

Yanmin Zhu

List of Publications by Year in descending order

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264
papers

5,457
citations

172457

29
h-index

189892

50
g-index

269
all docs

269
docs citations

269
times ranked

4412
citing authors

#	ARTICLE	IF	CITATIONS
1	TRAC: Truthful auction for location-aware collaborative sensing in mobile crowdsourcing. , 2014, , .		301
2	<i>CDC</i>: Compressive Data Collection for Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2188-2197.	5.6	227
3	Recognizing Exponential Inter-Contact Time in VANETs. , 2010, , .		191
4	A Survey on Trajectory Data Mining: Techniques and Applications. IEEE Access, 2016, 4, 2056-2067.	4.2	188
5	Exploiting dynamic spatio-temporal graph convolutional neural networks for citywide traffic flows prediction. Neural Networks, 2022, 145, 233-247.	5.9	158
6	A Compressive Sensing Approach to Urban Traffic Estimation with Probe Vehicles. IEEE Transactions on Mobile Computing, 2013, 12, 2289-2302.	5.8	156
7	Toward Secure Multikeyword Top-k Retrieval over Encrypted Cloud Data. IEEE Transactions on Dependable and Secure Computing, 2013, 10, 239-250.	5.4	135
8	Diagnosing New York city's noises with ubiquitous data. , 2014, , .		135
9	A data aggregation based approach to exploit dynamic spatio-temporal correlations for citywide crowd flows prediction in fog computing. Multimedia Tools and Applications, 2021, 80, 31401-31433.	3.9	130
10	Fine-Grained Abnormal Driving Behaviors Detection and Identification with Smartphones. IEEE Transactions on Mobile Computing, 2017, 16, 2198-2212.	5.8	106
11	Predicting Multi-step Citywide Passenger Demands Using Attention-based Neural Networks. , 2018, , .		104
12	Compressive Sensing Approach to Urban Traffic Sensing. , 2011, , .		97
13	Mining large-scale, sparse GPS traces for map inference. , 2012, , .		95
14	Impact of Traffic Influxes: Revealing Exponential Intercontact Time in Urban VANETs. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 1258-1266.	5.6	89
15	An Indirect Eavesdropping Attack of Keystrokes on Touch Screen through Acoustic Sensing. IEEE Transactions on Mobile Computing, 2021, 20, 337-351.	5.8	83
16	ZOOM: Scaling the mobility for fast opportunistic forwarding in vehicular networks. , 2013, , .		71
17	D ³ : Abnormal driving behaviors detection and identification using smartphone sensors. , 2015, , .		68
18	Next Point-of-Interest Recommendation with Temporal and Multi-level Context Attention. , 2018, , .		68

#	ARTICLE	IF	CITATIONS
19	Truthful online double auctions for dynamic mobile crowdsourcing. , 2015, , .		66
20	Lip Reading-Based User Authentication Through Acoustic Sensing on Smartphones. IEEE/ACM Transactions on Networking, 2019, 27, 447-460.	3.8	66
21	SenSpeed: Sensing Driving Conditions to Estimate Vehicle Speed in Urban Environments. IEEE Transactions on Mobile Computing, 2016, 15, 202-216.	5.8	65
22	Infrastructure-assisted routing in vehicular networks. , 2012, , .		63
23	LipPass: Lip Reading-based User Authentication on Smartphones Leveraging Acoustic Signals. , 2018, , .		61
24	SenSpeed: Sensing driving conditions to estimate vehicle speed in urban environments. , 2014, , .		60
25	A Reliability-Oriented Transmission Service in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 2100-2107.	5.6	59
26	Trajectory Improves Data Delivery in Urban Vehicular Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1089-1100.	5.6	58
27	Trajectory improves data delivery in vehicular networks. , 2011, , .		56
28	Incentive-Based Scheduling for Market-Like Computational Grids. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 903-913.	5.6	54
29	CrowdAtlas. , 2013, , .		52
30	Fast Viterbi map matching with tunable weight functions. , 2012, , .		49
31	POST: Exploiting Dynamic Sociality for Mobile Advertising in Vehicular Networks. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 1770-1782.	5.6	49
32	Pothole in the Dark: Perceiving Pothole Profiles with Participatory Urban Vehicles. IEEE Transactions on Mobile Computing, 2017, 16, 1408-1419.	5.8	49
33	Online Computation Offloading and Resource Scheduling in Mobile-Edge Computing. IEEE Internet of Things Journal, 2021, 8, 6649-6664.	8.7	46
34	A Double Auction Mechanism to Bridge Users's Task Requirements and Providers's Resources in Two-Sided Cloud Markets. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 720-733.	5.6	45
35	Compressive sensing based monitoring with vehicular networks. , 2013, , .		44
36	When 3G Meets VANET: 3G-Assisted Data Delivery in VANETs. IEEE Sensors Journal, 2013, 13, 3575-3584.	4.7	43

