

Yanmin Zhu

List of Publications by Year in descending order

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264
papers

5,457
citations

172457

29
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189892

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g-index

269
all docs

269
docs citations

269
times ranked

4412
citing authors

#	ARTICLE	IF	CITATIONS
1	Lap: A latency-aware parallelism framework for content-based publish/subscribe systems. <i>Concurrency Computation Practice and Experience</i> , 2023, 35, e6640.	2.2	1
2	Deep Reinforcement Learning Based Approach for Online Service Placement and Computation Resource Allocation in Edge Computing. <i>IEEE Transactions on Mobile Computing</i> , 2023, 22, 3870-3881.	5.8	12
3	Optimized Controller Provisioning in Software-Defined LEO Satellite Networks. <i>IEEE Transactions on Mobile Computing</i> , 2023, 22, 4850-4864.	5.8	3
4	Learning Aspect-Aware High-Order Representations from Ratings and Reviews for Recommendation. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2023, 17, 1-22.	3.5	3
5	A Survey on Cross-domain Recommendation: Taxonomies, Methods, and Future Directions. <i>ACM Transactions on Information Systems</i> , 2023, 41, 1-39.	4.9	24
6	A Near-Optimal Approach for Online Task Offloading and Resource Allocation in Edge-Cloud Orchestrated Computing. <i>IEEE Transactions on Mobile Computing</i> , 2022, 21, 2687-2700.	5.8	12
7	Detecting Taxi Trajectory Anomaly Based on Spatio-Temporal Relations. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 6883-6894.	8.0	7
8	Jointly Modeling Heterogeneous Student Behaviors and Interactions among Multiple Prediction Tasks. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2022, 16, 1-24.	3.5	5
9	Online Pricing and Trading of Private Data in Correlated Queries. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2022, 33, 569-585.	5.6	9
10	Processing-While-Transmitting: Cost-Minimized Transmission in SDN-Based STINs. <i>IEEE/ACM Transactions on Networking</i> , 2022, 30, 243-256.	3.8	6
11	Exploiting dynamic spatio-temporal graph convolutional neural networks for citywide traffic flows prediction. <i>Neural Networks</i> , 2022, 145, 233-247.	5.9	158
12	Graph-Enhanced Spatial-Temporal Network for Next POI Recommendation. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2022, 16, 1-21.	3.5	16
13	Delay-Optimal Cooperation Transmission in Remote Sensing Satellite Networks. <i>IEEE Transactions on Mobile Computing</i> , 2022, , 1-1.	5.8	4
14	Push the Limit of WiFi-based User Authentication towards Undefined Gestures. , 2022, , .		3
15	mmECC: Monitoring Human Cardiac Cycle in Driving Environments Leveraging Millimeter Wave. , 2022, , .		7
16	Enable Traditional Laptops with Virtual Writing Capability Leveraging Acoustic Signals. <i>Computer Journal</i> , 2021, 64, 1814-1831.	2.4	3
17	Data-Driven Digital Advertising with Uncertain Demand Model in Metro Networks. <i>IEEE Transactions on Big Data</i> , 2021, 7, 313-326.	6.1	5
18	A Profit-maximizing Mechanism for Query-based Data Trading with Personalized Differential Privacy. <i>Computer Journal</i> , 2021, 64, 264-280.	2.4	4

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19	An Indirect Eavesdropping Attack of Keystrokes on Touch Screen through Acoustic Sensing. IEEE Transactions on Mobile Computing, 2021, 20, 337-351.	5.8	83
20	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
21	Learning from multiple dynamic graphs of student and course interactions for student grade predictions. Neurocomputing, 2021, 431, 23-33.	5.9	11
22	Online Computation Offloading and Resource Scheduling in Mobile-Edge Computing. IEEE Internet of Things Journal, 2021, 8, 6649-6664.	8.7	46
23	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
24	AMT: Acoustic Multi-target Tracking with Smartphone MIMO System. , 2021, , .		10
25	Uncovering Value of Correlated Data: Trading Data based on Iterative Combinatorial Auction. , 2021, , .		6
26	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
27	Leveraging Acoustic Signals for Vehicle Steering Tracking with Smartphones. IEEE Transactions on Mobile Computing, 2020, 19, 865-879.	5.8	10
28	Towards Correlated Queries on Trading of Private Web Browsing History. , 2020, , .		6
29	Roda: A Flexible Framework for Real-Time On-demand Data Aggregation. Lecture Notes in Computer Science, 2020, , 587-602.	1.3	1
30	PhSIH. , 2019, , .		7
31	A Multimodal Lossless Coding Method for Skeletons in Videos. , 2019, , .		1
32	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
33	A QoS-oriented Scheduling and Autoscaling Framework for Deep Learning. , 2019, , .		0
34	Multi-level Attention Networks for Multi-step Citywide Passenger Demands Prediction. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	5.7	12
35	Incorporating Interpretability into Latent Factor Models via Fast Influence Analysis. , 2019, , .		24
36	Towards privacy-preserving data trading for web browsing history. , 2019, , .		13

