Yanmin Zhu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

224 papers	3,662 citations	31 h-index	52 g-index
269 ext. papers	4,531 ext. citations	3.4 avg, IF	5.91 L-index

#	Paper	IF	Citations
224	Deep Reinforcement Learning based Approach for Online Service Placement and Computation Resource Allocation in Edge Computing. *IEEE Transactions on Mobile Computing*, **2022**, 1-1	4.6	1
223	Exploiting dynamic spatio-temporal graph convolutional neural networks for citywide traffic flows prediction. *Neural Networks*, **2022**, 145, 233-247	9.1	25
222	Online Pricing and Trading of Private Data in Correlated Queries. *IEEE Transactions on Parallel and Distributed Systems*, **2022**, 33, 569-585	3.7	2
221	Optimized Controller Provisioning in Software-Defined LEO Satellite Networks. *IEEE Transactions on Mobile Computing*, **2022**, 1-1	4.6	1
220	Delay-Optimal Cooperation Transmission in Remote Sensing Satellite Networks. *IEEE Transactions on Mobile Computing*, **2022**, 1-1	4.6	
219	Uncovering Value of Correlated Data: Trading Data based on Iterative Combinatorial Auction **2021**,		3
218	Online Computation Offloading and Resource Scheduling in Mobile-Edge Computing. *IEEE Internet of Things Journal*, **2021**, 8, 6649-6664	10.7	13
217	MO-Tree: An Efficient Forwarding Engine for Spatiotemporal-Aware Pub/Sub Systems. *IEEE Transactions on Parallel and Distributed Systems*, **2021**, 32, 855-866	3.7	4
216	Jointly Modeling Heterogeneous Student Behaviors and Interactions among Multiple Prediction Tasks. *ACM Transactions on Knowledge Discovery From Data*, **2021**, 16, 1-24	4	2
215	Data-Driven Digital Advertising with Uncertain Demand Model in Metro Networks. *IEEE Transactions on Big Data*, **2021**, 7, 313-326	3.2	2
214	A Profit-maximizing Mechanism for Query-based Data Trading with Personalized Differential Privacy. *Computer Journal*, **2021**, 64, 264-280	1.3	0
213	. *IEEE Transactions on Mobile Computing*, **2021**, 20, 337-351	4.6	26
212	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	2.5	46
211	A Near-Optimal Approach for Online Task Offloading and Resource Allocation in Edge-Cloud Orchestrated Computing. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	2
210	Detecting Taxi Trajectory Anomaly Based on Spatio-Temporal Relations. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-12	6.1	2
209	Learning from multiple dynamic graphs of student and course interactions for student grade predictions. *Neurocomputing*, **2021**, 431, 23-33	5.4	3
208	Processing-While-Transmitting: Cost-Minimized Transmission in SDN-Based STINs. *IEEE/ACM Transactions on Networking*, **2021**, 1-14	3.8	

207	Enable Traditional Laptops with Virtual Writing Capability Leveraging Acoustic Signals. *Computer Journal*, **2020**,	1.3	1
206	Roda: A Flexible Framework for Real-Time On-demand Data Aggregation. *Lecture Notes in Computer Science*, **2020**, 587-602	0.9	1
205	Towards Correlated Queries on Trading of Private Web Browsing History **2020**,		5
204	GAT: A Unified GPU-Accelerated Framework for Processing Batch Trajectory Queries. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 32, 92-107	4.2	4
203	Leveraging Acoustic Signals for Vehicle Steering Tracking with Smartphones. *IEEE Transactions on Mobile Computing*, **2020**, 19, 865-879	4.6	4
202	Incorporating Interpretability into Latent Factor Models via Fast Influence Analysis **2019**,		4
201	Towards privacy-preserving data trading for web browsing history **2019**,		9
200	ALC^{2} : When Active Learning Meets Compressive Crowdsensing for Urban Air Pollution Monitoring. *IEEE Internet of Things Journal*, **2019**, 6, 9427-9438	10.7	16
199	I3 **2019**, 3, 1-22		4
198	Lip Reading-Based User Authentication Through Acoustic Sensing on Smartphones. *IEEE/ACM Transactions on Networking*, **2019**, 27, 447-460	3.8	31
197	A Frequency-Aware Spatio-Temporal Network for Traffic Flow Prediction. *Lecture Notes in Computer Science*, **2019**, 697-712	0.9	5
196	KeyListener: Inferring Keystrokes on QWERTY Keyboard of Touch Screen through Acoustic Signals **2019**,		11
195	STL: Online Detection of Taxi Trajectory Anomaly Based on Spatial-Temporal Laws. *Lecture Notes in Computer Science*, **2019**, 764-779	0.9	5
194	PhSIH **2019**,		6
193	Fine-Grained Air Quality Inference with Remote Sensing Data and Ubiquitous Urban Data. *ACM Transactions on Knowledge Discovery From Data*, **2019**, 13, 1-27	4	2
192	Multi-Level Attention Networks for Multi-Step Citywide Passenger Demands Prediction. *IEEE Transactions on Knowledge and Data Engineering*, **2019**, 1-1	4.2	3
191	A Multi-task Learning Framework for Automatic Early Detection of Alzheimer's. *Lecture Notes in Computer Science*, **2019**, 240-243	0.9	
190	An Unsupervised Incremental Virtual Learning Method for Financial Fraud Detection **2019**,		2