#	ARTICLE	IF	CITATIONS
37	Crowdsourcing Sensing to Smartphones: A Randomized Auction Approach. IEEE Transactions on Mobile Computing, 2017, 16, 2764-2777.	5.8	36
38	Exploiting Trajectory-Based Coverage for Geocast in Vehicular Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 3177-3189.	5.6	35
39	An Empirical Study on Urban IEEE 802.11p Vehicle-to-Vehicle Communication. , 2016, , .		35
40	A lightweight policy system for body sensor networks. IEEE Transactions on Network and Service Management, 2009, 6, 137-148.	4.9	34
41	HERO: Online Real-Time Vehicle Tracking. IEEE Transactions on Parallel and Distributed Systems, 2009, 20, 740-752.	5.6	33
42	HMVFS: A Versioning File System on DRAM/NVM Hybrid Memory. Journal of Parallel and Distributed Computing, 2018, 120, 355-368.	4.1	33
43	\$ALC^{2}\$: When Active Learning Meets Compressive Crowdsensing for Urban Air Pollution Monitoring. IEEE Internet of Things Journal, 2019, 6, 9427-9438.	8.7	33
44	On Maximizing Delay-Constrained Coverage of Urban Vehicular Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 804-817.	14.0	31
45	REIN: A fast event matching approach for content-based publish/subscribe systems. , 2014, , .		31
46	POST: Exploiting dynamic sociality for mobile advertising in vehicular networks. , 2014, , .		31
47	Sensing Human-Screen Interaction for Energy-Efficient Frame Rate Adaptation on Smartphones. IEEE Transactions on Mobile Computing, 2015, 14, 1698-1711.	5.8	31
48	TMC: Exploiting Trajectories for Multicast in Sparse Vehicular Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 262-271.	5.6	30
49	KeyListener: Inferring Keystrokes on QWERTY Keyboard of Touch Screen through Acoustic Signals. , 2019, , .		30
50	DELf: A Dual-Embedding based Deep Latent Factor Model for Recommendation. , 2018, , .		30
51	Leveraging Audio Signals for Early Recognition of Inattentive Driving with Smartphones. IEEE Transactions on Mobile Computing, 2018, 17, 1553-1567.	5.8	29
52	Real-time hand gesture recognition with Kinect for playing racing video games. , 2014, , .		27
53	SMOPAT: Mining semantic mobility patterns from trajectories of private vehicles. Information Sciences, 2018, 429, 12-25.	6.9	27
54	Inferring Dockless Shared Bike Distribution in New Cities. , 2018, , .		26