#	ARTICLE	IF	CITATIONS
37	\$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
38	IS. , 2019, 3, 1-22.		4
39	Lip Reading-Based User Authentication Through Acoustic Sensing on Smartphones. IEEE/ACM Transactions on Networking, 2019, 27, 447-460.	3.8	66
40	KeyListener: Inferring Keystrokes on QWERTY Keyboard of Touch Screen through Acoustic Signals. , 2019, , .		30
41	STL: Online Detection of Taxi Trajectory Anomaly Based on Spatial-Temporal Laws. Lecture Notes in Computer Science, 2019, , 764-779.	1.3	6
42	An Unsupervised Incremental Virtual Learning Method for Financial Fraud Detection. , 2019, , .		4
43	Optimizing the Waiting Time of Sensors in a MANET to Strike a Balance between Energy Consumption and Data Timeliness. , 2019, , .		2
44	LADD: A Length-Adaptive Approach to Detecting Taxi Anomalous Detours. , 2019, , .		2
45	WiZoom: Accurate Multipath Profiling using Commodity WiFi Devices with Limited Bandwidth. , 2019, , .		3
46	DOAD: An Online Dredging Operation Anomaly Detection Method based on AIS Data. , 2019, , .		1
47	Online cost-rejection rate scheduling for resource requests in hybrid clouds. Parallel Computing, 2019, 81, 85-103.	2.1	6
48	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
49	A fast and anti-matchability matching algorithm for content-based publish/subscribe systems. Computer Networks, 2019, 149, 213-225.	5.1	8
50	Redundancy-Aware and Budget-Feasible Incentive Mechanism in Crowd Sensing. Computer Journal, 2019, , .	2.4	1
51	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
52	Urban noise mapping with a crowd sensing system. Wireless Networks, 2019, 25, 2351-2364.	3.0	16
53	A Multi-task Learning Framework for Automatic Early Detection of Alzheimer's. Lecture Notes in Computer Science, 2019, , 240-243.	1.3	0
54	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

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55	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
56	HMFS: A hybrid in-memory file system with version consistency. Journal of Parallel and Distributed Computing, 2018, 117, 18-36.	4.1	1
57	Study on the Nb3Sn Rutherford Cable for High-Energy Accelerators. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.7	1
58	Leveraging Audio Signals for Early Recognition of Inattentive Driving with Smartphones. IEEE Transactions on Mobile Computing, 2018, 17, 1553-1567.	5.8	29
59	Leveraging Smartphones for Vehicle Lane-Level Localization on Highways. IEEE Transactions on Mobile Computing, 2018, 17, 1894-1907.	5.8	19
60	Predicting Multi-step Citywide Passenger Demands Using Attention-based Neural Networks. , 2018, , .		104
61	Inferring Dockless Shared Bike Distribution in New Cities. , 2018, , .		26
62	Location Privacy-Preserving Method for Auction-Based Incentive Mechanisms in Mobile Crowd Sensing. Computer Journal, 2018, 61, 937-948.	2.4	6
63	A truthful incentive mechanism for mobile crowd sensing with location-Sensitive weighted tasks. Computer Networks, 2018, 132, 1-14.	5.1	10
64	Distributed Social Welfare Maximization in Urban Vehicular Participatory Sensing Systems. IEEE Transactions on Mobile Computing, 2018, 17, 1314-1325.	5.8	16
65	Optimal Distributed Auction for Mobile Crowd Sensing. Computer Journal, 2018, 61, 1443-1459.	2.4	1
66	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
67	HMVFS: A Versioning File System on DRAM/NVM Hybrid Memory. Journal of Parallel and Distributed Computing, 2018, 120, 355-368.	4.1	33
68	SMOPAT: Mining semantic mobility patterns from trajectories of private vehicles. Information Sciences, 2018, 429, 12-25.	6.9	27
69	UpPreempt: A Fine-Grained Preemptive Scheduling Strategy for Container-Based Clusters. , 2018, , .		0
70	Mining Magnitude-Oblivious Periodical Patterns of Dockless Shared Bike Demands. , 2018, , .		0
71	Data Utility Maximization When Leveraging Crowdsensing in Machine Learning. , 2018, , .		2
72	Adjusting Matching Algorithm to Adapt to Dynamic Subscriptions in Content-Based Publish/Subscribe Systems. , 2018, , .		1

