensor networks. , 2011, , .		78
25	Radiation Constrained Scheduling of Wireless Charging Tasks. IEEE/ACM Transactions on Networking, 2018, 26, 314-327.	2.6	77
26	Safe Charging for wireless power transfer. , 2014, , .		76
27	Quality of Energy Provisioning for Wireless Power Transfer. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 527-537.	4.0	72
28	Expandable and Cost-Effective Network Structures for Data Centers Using Dual-Port Servers. IEEE Transactions on Computers, 2013, 62, 1303-1317.	2.4	70
29	SCAPE: Safe Charging With Adjustable Power. IEEE/ACM Transactions on Networking, 2018, 26, 520-533.	2.6	69
30	Blockchain-Based Mobile Crowd Sensing in Industrial Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 6553-6563.	7.2	68
31	Autonomous Relay for Millimeter-Wave Wireless Communications. IEEE Journal on Selected Areas in Communications, 2017, 35, 2127-2136.	9.7	67
32	Towards Parallel Spatial Query Processing for Big Spatial Data. , 2012, , .		65
33	Wireless Charger Placement for Directional Charging. IEEE/ACM Transactions on Networking, 2018, 26, 1865-1878.	2.6	65
34	mLoRa: A Multi-Packet Reception Protocol in LoRa networks. , 2019, , .		64
35	Context-aware data quality estimation in mobile crowdsensing. , 2017, , .		62
36	EADDEG: An Energy-Aware Data Gathering Protocol for Wireless Sensor Networks. Ruan Jian Xue Bao/Journal of Software, 2007, 18, 1092.	0.3	62

#	ARTICLE	IF	CITATIONS
37	Optimizing wireless charger placement for directional charging. , 2017, , .		61
38	Privacy and Quality Preserving Multimedia Data Aggregation for Participatory Sensing Systems. IEEE Transactions on Mobile Computing, 2015, 14, 1287-1300.	3.9	60
39	STAR: Strategy-Proof Double Auctions for Multi-Cloud, Multi-Tenant Bandwidth Reservation. IEEE Transactions on Computers, 2015, 64, 2071-2083.	2.4	59
40	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
41	Reliable Multicast in Data Center Networks. IEEE Transactions on Computers, 2014, 63, 2011-2024.	2.4	58
42	Efficient online coflow routing and scheduling. , 2016, , .		58
43	Trading Data in the Crowd: Profit-Driven Data Acquisition for Mobile Crowdsensing. IEEE Journal on Selected Areas in Communications, 2017, 35, 486-501.	9.7	58
44	Dynamic virtual machine management via approximate Markov decision process. , 2016, , .		55
45	Radiation constrained wireless charger placement. , 2016, , .		52
46	Building Maximum Lifetime Shortest Path Data Aggregation Trees in Wireless Sensor Networks. ACM Transactions on Sensor Networks, 2014, 11, 1-24.	2.3	51
47	The sharing at roadside: Vehicular content distribution using parked vehicles. , 2012, , .		50
48	Minimizing Transient Congestion during Network Update in Data Centers. , 2015, , .		46
49	General framework, opportunities and challenges for crowdsourcing techniques: A Comprehensive survey. Journal of Systems and Software, 2020, 167, 110611.	3.3	46
50	Dual-Sink: Using Mobile and Static Sinks for Lifetime Improvement in Wireless Sensor Networks. , 2007, , .		45
51	Differentially private spectrum auction with approximate revenue maximization. , 2014, , .		45
52	Adaptive online mobile charging for node failure avoidance in wireless rechargeable sensor networks. Computer Communications, 2018, 126, 28-37.	3.1	44
53	Taxonomy and Evaluation for Microblog Popularity Prediction. ACM Transactions on Knowledge Discovery From Data, 2019, 13, 1-40.	2.5	44
54	Effective On-Demand Mobile Charger Scheduling for Maximizing Coverage in Wireless Rechargeable Sensor Networks. Mobile Networks and Applications, 2014, 19, 543-551.	2.2	42