189	Online cost-rejection rate scheduling for resource requests in hybrid clouds. *Parallel Computing*, **2019**, 81, 85-103	1	4
188	TGBA: A two-phase group buying based auction mechanism for recruiting workers in mobile crowd sensing. *Computer Networks*, **2019**, 149, 56-75	5.4	8
187	A fast and anti-matchability matching algorithm for content-based publish/subscribe systems. *Computer Networks*, **2019**, 149, 213-225	5.4	4
186	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	0.8	2
185	Urban noise mapping with a crowd sensing system. *Wireless Networks*, **2019**, 25, 2351-2364	2.5	9
184	Mitigate the Obstructing Effect of Vehicles on the Propagation of VANETs Safety-Related Information. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 5558-5569	6.8	4
183	A Double Auction Mechanism to Bridge Users Task Requirements and Providers Resources in Two-Sided Cloud Markets. *IEEE Transactions on Parallel and Distributed Systems*, **2018**, 29, 720-733	3.7	34
182	HMFS: A hybrid in-memory file system with version consistency. *Journal of Parallel and Distributed Computing*, **2018**, 117, 18-36	4.4	1
181	Study on the Nb3Sn Rutherford Cable for High-Energy Accelerators. *IEEE Transactions on Applied Superconductivity*, **2018**, 28, 1-4	1.8	1
180	Leveraging Audio Signals for Early Recognition of Inattentive Driving with Smartphones. *IEEE Transactions on Mobile Computing*, **2018**, 17, 1553-1567	4.6	20
179	Leveraging Smartphones for Vehicle Lane-Level Localization on Highways. *IEEE Transactions on Mobile Computing*, **2018**, 17, 1894-1907	4.6	14
178	Predicting Multi-step Citywide Passenger Demands Using Attention-based Neural Networks **2018**,		60
177	Inferring Dockless Shared Bike Distribution in New Cities **2018**,		18
176	Location Privacy-Preserving Method for Auction-Based Incentive Mechanisms in Mobile Crowd Sensing. *Computer Journal*, **2018**, 61, 937-948	1.3	3
175	A truthful incentive mechanism for mobile crowd sensing with location-Sensitive weighted tasks. *Computer Networks*, **2018**, 132, 1-14	5.4	8
174	Distributed Social Welfare Maximization in Urban Vehicular Participatory Sensing Systems. *IEEE Transactions on Mobile Computing*, **2018**, 17, 1314-1325	4.6	14
173	Optimal Distributed Auction for Mobile Crowd Sensing. *Computer Journal*, **2018**, 61, 1443-1459	1.3	1
172	Online Auction for IaaS Clouds: Towards Elastic User Demands and Weighted Heterogeneous VMs. *IEEE Transactions on Parallel and Distributed Systems*, **2018**, 29, 2075-2089	3.7	6