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73	JSNVM: Supporting Data Persistence in JavaScript Using Non-Volatile Memory. , 2018, , .		2
74	VPad: Virtual Writing Tablet for Laptops Leveraging Acoustic Signals. , 2018, , .		7
75	Forecasting Wavelet Transformed Time Series with Attentive Neural Networks. , 2018, , .		24
76	Next Point-of-Interest Recommendation with Temporal and Multi-level Context Attention. , 2018, , .		68
77	Modeling Conceptual Characteristics of Virtual Machines for CPU Utilization Prediction. Lecture Notes in Computer Science, 2018, , 319-333.	1.3	2
78	LipPass: Lip Reading-based User Authentication on Smartphones Leveraging Acoustic Signals. , 2018, , .		61
79	A GPU-Accelerated Framework for Processing Trajectory Queries. , 2018, , .		5
80	Truthful incentive mechanisms for mobile crowd sensing with dynamic smartphones. Computer Networks, 2018, 141, 1-16.	5.1	14
81	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
82	ABC: Adaptive Beacon Control for Rear-End Collision Avoidance in VANETs. , 2018, , .		19
83	SteerTrack: Acoustic-Based Device-Free Steering Tracking Leveraging Smartphones. , 2018, , .		14
84	Where Will Dockless Shared Bikes be Stacked?. , 2018, , .		18
85	Cruising or Waiting: A Shared Recommender System for Taxi Drivers. Lecture Notes in Computer Science, 2018, , 418-430.	1.3	2
86	DELF: A Dual-Embedding based Deep Latent Factor Model for Recommendation. , 2018, , .		30
87	Crowdsourcing Sensing to Smartphones: A Randomized Auction Approach. IEEE Transactions on Mobile Computing, 2017, 16, 2764-2777.	5.8	36
88	A Mixed Transmission Strategy to Achieve Energy Balancing in Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2017, 16, 2111-2122.	9.2	19
89	Improving Throughput and Fairness of Convergecast in Vehicular Networks. IEEE Transactions on Mobile Computing, 2017, 16, 3070-3083.	5.8	7
90	Modeling Air Travel Choice Behavior with Mixed Kernel Density Estimations. , 2017, , .		1

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91	Cost-efficient VM configuration algorithm in the cloud using mix scaling strategy. , 2017, , .		2
92	Mitigate the obstructing effect of vehicles on the propagation of VANETs safety-related information. , 2017, , .		3
93	Online Pricing for Efficient Renewable Energy Sharing in a Sustainable Microgrid. Computer Journal, 2017, , .	2.4	2
94	Compressive detection and localization of multiple heterogeneous events in sensor networks. Ad Hoc Networks, 2017, 65, 65-77.	5.5	4
95	Fair Energy-Efficient Sensing Task Allocation in Participatory Sensing with Smartphones. Computer Journal, 2017, 60, 850-865.	2.4	14
96	SPRCA: Distributed Multisource Information Propagation in Multichannel VANETs. IEEE Transactions on Vehicular Technology, 2017, 66, 11306-11316.	6.3	8
97	Quality of Information (Qol)-aware cooperative sensing in vehicular sensor networks. , 2017, , .		7
98	Fine-Grained Abnormal Driving Behaviors Detection and Identification with Smartphones. IEEE Transactions on Mobile Computing, 2017, 16, 2198-2212.	5.8	106
99	Pothole in the Dark: Perceiving Pothole Profiles with Participatory Urban Vehicles. IEEE Transactions on Mobile Computing, 2017, 16, 1408-1419.	5.8	49
100	Accurate and Low-cost Mobile Indoor Localization with 2-D Magnetic Fingerprints. , 2017, , .		10
101	Online auction for IaaS clouds: Towards elastic user demands and weighted heterogeneous VMs. , 2017, , .		14
102	LibreKV: A Persistent In-Memory Key-Value Store. IEEE Transactions on Emerging Topics in Computing, 2017, , 1-1.	4.6	5
103	Adaptive Prefetching for Accelerating Read and Write in NVM-Based File Systems. , 2017, , .		3
104	ER: Early recognition of inattentive driving leveraging audio devices on smartphones. , 2017, , .		24
105	Exploiting RDMA for Distributed Low-Latency Key/Value Store on Non-volatile Main Memory. , 2017, , .		3
106	SAAP. , 2017, , .		0
107	Road Recognition Using Big Data of Coarse-Grained Vehicular Footprints. , 2017, , .		1
108	Accelerating Traditional File Systems on Non-volatile Main Memory. , 2017, , .		0