#	ARTICLE	IF	CITATIONS
55	META: A Mobility Model of METropolitan TAxis Extracted from GPS Traces. , 2010, , .		24
56	H-Tree: An Efficient Index Structurefor Event Matching in Content-BasedPublish/Subscribe Systems. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1622-1632.	5.6	24
57	ER: Early recognition of inattentive driving leveraging audio devices on smartphones. , 2017, , .		24
58	Forecasting Wavelet Transformed Time Series with Attentive Neural Networks. , 2018, , .		24
59	Incorporating Interpretability into Latent Factor Models via Fast Influence Analysis. , 2019, , .		24
60	A Survey on Cross-domain Recommendation: Taxonomies, Methods, and Future Directions. ACM Transactions on Information Systems, 2023, 41, 1-39.	4.9	24
61	POVA: Traffic Light Sensing with Probe Vehicles. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1390-1400.	5.6	22
62	L3: Sensing driving conditions for vehicle lane-level localization on highways. , 2016, , .		22
63	When data contributors meet multiple crowdsourcers: Bilateral competition in mobile crowdsourcing. Computer Networks, 2016, 95, 1-14.	5.1	22
64	Mobility increases the surface coverage of distributed sensor networks. Computer Networks, 2013, 57, 2348-2363.	5.1	21
65	Delay-Constrained Data Aggregation in VANETs. IEEE Transactions on Vehicular Technology, 2015, 64, 2097-2107.	6.3	21
66	Semantic Sensor Net: an extensible framework. International Journal of Ad Hoc and Ubiquitous Computing, 2009, 4, 157.	0.5	20
67	Energy-efficient scheduling on multi-FPGA reconfigurable systems. Microprocessors and Microsystems, 2013, 37, 590-600.	2.8	20
68	Towards Truthful Mechanisms for Mobile Crowdsourcing with Dynamic Smartphones. , 2014, , .		20
69	Social welfare maximization in participatory smartphone sensing. Computer Networks, 2014, 73, 195-209.	5.1	20
70	A secure collaboration service for dynamic virtual organizations. Information Sciences, 2010, 180, 3086-3107.	6.9	19
71	Heterogeneous Task Allocation in Participatory Sensing. , 2015, , .		19
72	A Mixed Transmission Strategy to Achieve Energy Balancing in Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2017, 16, 2111-2122.	9.2	19

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73	Leveraging Smartphones for Vehicle Lane-Level Localization on Highways. IEEE Transactions on Mobile Computing, 2018, 17, 1894-1907.	5.8	19
74	ABC: Adaptive Beacon Control for Rear-End Collision Avoidance in VANETs. , 2018, , .		19
75	Where Will Dockless Shared Bikes be Stacked?. , 2018, , .		18
76	Smart recommendation by mining large-scale GPS traces. , 2012, , .		17
77	Geographic routing based on predictive locations in vehicular ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	2.4	17
78	ANTS: Efficient Vehicle Locating Based on Ant Search in ShanghaiGrid. IEEE Transactions on Vehicular Technology, 2009, 58, 4088-4097.	6.3	16
79	SECO: Secure and scalable data collaboration services in cloud computing. Computers and Security, 2015, 50, 91-105.	6.0	16
80	Stochastic Optimal Control for Participatory Sensing Systems with Heterogenous Requests. IEEE Transactions on Computers, 2016, 65, 1619-1631.	3.4	16
81	Distributed Social Welfare Maximization in Urban Vehicular Participatory Sensing Systems. IEEE Transactions on Mobile Computing, 2018, 17, 1314-1325.	5.8	16
82	Urban noise mapping with a crowd sensing system. Wireless Networks, 2019, 25, 2351-2364.	3.0	16
83	Graph-Enhanced Spatial-Temporal Network for Next POI Recommendation. ACM Transactions on Knowledge Discovery From Data, 2022, 16, 1-21.	3.5	16
84	CCR: Capacity-constrained replication for data delivery in vehicular networks. , 2013, , .		15
85	Energy-Efficient Identification in Large-Scale RFID Systems with Handheld Reader. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1211-1222.	5.6	15
86	Optimizing event detection in low duty-cycled sensor networks. Wireless Networks, 2012, 18, 241-255.	3.0	14
87	Profit-Maximizing Stochastic Control for Mobile Crowd Sensing Platforms. , 2014, , .		14
88	Incentive Design for Air Pollution Monitoring Based on Compressive Crowdsensing. , 2016, , .		14
89	NoiseSense: A Crowd Sensing System for Urban Noise Mapping Service. , 2016, , .		14
90	Fair Energy-Efficient Sensing Task Allocation in Participatory Sensing with Smartphones. Computer Journal, 2017, 60, 850-865.	2.4	14