171	SteerTrack: Acoustic-Based Device-Free Steering Tracking Leveraging Smartphones **2018**,		10
170	Where Will Dockless Shared Bikes be Stacked? **2018**,		13
169	Cruising or Waiting: A Shared Recommender System for Taxi Drivers. *Lecture Notes in Computer Science*, **2018**, 418-430	0.9	1
168	DELF: A Dual-Embedding based Deep Latent Factor Model for Recommendation **2018**,		18
167	HMVFS: A Versioning File System on DRAM/NVM Hybrid Memory. *Journal of Parallel and Distributed Computing*, **2018**, 120, 355-368	4.4	30
166	SMOPAT: Mining semantic mobility patterns from trajectories of private vehicles. *Information Sciences*, **2018**, 429, 12-25	7.7	22
165	VPad: Virtual Writing Tablet for Laptops Leveraging Acoustic Signals **2018**,		4
164	Forecasting Wavelet Transformed Time Series with Attentive Neural Networks **2018**,		9
163	**2018**,		37
162	Modeling Conceptual Characteristics of Virtual Machines for CPU Utilization Prediction. *Lecture Notes in Computer Science*, **2018**, 319-333	0.9	2
161	LipPass: Lip Reading-based User Authentication on Smartphones Leveraging Acoustic Signals **2018**,		29
160	A GPU-Accelerated Framework for Processing Trajectory Queries **2018**,		4
159	Truthful incentive mechanisms for mobile crowd sensing with dynamic smartphones. *Computer Networks*, **2018**, 141, 1-16	5.4	12
158	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	
157	ABC: Adaptive Beacon Control for Rear-End Collision Avoidance in VANETs **2018**,		14
156	Crowdsourcing Sensing to Smartphones: A Randomized Auction Approach. *IEEE Transactions on Mobile Computing*, **2017**, 16, 2764-2777	4.6	29
155	A Mixed Transmission Strategy to Achieve Energy Balancing in Wireless Sensor Networks. *IEEE Transactions on Wireless Communications*, **2017**, 16, 2111-2122	9.6	16
154	Improving Throughput and Fairness of Convergecast in Vehicular Networks. *IEEE Transactions on Mobile Computing*, **2017**, 16, 3070-3083	4.6	6

153	Modeling Air Travel Choice Behavior with Mixed Kernel Density Estimations **2017**,		1
152	Cost-efficient VM configuration algorithm in the cloud using mix scaling strategy **2017**,		2
151	Mitigate the obstructing effect of vehicles on the propagation of VANETs safety-related information **2017**,		2
150	Online Pricing for Efficient Renewable Energy Sharing in a Sustainable Microgrid. *Computer Journal*, **2017**,	1.3	2
149	Compressive detection and localization of multiple heterogeneous events in sensor networks. *Ad Hoc Networks*, **2017**, 65, 65-77	4.8	3
148	Fair Energy-Efficient Sensing Task Allocation in Participatory Sensing with Smartphones. *Computer Journal*, **2017**, 60, 850-865	1.3	10
147	SPRCA: Distributed Multisource Information Propagation in Multichannel VANETs. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 11306-11316	6.8	7
146	Quality of Information (QoI)-aware cooperative sensing in vehicular sensor networks **2017**,		3
145	Fine-Grained Abnormal Driving Behaviors Detection and Identification with Smartphones. *IEEE Transactions on Mobile Computing*, **2017**, 16, 2198-2212	4.6	60
144	Pothole in the Dark: Perceiving Pothole Profiles with Participatory Urban Vehicles. *IEEE Transactions on Mobile Computing*, **2017**, 16, 1408-1419	4.6	32
143	Accurate and Low-cost Mobile Indoor Localization with 2-D Magnetic Fingerprints **2017**,		4
142	Online auction for IaaS clouds: Towards elastic user demands and weighted heterogeneous VMs **2017**,		10
141	LibreKV: A Persistent in-Memory Key-Value Store. *IEEE Transactions on Emerging Topics in Computing*, **2017**, 1-1	4.1	4
140	**2017**,		1
139	ER: Early recognition of inattentive driving leveraging audio devices on smartphones **2017**,		15
138	SCMKV: A Lightweight Log-Structured Key-Value Store on SCM. *Lecture Notes in Computer Science*, **2017**, 1-12	0.9	
137	SenSpeed: Sensing Driving Conditions to Estimate Vehicle Speed in Urban Environments. *IEEE Transactions on Mobile Computing*, **2016**, 15, 202-216	4.6	56
136	. *IEEE Transactions on Parallel and Distributed Systems*, **2016**, 27, 1199-1211	3.7	9