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109	SCMKV: A Lightweight Log-Structured Key-Value Store on SCM. Lecture Notes in Computer Science, 2017, , 1-12.	1.3	0
110	On Trajectory-Based Network Construction for Time-Constrained Data Delivery in VANETs. , 2016, , .		0
111	A Distributed Auction Approach to Crowdsourced Sensing over Smartphones. , 2016, , .		0
112	When remote sensing data meet ubiquitous urban data: Fine-grained air quality inference. , 2016, , .		8
113	On Unified Mobile Sensing Data Gathering with Urban Vehicular Networks. , 2016, , .		1
114	Incentive Design for Air Pollution Monitoring Based on Compressive Crowdsensing. , 2016, , .		14
115	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
116	Behavior Dynamics of Multiple Crowdsourcers in Mobile Crowdsourcing Markets. IEEE Network, 2016, 30, 92-96.	6.9	8
117	NoiseSense: A Crowd Sensing System for Urban Noise Mapping Service. , 2016, , .		14
118	A Hybrid Approach Based on Collaborative Filtering to Recommending Mobile Apps. , 2016, , .		6
119	A Survey on Trajectory Data Mining: Techniques and Applications. IEEE Access, 2016, 4, 2056-2067.	4.2	188
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	L3: Sensing driving conditions for vehicle lane-level localization on highways. , 2016, , .		22
122	Long-Term Renewable Energy Usage Maximization in a Microgrid. , 2016, , .		0
123	An Empirical Study on Urban IEEE 802.11p Vehicle-to-Vehicle Communication. , 2016, , .		35
124	Group Buying Based Incentive Mechanism for Mobile Crowd Sensing. , 2016, , .		11
125	A new harmony search based allocation algorithm for location dependent tasks in crowdsensing. , 2016, , .		6
126	A probabilistic approach to statistical QoS provision of event detection in sensor networks. Wireless Networks, 2016, 22, 439-451.	3.0	3

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127	When data contributors meet multiple crowdsourcers: Bilateral competition in mobile crowdsourcing. Computer Networks, 2016, 95, 1-14.	5.1	22
128	POST: Exploiting Dynamic Sociality for Mobile Advertising in Vehicular Networks. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 1770-1782.	5.6	49
129	Stochastic Optimal Control for Participatory Sensing Systems with Heterogenous Requests. IEEE Transactions on Computers, 2016, 65, 1619-1631.	3.4	16
130	SenSpeed: Sensing Driving Conditions to Estimate Vehicle Speed in Urban Environments. IEEE Transactions on Mobile Computing, 2016, 15, 202-216.	5.8	65
131	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
132	Utility-maximizing data collection in crowd sensing: An optimal scheduling approach. , 2015, , .		13
133	NoiseCo: Smartphone-based noise collection and correction. , 2015, , .		2
134	Heterogeneous Task Allocation in Participatory Sensing. , 2015, , .		19
135	DEEL: Detecting elevation of urban roads with smartphones on wheels. , 2015, , .		1
136	Customer satisfaction-aware scheduling for utility maximization on geo-aware distributed data centers. Concurrency Computation Practice and Experience, 2015, 27, 1334-1354.	2.2	4
137	H-Tree: An Efficient Index Structure for Event Matching in Content-Based Publish/Subscribe Systems. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1622-1632.	5.6	24
138	Packet-Level Failure Classification by Characterizing Failure Patterns in Wireless Sensor Networks. , 2015, , .		2
139	Crowdsourcing Sensing Workloads of Heterogeneous Tasks: A Distributed Fairness-Aware Approach. , 2015, , .		8
140	An efficient distributed algorithm for spectrum allocation in multi-hop cognitive radio networks. , 2015, , .		2
141	Towards Redundancy-Aware Data Utility Maximization in Crowdsourced Sensing with Smartphones. , 2015, , .		1
142	Crowdsourcing sensing to smartphones: A randomized auction approach. , 2015, , .		6
143	OutSense: Out-of-Band Sensing with ZigBee Sensors for Channel Adaptation in Wireless LANs. , 2015, , .		0
144	Characterizing sociality for user-friendly steady load balancing in enterprise WLANs. IEEE Network, 2015, 29, 26-32.	6.9	1