#	ARTICLE	IF	CITATIONS
91	Online auction for IaaS clouds: Towards elastic user demands and weighted heterogeneous VMs. , 2017, , .		14
92	Truthful incentive mechanisms for mobile crowd sensing with dynamic smartphones. Computer Networks, 2018, 141, 1-16.	5.1	14
93	SteerTrack: Acoustic-Based Device-Free Steering Tracking Leveraging Smartphones. , 2018, , .		14
94	Utility-maximizing data collection in crowd sensing: An optimal scheduling approach. , 2015, , .		13
95	PURE: Blind Regression Modeling for Low Quality Data with Participatory Sensing. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 1199-1211.	5.6	13
96	Online Auction for IaaS Clouds: Towards Elastic User Demands and Weighted Heterogeneous VMs. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 2075-2089.	5.6	13
97	Towards privacy-preserving data trading for web browsing history. , 2019, , .		13
98	TGBA: A two-phase group buying based auction mechanism for recruiting workers in mobile crowd sensing. Computer Networks, 2019, 149, 56-75.	5.1	13
99	An Energy-Efficient K-Hop Clustering Framework for Wireless Sensor Networks. , 2007, , 17-33.		12
100	Mobile barrier coverage for dynamic objects in wireless sensor networks. , 2012, , .		12
101	A Truthful Online Auction for Tempo-spatial Crowdsourcing Tasks. , 2015, , .		12
102	Multi-level Attention Networks for Multi-step Citywide Passenger Demands Prediction. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	5.7	12
103	A Near-Optimal Approach for Online Task Offloading and Resource Allocation in Edge-Cloud Orchestrated Computing. IEEE Transactions on Mobile Computing, 2022, 21, 2687-2700.	5.8	12
104	Early Experience of Remote and Hot Service Deployment with Trustworthiness in CROWN Grid. Lecture Notes in Computer Science, 2005, , 301-312.	1.3	12
105	Deep Reinforcement Learning Based Approach for Online Service Placement and Computation Resource Allocation in Edge Computing. IEEE Transactions on Mobile Computing, 2023, 22, 3870-3881.	5.8	12
106	Application of RPC Model in Orthorectification of Spaceborne SAR Imagery. Photogrammetric Record, 2012, 27, 94-110.	0.4	11
107	Vision Based Hand Gesture Recognition. , 2013, , .		11
108	Mining Large-Scale GPS Streams for Connectivity Refinement of Road Maps. Computer Journal, 2015, 58, 2109-2119.	2.4	11

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109	Group Buying Based Incentive Mechanism for Mobile Crowd Sensing. , 2016, , .		11
110	Learning from multiple dynamic graphs of student and course interactions for student grade predictions. Neurocomputing, 2021, 431, 23-33.	5.9	11
111	Exploiting mobility patterns for inter-technology handover in mobile environments. Computer Communications, 2013, 36, 203-210.	5.1	10
112	Pervasive Urban Sensing with Large-Scale Mobile Probe Vehicles. International Journal of Distributed Sensor Networks, 2013, 9, 762503.	2.2	10
113	Sensing processes participation game of smartphones in participatory sensing systems. , 2014, , .		10
114	Accurate and Low-cost Mobile Indoor Localization with 2-D Magnetic Fingerprints. , 2017, , .		10
115	A truthful incentive mechanism for mobile crowd sensing with location-Sensitive weighted tasks. Computer Networks, 2018, 132, 1-14.	5.1	10
116	Leveraging Acoustic Signals for Vehicle Steering Tracking with Smartphones. IEEE Transactions on Mobile Computing, 2020, 19, 865-879.	5.8	10
117	AMT: Acoustic Multi-target Tracking with Smartphone MIMO System. , 2021, , .		10
118	Incentive-Based P2P Scheduling in Grid Computing. Lecture Notes in Computer Science, 2004, , 209-216.	1.3	9
119	ROST: Remote and hot service deployment with trustworthiness in CROWN Grid. Future Generation Computer Systems, 2007, 23, 825-835.	7.5	9
120	An Energy Efficient Algorithm for Virtual Machine Allocation in Cloud Datacenters. Communications in Computer and Information Science, 2016, , 61-72.	0.5	9
121	Online Pricing and Trading of Private Data in Correlated Queries. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 569-585.	5.6	9
122	S-Club: an overlay-based efficient service discovery mechanism in CROWN Grid. Knowledge and Information Systems, 2007, 12, 55-75.	3.2	8
123	WiBee: Building WiFi radio map with ZigBee sensor networks. , 2012, , .		8
124	An evaluation of vehicular networks with real vehicular GPS traces. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	8
125	On deploying relays for connected indoor sensor networks. Journal of Communications and Networks, 2014, 16, 335-343.	2.6	8
126	Crowdsourcing Sensing Workloads of Heterogeneous Tasks: A Distributed Fairness-Aware Approach. , 2015, , .		8