135	L3: Sensing driving conditions for vehicle lane-level localization on highways **2016**,		17
134	An Empirical Study on Urban IEEE 802.11p Vehicle-to-Vehicle Communication **2016**,		24
133	Group Buying Based Incentive Mechanism for Mobile Crowd Sensing **2016**,		8
132	A new harmony search based allocation algorithm for location dependent tasks in crowdsensing **2016**,		2
131	A probabilistic approach to statistical QoS provision of event detection in sensor networks. *Wireless Networks*, **2016**, 22, 439-451	2.5	3
130	When data contributors meet multiple crowdsourcers: Bilateral competition in mobile crowdsourcing. *Computer Networks*, **2016**, 95, 1-14	5.4	16
129	. *IEEE Transactions on Parallel and Distributed Systems*, **2016**, 27, 1770-1782	3.7	43
128	Stochastic Optimal Control for Participatory Sensing Systems with Heterogenous Requests. *IEEE Transactions on Computers*, **2016**, 65, 1619-1631	2.5	14
127	When remote sensing data meet ubiquitous urban data: Fine-grained air quality inference **2016**,		5
126	**2016**,		1
125	Incentive Design for Air Pollution Monitoring Based on Compressive Crowdsensing **2016**,		11
124	A distributed algorithm for maximizing utility of data collection in a crowd sensing system. *International Journal of Distributed Sensor Networks*, **2016**, 12, 155014771666808	1.7	1
123	Behavior Dynamics of Multiple Crowdsourcers in Mobile Crowdsourcing Markets. *IEEE Network*, **2016**, 30, 92-96	11.4	4
122	NoiseSense: A Crowd Sensing System for Urban Noise Mapping Service **2016**,		8
121	A Hybrid Approach Based on Collaborative Filtering to Recommending Mobile Apps **2016**,		5
120	A Survey on Trajectory Data Mining: Techniques and Applications. *IEEE Access*, **2016**, 4, 2056-2067	3.5	138
119	An Energy Efficient Algorithm for Virtual Machine Allocation in Cloud Datacenters. *Communications in Computer and Information Science*, **2016**, 61-72	0.3	5
118	Sensing Human-Screen Interaction for Energy-Efficient Frame Rate Adaptation on Smartphones. *IEEE Transactions on Mobile Computing*, **2015**, 14, 1698-1711	4.6	26

117	CDC: Compressive Data Collection for Wireless Sensor Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2015**, 26, 2188-2197	3.7	198
116	Correlating mobility with social encounters: distributed localization in sparse mobile networks. *Wireless Networks*, **2015**, 21, 201-215	2.5	5
115	Mining Large-Scale GPS Streams for Connectivity Refinement of Road Maps. *Computer Journal*, **2015**, 58, 2109-2119	1.3	6
114	A Truthful Online Auction for Tempo-spatial Crowdsourcing Tasks **2015**,		7
113	TMC: Exploiting Trajectories for Multicast in Sparse Vehicular Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2015**, 26, 262-271	3.7	27
112	SmartCut: Mitigating 3G Radio Tail Effect on Smartphones. *IEEE Transactions on Mobile Computing*, **2015**, 14, 169-179	4.6	2
111	A sociality-aware approach to computing backbone in mobile opportunistic networks. *Ad Hoc Networks*, **2015**, 24, 46-56	4.8	6
110	Delay-Constrained Data Aggregation in VANETs. *IEEE Transactions on Vehicular Technology*, **2015**, 64, 2097-2107	6.8	14
109	Utility-maximizing data collection in crowd sensing: An optimal scheduling approach **2015**,		9
108	NoiseCo: Smartphone-based noise collection and correction **2015**,		2
107	Heterogeneous Task Allocation in Participatory Sensing **2015**,		15
106	DEEL: Detecting elevation of urban roads with smartphones on wheels **2015**,		1
105	Customer satisfaction-aware scheduling for utility maximization on geo-distributed data centers. *Concurrency Computation Practice and Experience*, **2015**, 27, 1334-1354	1.4	3
104	H-Tree: An Efficient Index Structurefor Event Matching in Content-BasedPublish/Subscribe Systems. *IEEE Transactions on Parallel and Distributed Systems*, **2015**, 26, 1622-1632	3.7	14
103	Crowdsourcing Sensing Workloads of Heterogeneous Tasks: A Distributed Fairness-Aware Approach **2015**,		6
102	An efficient distributed algorithm for spectrum allocation in multi-hop cognitive radio networks **2015**,		1
101	Crowdsourcing sensing to smartphones: A randomized auction approach **2015**,		3
100	Characterizing sociality for user-friendly steady load balancing in enterprise WLANs. *IEEE Network*, **2015**, 29, 26-32	11.4	