#	ARTICLE	IF	CITATIONS
55	Energy Efficient Algorithms for $k$ -Sink Minimum Movement Target Coverage Problem in Mobile Sensor Network. IEEE/ACM Transactions on Networking, 2017, 25, 3616-3627.	2.6	41
56	REBAR: A Reliable and Energy Balanced Routing Algorithm for UWSNs. , 2008, , .		40
57	Near Optimal Charging and Scheduling Scheme for Stochastic Event Capture with Rechargeable Sensors. , 2013, , .		40
58	An Online Pricing Mechanism for Mobile Crowdsensing Data Markets. , 2017, , .		40
59	A Strategy-Proof Combinatorial Heterogeneous Channel Auction Framework in Noncooperative Wireless Networks. IEEE Transactions on Mobile Computing, 2015, 14, 1123-1137.	3.9	39
60	A General Privacy-Preserving Auction Mechanism for Secondary Spectrum Markets. IEEE/ACM Transactions on Networking, 2016, 24, 1881-1893.	2.6	39
61	Federated Tensor Mining for Secure Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2020, 16, 2144-2153.	7.2	38
62	ROSE: Robustly Safe Charging for Wireless Power Transfer. IEEE Transactions on Mobile Computing, 2022, 21, 2180-2197.	3.9	38
63	Extracting secret key from wireless link dynamics in vehicular environments. , 2013, , .		37
64	Approximation Algorithms for Sweep Coverage Problem With Multiple Mobile Sensors. IEEE/ACM Transactions on Networking, 2018, 26, 990-1003.	2.6	37
65	Unlocking the Value of Privacy. , 2018, , .		37
66	RASPBerry: A stable reader activation scheduling protocol in multi-reader RFID systems. , 2009, , .		36
67	When Transportation Meets Communication: V2P over VANETs. , 2010, , .		36
68	Time-Efficient Protocols for Neighbor Discovery in Wireless Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 2780-2791.	3.9	36
69	A Game-Theoretic Approach to Stimulate Cooperation for Probabilistic Routing in Opportunistic Networks. IEEE Transactions on Wireless Communications, 2013, 12, 1573-1583.	6.1	36
70	Dual Sequential Prediction Models Linking Sequential Recommendation and Information Dissemination. , 2019, , .		35
71	Towards Privacy Preservation in Strategy-Proof Spectrum Auction Mechanisms for Noncooperative Wireless Networks. IEEE/ACM Transactions on Networking, 2015, 23, 1271-1285.	2.6	34
72	Using Wireless Link Dynamics to Extract a Secret Key in Vehicular Scenarios. IEEE Transactions on Mobile Computing, 2017, 16, 2065-2078.	3.9	34

#	ARTICLE	IF	CITATIONS
73	Distributed Feature Selection for Big Data Using Fuzzy Rough Sets. IEEE Transactions on Fuzzy Systems, 2020, 28, 846-857.	6.5	34
74	BCN: Expansible network structures for data centers using hierarchical compound graphs. , 2011, , .		32
75	Omnidirectional chargability with directional antennas. , 2016, , .		32
76	Online Concurrent Transmissions at LoRa Gateway. , 2020, , .		32
77	Joint Optimization of Area Coverage and Mobile-Edge Computing With Clustering for FANETs. IEEE Internet of Things Journal, 2021, 8, 695-707.	5.5	32
78	Analysis of Bottleneck Delay and Throughput in Wireless Mesh Networks. , 2006, , .		31
79	Impact of mobility on energy provisioning in wireless rechargeable sensor networks. , 2013, , .		31
80	Robust Scheduling for Wireless Charger Networks. , 2019, , .		31
81	MAB-Based Reinforced Worker Selection Framework for Budgeted Spatial Crowdsensing. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 1303-1316.	4.0	31
82	Fine-Grained User Profiling for Personalized Task Matching in Mobile Crowdsensing. IEEE Transactions on Mobile Computing, 2021, 20, 2961-2976.	3.9	31
83	On adaptive-width channel allocation in non-cooperative, multi-radio wireless networks. , 2011, , .		30
84	Achieving Data Truthfulness and Privacy Preservation in Data Markets. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 105-119.	4.0	30
85	Practical Heterogeneous Wireless Charger Placement with Obstacles. IEEE Transactions on Mobile Computing, 2020, 19, 1910-1927.	3.9	30
86	Spectrum Sharing for 5G/6G URLLC: Research Frontiers and Standards. IEEE Communications Standards Magazine, 2021, 5, 120-125.	3.6	30
87	Optimizing Energy Efficiency for Minimum Latency Broadcast in Low-Duty-Cycle Sensor Networks. ACM Transactions on Sensor Networks, 2015, 11, 1-31.	2.3	28
88	DAWN: Energy efficient data aggregation in WSN with mobile sinks. , 2010, , .		27
89	Practical scheduling for stochastic event capture in energy harvesting sensor networks. International Journal of Sensor Networks, 2015, 18, 85.	0.2	27
90	Traffic Load Balancing Schemes for Devolved Controllers in Mega Data Centers. IEEE Transactions on Parallel and Distributed Systems, 2016, , 1-1.	4.0	27