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145	Decentralized Dynamic Participation in Participatory Sensing: A Correlated-Equilibrium Game Approach. , 2015, , .		0
146	Truthful online double auctions for dynamic mobile crowdsourcing. , 2015, , .		66
147	HiHeading: Smartphone-Based Indoor Map Construction System with High Accuracy Heading Inference. , 2015, , .		5
148	D<sup>3</sup>: Abnormal driving behaviors detection and identification using smartphone sensors. , 2015, , .		68
149	EveryoneCounts: Data-driven digital advertising with uncertain demand model in metro networks. , 2015, , .		2
150	Monitoring ground deformation in the Hangjiahu Plain using InSAR technique. , 2015, , .		0
151	iCal: Intervention-free Calibration for Measuring Noise with Smartphones. , 2015, , .		3
152	SECO: Secure and scalable data collaboration services in cloud computing. Computers and Security, 2015, 50, 91-105.	6.0	16
153	Sensing Human-Screen Interaction for Energy-Efficient Frame Rate Adaptation on Smartphones. IEEE Transactions on Mobile Computing, 2015, 14, 1698-1711.	5.8	31
154	<i>CDC</i>: Compressive Data Collection for Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2188-2197.	5.6	227
155	Correlating mobility with social encounters: distributed localization in sparse mobile networks. Wireless Networks, 2015, 21, 201-215.	3.0	6
156	Cross-platform Interference: Locating wifi devices with ZigBee sensor networks. , 2015, , .		1
157	Mining Large-Scale GPS Streams for Connectivity Refinement of Road Maps. Computer Journal, 2015, 58, 2109-2119.	2.4	11
158	Towards Redundancy-Aware Data Utility Maximization in Crowdsourced Sensing with Smartphones. , 2015, , .		2
159	A Truthful Online Auction for Tempo-spatial Crowdsourcing Tasks. , 2015, , .		12
160	TMC: Exploiting Trajectories for Multicast in Sparse Vehicular Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 262-271.	5.6	30
161	SmartCut: Mitigating 3G Radio Tail Effect on Smartphones. IEEE Transactions on Mobile Computing, 2015, 14, 169-179.	5.8	2
162	A sociality-aware approach to computing backbone in mobile opportunistic networks. Ad Hoc Networks, 2015, 24, 46-56.	5.5	8

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163	Delay-Constrained Data Aggregation in VANETs. IEEE Transactions on Vehicular Technology, 2015, 64, 2097-2107.	6.3	21
164	Sensing processes participation game of smartphones in participatory sensing systems. , 2014, , .		10
165	On efficient replication-based routing in vehicular networks. Journal of High Speed Networks, 2014, 20, 29-40.	0.8	0
166	Diagnosing New York city's noises with ubiquitous data. , 2014, , .		135
167	Profit-Maximizing Stochastic Control for Mobile Crowd Sensing Platforms. , 2014, , .		14
168	A Unified Approach for Fast and Accurate Cardinality Estimation in RFID Systems. , 2014, , .		1
169	Distributed Spectrum Sharing in Cognitive Radio Networks: A Pricing-Based Decomposition Approach. International Journal of Distributed Sensor Networks, 2014, 10, 262137.	2.2	3
170	Harnessing Vehicle-to-Vehicle Communications for 3G Downloads on the Move. International Journal of Distributed Sensor Networks, 2014, 10, 657905.	2.2	2
171	Exploiting Trajectory-Based Coverage for Geocast in Vehicular Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 3177-3189.	5.6	35
172	Distributed compressive data gathering in low duty cycled wireless sensor networks. , 2014, , .		2
173	Load balance vs utility maximization in mobile crowd sensing: A distributed approach. , 2014, , .		5
174	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
175	REIN: A fast event matching approach for content-based publish/subscribe systems. , 2014, , .		31
176	Distributed social welfare maximization in vehicular participatory sensing systems. , 2014, , .		1
177	Towards Truthful Mechanisms for Mobile Crowdsourcing with Dynamic Smartphones. , 2014, , .		20
178	POST: Exploiting dynamic sociality for mobile advertising in vehicular networks. , 2014, , .		31
179	TRAC: Truthful auction for location-aware collaborative sensing in mobile crowdsourcing. , 2014, , .		301
180	Compressive detection and localization of multiple heterogeneous events with sensor networks. , 2014, , .		2