99	Truthful online double auctions for dynamic mobile crowdsourcing **2015**,		48
98	HiHeading: Smartphone-Based Indoor Map Construction System with High Accuracy Heading Inference **2015**,		3
97	D3: Abnormal driving behaviors detection and identification using smartphone sensors **2015**,		31
96	EveryoneCounts: Data-driven digital advertising with uncertain demand model in metro networks **2015**,		2
95	iCal: Intervention-free Calibration for Measuring Noise with Smartphones **2015**,		3
94	SECO: Secure and scalable data collaboration services in cloud computing. *Computers and Security*, **2015**, 50, 91-105	4.9	15
93	Energy-Efficient Identification in Large-Scale RFID Systems with Handheld Reader. *IEEE Transactions on Parallel and Distributed Systems*, **2014**, 25, 1211-1222	3.7	14
92	REIN: A fast event matching approach for content-based publish/subscribe systems **2014**,		17
91	Towards Truthful Mechanisms for Mobile Crowdsourcing with Dynamic Smartphones **2014**,		16
90	**2014**,		27
89	TRAC: Truthful auction for location-aware collaborative sensing in mobile crowdsourcing **2014**,		245
88	Compressive detection and localization of multiple heterogeneous events with sensor networks **2014**,		2
87	Real-time hand gesture recognition with Kinect for playing racing video games **2014**,		20
86	On deploying relays for connected indoor sensor networks. *Journal of Communications and Networks*, **2014**, 16, 335-343	4.1	8
85	Geographic routing based on predictive locations in vehicular ad hoc networks. *Eurasip Journal on Wireless Communications and Networking*, **2014**, 2014,	3.2	12
84	SenSpeed: Sensing driving conditions to estimate vehicle speed in urban environments **2014**,		52
83	Social welfare maximization in participatory smartphone sensing. *Computer Networks*, **2014**, 73, 195-209	5.4	18
82	Trajectory Improves Data Delivery in Urban Vehicular Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2014**, 25, 1089-1100	3.7	47