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91	Code-Based Neighbor Discovery Protocols in Mobile Wireless Networks. IEEE/ACM Transactions on Networking, 2016, 24, 806-819.	2.6	27
92	A Novel Approximation for Multi-Hop Connected Clustering Problem in Wireless Networks. IEEE/ACM Transactions on Networking, 2017, 25, 2223-2234.	2.6	27
93	ICP: Instantaneous clustering protocol for wireless sensor networks. Computer Networks, 2016, 101, 144-157.	3.2	26
94	Quality Inference Based Task Assignment in Mobile Crowdsensing. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3410-3423.	4.0	26
95	Liquid: Intelligent Resource Estimation and Network-Efficient Scheduling for Deep Learning Jobs on Distributed GPU Clusters. IEEE Transactions on Parallel and Distributed Systems, 2021, , 1-1.	4.0	26
96	Analysis of hybrid P2P overlay network topology. Computer Communications, 2008, 31, 190-200.	3.1	25
97	The last minute: Efficient Data Evacuation strategy for sensor networks in post-disaster applications. , 2011, , .		25
98	A survey on barrier coverage with sensors. Frontiers of Computer Science, 2016, 10, 968-984.	1.6	25
99	Trading Data in Good Faith: Integrating Truthfulness and Privacy Preservation in Data Markets. , 2017, , .		25
100	Coding-Aware Multi-path Routing in Multi-Hop Wireless Networks. , 2008, , .		24
101	A fuzzy clustering method of construction of ontology-based user profiles. Advances in Engineering Software, 2009, 40, 535-540.	1.8	24
102	ALOHA-like neighbor discovery in low-duty-cycle wireless sensor networks. , 2011, , .		24
103	Selecting most informative contributors with unknown costs for budgeted crowdsensing. , 2016, , .		24
104	Chronus: Consistent Data Plane Updates in Timed SDNs. , 2017, , .		24
105	Scheduling Congestion- and Loop-Free Network Update in Timed SDNs. IEEE Journal on Selected Areas in Communications, 2017, 35, 2542-2552.	9.7	24
106	Identifying and Estimating Persistent Items in Data Streams. IEEE/ACM Transactions on Networking, 2018, 26, 2429-2442.	2.6	24
107	Robustly Safe Charging for Wireless Power Transfer. , 2018, , .		24
108	Sentinel: Failure Recovery in Centralized Traffic Engineering. IEEE/ACM Transactions on Networking, 2019, 27, 1859-1872.	2.6	24

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109	Placement of Unmanned Aerial Vehicles for Directional Coverage in 3D Space. IEEE/ACM Transactions on Networking, 2020, 28, 888-901.	2.6	24
110	Hidden information and actions in multi-hop wireless ad hoc networks. , 2008, , .		23
111	B-IoT: Blockchain Driven Internet of Things with Credit-Based Consensus Mechanism. , 2019, , .		23
112	A Mobility Prediction-Based Adaptive Data Gathering Protocol for Delay Tolerant Mobile Sensor Network. , 2008, , .		22
113	SOAR: Strategy-proof auction mechanisms for distributed cloud bandwidth reservation. , 2014, , .		22
114	On designing neighbor discovery protocols: A code-based approach. , 2014, , .		21
115	SCAPE: Safe Charging with Adjustable Power. , 2014, , .		21
116	Improving Resource Utilization via Virtual Machine Placement in Data Center Networks. Mobile Networks and Applications, 2018, 23, 227-238.	2.2	21
117	Congestion-Free Rerouting of Multiple Flows in Timed SDNs. IEEE Journal on Selected Areas in Communications, 2019, 37, 968-981.	9.7	21
118	Placing Wireless Chargers With Limited Mobility. IEEE Transactions on Mobile Computing, 2023, 22, 3589-3603.	3.9	21
119	ERN: Emergence Rescue Navigation with Wireless Sensor Networks. , 2009, , .		20
120	Radiation Constrained Fair Wireless Charging. , 2017, , .		20
121	DCQCN+: Taming Large-Scale Incast Congestion in RDMA over Ethernet Networks. , 2018, , .		20
122	Shearlet Enhanced Snapshot Compressive Imaging. IEEE Transactions on Image Processing, 2020, 29, 6466-6481.	6.0	20
123	SLoRa. , 2020, , .		20
124	Relative localization for wireless sensor networks with linear topology. Computer Communications, 2013, 36, 1581-1591.	3.1	19
125	A Strategy-Proof Auction Mechanism for Adaptive-Width Channel Allocation in Wireless Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 2678-2689.	9.7	19
126	Energy-Efficient Dynamic Virtual Machine Management in Data Centers. IEEE/ACM Transactions on Networking, 2019, 27, 344-360.	2.6	19