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127	A sociality-aware approach to computing backbone in mobile opportunistic networks. Ad Hoc Networks, 2015, 24, 46-56.	5.5	8
128	When remote sensing data meet ubiquitous urban data: Fine-grained air quality inference. , 2016, , .		8
129	Behavior Dynamics of Multiple Crowdsourcers in Mobile Crowdsourcing Markets. IEEE Network, 2016, 30, 92-96.	6.9	8
130	SPRCA: Distributed Multisource Information Propagation in Multichannel VANETs. IEEE Transactions on Vehicular Technology, 2017, 66, 11306-11316.	6.3	8
131	Fine-Grained Air Quality Inference with Remote Sensing Data and Ubiquitous Urban Data. ACM Transactions on Knowledge Discovery From Data, 2019, 13, 1-27.	3.5	8
132	A fast and anti-matchability matching algorithm for content-based publish/subscribe systems. Computer Networks, 2019, 149, 213-225.	5.1	8
133	China's national research project on wireless sensor networks. IEEE Wireless Communications, 2007, 14, 78-83.	9.0	7
134	Finger: An efficient policy system for body sensor networks. , 2008, , .		7
135	Optimal anti-jamming strategy in sensor networks. , 2012, , .		7
136	Correlating mobility with social encounters: Distributed localization in sparse mobile networks. , 2012, , .		7
137	On efficient neighbor sensing in vehicular networks. Computer Communications, 2012, 35, 1639-1648.	5.1	7
138	Improving Throughput and Fairness of Convergecast in Vehicular Networks. IEEE Transactions on Mobile Computing, 2017, 16, 3070-3083.	5.8	7
139	Quality of Information (Qol)-aware cooperative sensing in vehicular sensor networks. , 2017, , .		7
140	Mitigate the Obstructing Effect of Vehicles on the Propagation of VANETs Safety-Related Information. IEEE Transactions on Vehicular Technology, 2018, 67, 5558-5569.	6.3	7
141	VPad: Virtual Writing Tablet for Laptops Leveraging Acoustic Signals. , 2018, , .		7
142	PhSIH. , 2019, , .		7
143	Detecting Taxi Trajectory Anomaly Based on Spatio-Temporal Relations. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 6883-6894.	8.0	7
144	MO-Tree: An Efficient Forwarding Engine for Spatiotemporal-Aware Pub/Sub Systems. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 855-866.	5.6	7

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145	mmECC: Monitoring Human Cardiac Cycle in Driving Environments Leveraging Millimeter Wave. , 2022, , .		7
146	Incentive-based scheduling in Grid computing. Concurrency Computation Practice and Experience, 2006, 18, 1729-1746.	2.2	6
147	Customer Satisfaction-Aware Scheduling for Utility Maximization on Geo-distributed Cloud Data Centers. , 2013, , .		6
148	Crowdsourcing sensing to smartphones: A randomized auction approach. , 2015, , .		6
149	Correlating mobility with social encounters: distributed localization in sparse mobile networks. Wireless Networks, 2015, 21, 201-215.	3.0	6
150	A Hybrid Approach Based on Collaborative Filtering to Recommending Mobile Apps. , 2016, , .		6
151	A new harmony search based allocation algorithm for location dependent tasks in crowdsensing. , 2016, , .		6
152	Location Privacy-Preserving Method for Auction-Based Incentive Mechanisms in Mobile Crowd Sensing. Computer Journal, 2018, 61, 937-948.	2.4	6
153	STL: Online Detection of Taxi Trajectory Anomaly Based on Spatial-Temporal Laws. Lecture Notes in Computer Science, 2019, , 764-779.	1.3	6
154	Online cost-rejection rate scheduling for resource requests in hybrid clouds. Parallel Computing, 2019, 81, 85-103.	2.1	6
155	Towards Correlated Queries on Trading of Private Web Browsing History. , 2020, , .		6
156	Processing-While-Transmitting: Cost-Minimized Transmission in SDN-Based STINs. IEEE/ACM Transactions on Networking, 2022, 30, 243-256.	3.8	6
157	Uncovering Value of Correlated Data: Trading Data based on Iterative Combinatorial Auction. , 2021, , .		6
158	Stimulus-based adaptive sleeping for wireless sensor networks. , 2005, , .		5
159	Practical location-based routing in vehicular ad hoc networks. , 2009, , .		5
160	Coverage-aware Geocast Routing in Urban Vehicular Networks. , 2012, , .		5
161	Optimal Relay Placement for Indoor Sensor Networks. , 2012, , .		5
162	Load balance vs utility maximization in mobile crowd sensing: A distributed approach. , 2014, , .		5