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181	Real-time hand gesture recognition with Kinect for playing racing video games. , 2014, , .		27
182	On deploying relays for connected indoor sensor networks. Journal of Communications and Networks, 2014, 16, 335-343.	2.6	8
183	Geographic routing based on predictive locations in vehicular ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	2.4	17
184	SenSpeed: Sensing driving conditions to estimate vehicle speed in urban environments. , 2014, , .		60
185	Social welfare maximization in participatory smartphone sensing. Computer Networks, 2014, 73, 195-209.	5.1	20
186	Trajectory Improves Data Delivery in Urban Vehicular Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1089-1100.	5.6	58
187	Packet-Level Failure Classification by Characterizing Failure Patterns in Wireless Sensor Networks. , 2014, , .		0
188	Heterogeneous Task Allocation in Participatory Sensing. , 2014, , .		0
189	SEED: solar energy-aware efficient scheduling for data centers. Concurrency Computation Practice and Experience, 2014, 26, 2811-2835.	2.2	3
190	EMP: Exploiting Mobility Patterns for Collaborative Localization in Sparse Mobile Networks. International Journal of Distributed Sensor Networks, 2014, 10, 370364.	2.2	4
191	An evaluation of vehicular networks with real vehicular GPS traces. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	8
192	Exploiting mobility patterns for inter-technology handover in mobile environments. Computer Communications, 2013, 36, 203-210.	5.1	10
193	POVA: Traffic Light Sensing with Probe Vehicles. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1390-1400.	5.6	22
194	On adaptive routing in urban vehicular networks. Wireless Networks, 2013, 19, 1995-2004.	3.0	3
195	ZOOM: Scaling the mobility for fast opportunistic forwarding in vehicular networks. , 2013, , .		71
196	When 3G Meets VANET: 3G-Assisted Data Delivery in VANETs. IEEE Sensors Journal, 2013, 13, 3575-3584.	4.7	43
197	CrowdAtlas. , 2013, , .		52
198	Energy-efficient scheduling on multi-FPGA reconfigurable systems. Microprocessors and Microsystems, 2013, 37, 590-600.	2.8	20

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199	Customer Satisfaction-Aware Scheduling for Utility Maximization on Geo-distributed Cloud Data Centers. , 2013, , .		6
200	Mobility increases the surface coverage of distributed sensor networks. Computer Networks, 2013, 57, 2348-2363.	5.1	21
201	Toward Secure Multikeyword Top-k Retrieval over Encrypted Cloud Data. IEEE Transactions on Dependable and Secure Computing, 2013, 10, 239-250.	5.4	135
202	AFR: Accurate and fast RFID estimation. , 2013, , .		0
203	A Compressive Sensing Approach to Urban Traffic Estimation with Probe Vehicles. IEEE Transactions on Mobile Computing, 2013, 12, 2289-2302.	5.8	156
204	Pervasive Urban Sensing with Large-Scale Mobile Probe Vehicles. International Journal of Distributed Sensor Networks, 2013, 9, 762503.	2.2	10
205	CCR: Capacity-constrained replication for data delivery in vehicular networks. , 2013, , .		15
206	Vision Based Hand Gesture Recognition. , 2013, , .		11
207	Compressive sensing based monitoring with vehicular networks. , 2013, , .		44
208	Augmenting vehicular 3G users through inter-vehicle communications. , 2013, , .		4
209	Community-aware data replication in sparse vehicular networks. , 2013, , .		0
210	Fast Viterbi map matching with tunable weight functions. , 2012, , .		49
211	Statistically Bounding Detection Latency in Low-Duty-Cycled Sensor Networks. International Journal of Distributed Sensor Networks, 2012, 8, 365421.	2.2	1
212	Optimal Adaptive Antijamming in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2012, 8, 485345.	2.2	4
213	On Optimal Antijamming Strategies in Sensor Networks. International Journal of Distributed Sensor Networks, 2012, 8, 793194.	2.2	0
214	On Guaranteed Detectability for Surveillance Sensor Networks. International Journal of Distributed Sensor Networks, 2012, 8, 852027.	2.2	1
215	WiBee: Building WiFi radio map with ZigBee sensor networks. , 2012, , .		8
216	On adaptive routing in urban vehicular networks. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
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