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127	ECASS: Edge computing based auxiliary sensing system for self-driving vehicles. Journal of Systems Architecture, 2019, 97, 258-268.	2.5	19
128	A MapReduce- $\epsilon$ -supported network structure for data centers. Concurrency Computation Practice and Experience, 2012, 24, 1271-1295.	1.4	18
129	Using Minimum Mobile Chargers to Keep Large-Scale Wireless Rechargeable Sensor Networks Running Forever. , 2013, , .		18
130	Efficient R-Tree Based Indexing Scheme for Server-Centric Cloud Storage System. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 1503-1517.	4.0	18
131	Support ECN in Multi-Queue Datacenter Networks via Per-Port Marking with Selective Blindness. , 2018, , .		18
132	Energy Efficient Scheduling Algorithms for Sweep Coverage in Mobile Sensor Networks. IEEE Transactions on Mobile Computing, 2020, 19, 1332-1345.	3.9	18
133	Robust Server Placement for Edge Computing. , 2020, , .		18
134	Towards Location-aware Topology in both Unstructured and Structured P2P Systems. Parallel Processing (ICPP), Proceedings of the International Symposium, 2007, , .	0.0	17
135	FIWEX. , 2015, , .		17
136	Privacy-Preserving Selective Aggregation of Online User Behavior Data. IEEE Transactions on Computers, 2016, , 1-1.	2.4	17
137	Towards energy-fairness for broadcast scheduling with minimum delay in low-duty-cycle sensor networks. Computer Communications, 2016, 75, 81-96.	3.1	17
138	Charging Task Scheduling for Directional Wireless Charger Networks. , 2018, , .		17
139	Radiation Constrained Fair Charging for Wireless Power Transfer. ACM Transactions on Sensor Networks, 2019, 15, 1-33.	2.3	17
140	P-PFC: Reducing Tail Latency with Predictive PFC in Lossless Data Center Networks. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 1447-1459.	4.0	17
141	Toward Verifiable and Privacy Preserving Machine Learning Prediction. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 1703-1721.	3.7	17
142	Optimal layouts of midimew networks. IEEE Transactions on Parallel and Distributed Systems, 1996, 7, 954-961.	4.0	16
143	SLICER: A Slicing-Based K-Anonymous Privacy Preserving Scheme for Participatory Sensing. , 2013, , .		16
144	EndorTrust: An Endorsement-Based Reputation System for Trustworthy and Heterogeneous Crowdsourcing. , 2015, , .		16