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163	HiHeading: Smartphone-Based Indoor Map Construction System with High Accuracy Heading Inference. , 2015, , .		5
164	LibreKV: A Persistent In-Memory Key-Value Store. IEEE Transactions on Emerging Topics in Computing, 2017, , 1-1.	4.6	5
165	A GPU-Accelerated Framework for Processing Trajectory Queries. , 2018, , .		5
166	GAT: A Unified GPU-Accelerated Framework for Processing Batch Trajectory Queries. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 92-107.	5.7	5
167	Data-Driven Digital Advertising with Uncertain Demand Model in Metro Networks. IEEE Transactions on Big Data, 2021, 7, 313-326.	6.1	5
168	Jointly Modeling Heterogeneous Student Behaviors and Interactions among Multiple Prediction Tasks. ACM Transactions on Knowledge Discovery From Data, 2022, 16, 1-24.	3.5	5
169	Optimal Mobility-Aware Handoff in Mobile Environments. , 2011, , .		4
170	Optimal Adaptive Antijamming in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2012, 8, 485-345.	2.2	4
171	On adaptive routing in urban vehicular networks. , 2012, , .		4
172	Differentiating Your Friends for Scaling Online Social Networks. , 2012, , .		4
173	Augmenting vehicular 3G users through inter-vehicle communications. , 2013, , .		4
174	Customer satisfaction-aware scheduling for utility maximization on geo-distributed data centers. Concurrency Computation Practice and Experience, 2015, 27, 1334-1354.	2.2	4
175	Compressive detection and localization of multiple heterogeneous events in sensor networks. Ad Hoc Networks, 2017, 65, 65-77.	5.5	4
176	IS. , 2019, 3, 1-22.		4
177	An Unsupervised Incremental Virtual Learning Method for Financial Fraud Detection. , 2019, , .		4
178	A Profit-maximizing Mechanism for Query-based Data Trading with Personalized Differential Privacy. Computer Journal, 2021, 64, 264-280.	2.4	4
179	EMP: Exploiting Mobility Patterns for Collaborative Localization in Sparse Mobile Networks. International Journal of Distributed Sensor Networks, 2014, 10, 370-364.	2.2	4
180	Delay-Optimal Cooperation Transmission in Remote Sensing Satellite Networks. IEEE Transactions on Mobile Computing, 2022, , 1-1.	5.8	4