#	ARTICLE	IF	CITATIONS
145	COMO: A Game-Theoretic Approach for Joint Multirate Opportunistic Routing and Forwarding in Non-Cooperative Wireless Networks. IEEE Transactions on Wireless Communications, 2015, 14, 948-959.	6.1	16
146	An exact algorithm for maximum lifetime data gathering tree without aggregation in wireless sensor networks. Wireless Networks, 2015, 21, 281-295.	2.0	16
147	Heterogeneous Wireless Charger Placement with Obstacles. , 2018, , .		16
148	Crowdsensing-Based Cross-Operator Switch in Rail Transit Systems. IEEE Transactions on Communications, 2020, 68, 7938-7947.	4.9	16
149	Charging Task Scheduling for Directional Wireless Charger Networks. IEEE Transactions on Mobile Computing, 2021, 20, 3163-3180.	3.9	16
150	Principles for Energy-Efficient Topology Control in Wireless Sensor Networks. , 2009, , .		15
151	Energy-Efficient and Topology-Aware Routing for Underwater Sensor Networks. , 2010, , .		15
152	Energy-Efficient Broadcast Scheduling with Minimum Latency for Low-Duty-Cycle Wireless Sensor Networks. , 2013, , .		15
153	Multi-tier service differentiation by coordinated learning-based resource provisioning and admission control. Journal of Parallel and Distributed Computing, 2014, 74, 2351-2364.	2.7	15
154	Efficient Scheduling Strategies for Mobile Sensors in Sweep Coverage Problem. , 2016, , .		15
155	A PTAS to minimize mobile sensor movement for target coverage problem. , 2016, , .		15
156	Fast Approximation Algorithm for Maximum Lifetime Aggregation Trees in Wireless Sensor Networks. INFORMS Journal on Computing, 2016, 28, 417-431.	1.0	15
157	Free Talk in the Air: A Hierarchical Topology for 60 GHz Wireless Data Center Networks. IEEE/ACM Transactions on Networking, 2017, 25, 3723-3737.	2.6	15
158	l(TS, CS): Detecting Faulty Location Data in Mobile Crowdsensing. , 2018, , .		15
159	ARETE: On Designing Joint Online Pricing and Reward Sharing Mechanisms for Mobile Data Markets. IEEE Transactions on Mobile Computing, 2020, 19, 769-787.	3.9	15
160	Optimizing NFV Chain Deployment in Software-Defined Cellular Core. IEEE Journal on Selected Areas in Communications, 2020, 38, 248-262.	9.7	15
161	Radiation Constrained Wireless Charger Placement. IEEE/ACM Transactions on Networking, 2020, , 1-17.	2.6	15
162	Finding Persistent Items in Distributed Datasets. IEEE/ACM Transactions on Networking, 2020, 28, 1-14.	2.6	15

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163	Light-weight AI and IoT collaboration for surveillance video pre-processing. Journal of Systems Architecture, 2021, 114, 101934.	2.5	15
164	Strategy-Proof Online Mechanisms for Weighted AoI Minimization in Edge Computing. IEEE Journal on Selected Areas in Communications, 2021, 39, 1277-1292.	9.7	15
165	Comments on "A new family of Cayley graph interconnection networks of constant degree four". IEEE Transactions on Parallel and Distributed Systems, 1997, 8, 1299-1300.	4.0	14
166	HQE: A hybrid method for query expansion. Expert Systems With Applications, 2009, 36, 7985-7991.	4.4	14
167	NICE: Network-aware VM Consolidation scheme for Energy Conservation in Data Centers. , 2014, , .		14
168	Shorten the Trajectory of Mobile Sensors in Sweep Coverage Problem. , 2015, , .		14
169	Optimization of Full-View Barrier Coverage with Rotatable Camera Sensors. , 2017, , .		14
170	Mechanism Design for Mobile Crowdsensing with Execution Uncertainty. , 2017, , .		14
171	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
172	Scheduling Congestion-Free Updates of Multiple Flows with Chronicle in Timed SDNs. , 2018, , .		14
173	Pricing and allocation algorithm designs in dynamic ridesharing system. Theoretical Computer Science, 2020, 803, 94-104.	0.5	14
174	ADSS: An approach to determining semantic similarity. Advances in Engineering Software, 2006, 37, 129-132.	1.8	13
175	Dynamic correlative VM placement for quality-assured cloud service. , 2013, , .		13
176	Distributed Algorithm for Full-View Barrier Coverage with Rotatable Camera Sensors. , 2015, , .		13
177	TECH: A Thermal-Aware and Cost Efficient Mechanism for Colocation Demand Response. , 2016, , .		13
178	We've got you covered: Failure recovery with backup tunnels in traffic engineering. , 2016, , .		13
179	FREE. , 2019, , .		13
180	An Approximation Algorithm for Bounded Task Assignment Problem in Spatial Crowdsourcing. IEEE Transactions on Mobile Computing, 2021, 20, 2536-2549.	3.9	13

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181	Connectivity-Constrained Placement of Wireless Chargers. IEEE Transactions on Mobile Computing, 2021, 20, 909-927.	3.9	13
182	A unified congestion control framework for diverse application preferences and network conditions. , 2021, , .		13
183	Optimal sampling algorithms for frequency estimation in distributed data. , 2011, , .		12
184	SMASHER. , 2013, , .		12
185	AdaSharing: Adaptive Data Sharing in Collaborative Robots. IEEE Transactions on Industrial Electronics, 2017, 64, 9569-9579.	5.2	12
186	Blockchain-based Crowd-sensing System. , 2018, , .		12
187	Adversarial Training Model Unifying Feature Driven and Point Process Perspectives for Event Popularity Prediction. , 2018, , .		12
188	PANDA: Placement of Unmanned Aerial Vehicles Achieving 3D Directional Coverage. , 2019, , .		12
189	DC-ECN: A machine-learning based dynamic threshold control scheme for ECN marking in DCN. Computer Communications, 2020, 150, 334-345.	3.1	12
190	Online Pricing with Reserve Price Constraint for Personal Data Markets. , 2020, , .		12
191	Parallel Greedy Algorithm to Multiple Influence Maximization in Social Network. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-21.	2.5	12
192	Robust Offloading Scheduling for Mobile Edge Computing. IEEE Transactions on Mobile Computing, 2020, , 1-1.	3.9	12
193	On Designing Strategy-Proof Budget Feasible Online Mechanisms for Mobile Crowdsensing With Time-Discounting Values. IEEE Transactions on Mobile Computing, 2022, 21, 2088-2102.	3.9	12
194	CFP: Integration of Fountain Codes and Optimal Probabilistic Forwarding in DTNs. , 2010, , .		11
195	A method for the acquisition of ontology-based user profiles. Advances in Engineering Software, 2013, 65, 132-137.	1.8	11
196	Unknown combinatorial auction mechanisms for heterogeneous spectrum redistribution. , 2014, , .		11
197	Localization in Wireless Rechargeable Sensor Networks Using Mobile Directional Charger. , 2015, , .		11
198	Multiple Influence Maximization in Social Networks. , 2016, , .		11

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199	An Efficient Ring-Based Metadata Management Policy for Large-Scale Distributed File Systems. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 1962-1974.	4.0	11
200	SENTI2POP: Sentiment-Aware Topic Popularity Prediction on Social Media. , 2019, , .		11
201	Joint Recommendations in Multilayer Mobile Social Networks. IEEE Transactions on Mobile Computing, 2020, 19, 2358-2373.	3.9	11
202	Feature Evolution Based Multi-Task Learning for Collaborative Filtering with Social Trust. , 2019, , .		11
203	Online vector scheduling and generalized load balancing. Journal of Parallel and Distributed Computing, 2014, 74, 2304-2309.	2.7	10
204	TRADE: A truthful online combinatorial auction for spectrum allocation in cognitive radio networks. Wireless Communications and Mobile Computing, 2015, 15, 1320-1330.	0.8	10
205	AEGIS: An Unknown Combinatorial Auction Mechanism Framework for Heterogeneous Spectrum Redistribution in Noncooperative Wireless Networks. IEEE/ACM Transactions on Networking, 2016, 24, 1919-1932.	2.6	10
206	Reachability for airline networks: fast algorithm for shortest path problem with time windows. Theoretical Computer Science, 2018, 749, 66-79.	0.5	10
207	Hermes: Utility-Aware Network Update in Software-Defined WANs. , 2018, , .		10
208	MOOC: A Mobility Control Based Clustering Scheme for Area Coverage in FANETs. , 2018, , .		10
209	Cooperative Sweep Coverage Problem With Mobile Sensors. IEEE Transactions on Mobile Computing, 2022, 21, 480-494.	3.9	10
210	Neighborhood Matters: Influence Maximization in Social Networks with Limited Access. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	4.0	10
211	De-Anonymizing Social Networks With Overlapping Community Structure. IEEE/ACM Transactions on Networking, 2020, 28, 360-375.	2.6	10
212	Adaptive Diffusion of Sensitive Information in Online Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3020-3034.	4.0	10
213	Hash Adaptive Bloom Filter. , 2021, , .		10
214	Survive Under High Churn in Structured P2P Systems: Evaluation and Strategy. Lecture Notes in Computer Science, 2006, , 404-411.	1.0	10
215	Wi-Fruit. , 2021, 5, 1-29.		10
216	A distance-vector routing protocol for networks with unidirectional links. Computer Communications, 2000, 23, 418-424.	3.1	9

#	ARTICLE	IF	CITATIONS
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218	Distributed Sequence Alignment Applications for the Public Computing Architecture. IEEE Transactions on Nanobioscience, 2008, 7, 35-43.	2.2	9
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