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181	A Reliability-oriented Transmission Service in Wireless Sensor Networks. , 2007, , .		3
182	On Optimal Relay Placement for Urban Vehicular Networks. , 2011, , .		3
183	3G-assisted routing in vehicular networks. , 2012, , .		3
184	On adaptive routing in urban vehicular networks. Wireless Networks, 2013, 19, 1995-2004.	3.0	3
185	Distributed Spectrum Sharing in Cognitive Radio Networks: A Pricing-Based Decomposition Approach. International Journal of Distributed Sensor Networks, 2014, 10, 262137.	2.2	3
186	SEED: solar energy-aware efficient scheduling for data centers. Concurrency Computation Practice and Experience, 2014, 26, 2811-2835.	2.2	3
187	iCal: Intervention-free Calibration for Measuring Noise with Smartphones. , 2015, , .		3
188	A distributed algorithm for maximizing utility of data collection in a crowd sensing system. International Journal of Distributed Sensor Networks, 2016, 12, 155014771666808.	2.2	3
189	A probabilistic approach to statistical QoS provision of event detection in sensor networks. Wireless Networks, 2016, 22, 439-451.	3.0	3
190	Mitigate the obstructing effect of vehicles on the propagation of VANETs safety-related information. , 2017, , .		3
191	Adaptive Prefetching for Accelerating Read and Write in NVM-Based File Systems. , 2017, , .		3
192	Exploiting RDMA for Distributed Low-Latency Key/Value Store on Non-volatile Main Memory. , 2017, , .		3
193	WiZoom: Accurate Multipath Profiling using Commodity WiFi Devices with Limited Bandwidth. , 2019, , .		3
194	Enable Traditional Laptops with Virtual Writing Capability Leveraging Acoustic Signals. Computer Journal, 2021, 64, 1814-1831.	2.4	3
195	Optimized Controller Provisioning in Software-Defined LEO Satellite Networks. IEEE Transactions on Mobile Computing, 2023, 22, 4850-4864.	5.8	3
196	Learning Aspect-Aware High-Order Representations from Ratings and Reviews for Recommendation. ACM Transactions on Knowledge Discovery From Data, 2023, 17, 1-22.	3.5	3
197	Push the Limit of WiFi-based User Authentication towards Undefined Gestures. , 2022, , .		3
198	Hotness-Aware Sensor Networks. , 2008, , .		2

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199	An Evaluation of Vehicular Networks with Real Traces. , 2012, , .		2
200	Exploiting Network Coding for Data Availability in Vehicular Networks: Issues and Opportunities. , 2012, , .		2
201	Harnessing Vehicle-to-Vehicle Communications for 3G Downloads on the Move. International Journal of Distributed Sensor Networks, 2014, 10, 657905.	2.2	2
202	Distributed compressive data gathering in low duty cycled wireless sensor networks. , 2014, , .		2
203	Compressive detection and localization of multiple heterogeneous events with sensor networks. , 2014, , .		2
204	NoiseCo: Smartphone-based noise collection and correction. , 2015, , .		2
205	Packet-Level Failure Classification by Characterizing Failure Patterns in Wireless Sensor Networks. , 2015, , .		2
206	An efficient distributed algorithm for spectrum allocation in multi-hop cognitive radio networks. , 2015, , .		2
207	EveryoneCounts: Data-driven digital advertising with uncertain demand model in metro networks. , 2015, , .		2
208	Towards Redundancy-Aware Data Utility Maximization in Crowdsourced Sensing with Smartphones. , 2015, , .		2
209	SmartCut: Mitigating 3G Radio Tail Effect on Smartphones. IEEE Transactions on Mobile Computing, 2015, 14, 169-179.	5.8	2
210	Cost-efficient VM configuration algorithm in the cloud using mix scaling strategy. , 2017, , .		2
211	Online Pricing for Efficient Renewable Energy Sharing in a Sustainable Microgrid. Computer Journal, 2017, , .	2.4	2
212	Data Utility Maximization When Leveraging Crowdsensing in Machine Learning. , 2018, , .		2
213	JSNVM: Supporting Data Persistence in JavaScript Using Non-Volatile Memory. , 2018, , .		2
214	Modeling Conceptual Characteristics of Virtual Machines for CPU Utilization Prediction. Lecture Notes in Computer Science, 2018, , 319-333.	1.3	2
215	Partial-PreSET: Enhancing Lifetime of PCM-Based Main Memory with Fine-Grained SET Operations. International Journal of Parallel Programming, 2018, 46, 736-748.	1.5	2
216	Cruising or Waiting: A Shared Recommender System for Taxi Drivers. Lecture Notes in Computer Science, 2018, , 418-430.	1.3	2

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217	Optimizing the Waiting Time of Sensors in a MANET to Strike a Balance between Energy Consumption and Data Timeliness. , 2019, , .		2
218	LADD: A Length-Adaptive Approach to Detecting Taxi Anomalous Detours. , 2019, , .		2
219	Online task dispatching and pricing for quality-of-service-aware sensing data collection for mobile edge clouds. CCF Transactions on Networking, 2019, 2, 28-42.	1.1	2
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