81	SEED: solar energy-aware efficient scheduling for data centers. *Concurrency Computation Practice and Experience*, **2014**, 26, 2811-2835	1.4	2
80	Sensing processes participation game of smartphones in participatory sensing systems **2014**,		7
79	On efficient replication-based routing in vehicular networks. *Journal of High Speed Networks*, **2014**, 20, 29-40	0.4	
78	Diagnosing New York city's noises with ubiquitous data **2014**,		104
77	Profit-Maximizing Stochastic Control for Mobile Crowd Sensing Platforms **2014**,		12
76	A Unified Approach for Fast and Accurate Cardinality Estimation in RFID Systems **2014**,		1
75	Distributed Spectrum Sharing in Cognitive Radio Networks: A Pricing-Based Decomposition Approach. *International Journal of Distributed Sensor Networks*, **2014**, 10, 262137	1.7	3
74	Harnessing Vehicle-to-Vehicle Communications for 3G Downloads on the Move. *International Journal of Distributed Sensor Networks*, **2014**, 10, 657905	1.7	2
73	Exploiting Trajectory-Based Coverage for Geocast in Vehicular Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2014**, 25, 3177-3189	3.7	30
72	Distributed compressive data gathering in low duty cycled wireless sensor networks **2014**,		2
71	Load balance vs utility maximization in mobile crowd sensing: A distributed approach **2014**,		5
70	EMP: Exploiting Mobility Patterns for Collaborative Localization in Sparse Mobile Networks. *International Journal of Distributed Sensor Networks*, **2014**, 10, 370364	1.7	2
69	Effective Palm Tracking with Integrated Tracker and Offline Detector. *Lecture Notes in Computer Science*, **2014**, 318-327	0.9	1
68	An evaluation of vehicular networks with real vehicular GPS traces. *Eurasip Journal on Wireless Communications and Networking*, **2013**, 2013,	3.2	6
67	Exploiting mobility patterns for inter-technology handover in mobile environments. *Computer Communications*, **2013**, 36, 203-210	5.1	8
66	. *IEEE Transactions on Parallel and Distributed Systems*, **2013**, 24, 1390-1400	3.7	18
65	On adaptive routing in urban vehicular networks. *Wireless Networks*, **2013**, 19, 1995-2004	2.5	1
64	ZOOM: Scaling the mobility for fast opportunistic forwarding in vehicular networks **2013**,		61

63	When 3G Meets VANET: 3G-Assisted Data Delivery in VANETs. *IEEE Sensors Journal*, **2013**, 13, 3575-3584	4	35
62	CrowdAtlas **2013**,		34
61	Energy-efficient scheduling on multi-FPGA reconfigurable systems. *Microprocessors and Microsystems*, **2013**, 37, 590-600	2.4	16
60	Customer Satisfaction-Aware Scheduling for Utility Maximization on Geo-distributed Cloud Data Centers **2013**,		6
59	Mobility increases the surface coverage of distributed sensor networks. *Computer Networks*, **2013**, 57, 2348-2363	5.4	19
58	Toward Secure Multikeyword Top-k Retrieval over Encrypted Cloud Data. *IEEE Transactions on Dependable and Secure Computing*, **2013**, 10, 239-250	3.9	87
57	A Compressive Sensing Approach to Urban Traffic Estimation with Probe Vehicles. *IEEE Transactions on Mobile Computing*, **2013**, 12, 2289-2302	4.6	115
56	Pervasive Urban Sensing with Large-Scale Mobile Probe Vehicles. *International Journal of Distributed Sensor Networks*, **2013**, 9, 762503	1.7	3
55	CCR: Capacity-constrained replication for data delivery in vehicular networks **2013**,		11
54	Vision Based Hand Gesture Recognition **2013**,		3
53	Compressive sensing based monitoring with vehicular networks **2013**,		33
52	Augmenting vehicular 3G users through inter-vehicle communications **2013**,		3
51	On Maximizing Delay-Constrained Coverage of Urban Vehicular Networks. *IEEE Journal on Selected Areas in Communications*, **2012**, 30, 804-817	14.2	25
50	Mining large-scale, sparse GPS traces for map inference **2012**,		76
49	Differentiating Your Friends for Scaling Online Social Networks **2012**,		3
48	On efficient neighbor sensing in vehicular networks. *Computer Communications*, **2012**, 35, 1639-1648	5.1	5
47	Exploiting Network Coding for Data Availability in Vehicular Networks: Issues and Opportunities **2012**,		1
46	Mobile barrier coverage for dynamic objects in wireless sensor networks **2012**,		8

45	Coverage-aware Geocast Routing in Urban Vehicular Networks **2012**,		3
44	Optimal Relay Placement for Indoor Sensor Networks **2012**,		4
43	Optimizing event detection in low duty-cycled sensor networks. *Wireless Networks*, **2012**, 18, 241-255	2.5	11
42	Application of RPC Model in Orthorectification of Spaceborne SAR Imagery. *Photogrammetric Record*, **2012**, 27, 94-110	1.7	10
41	Fast Viterbi map matching with tunable weight functions **2012**,		38
40	Statistically Bounding Detection Latency in Low-Duty-Cycled Sensor Networks. *International Journal of Distributed Sensor Networks*, **2012**, 8, 365421	1.7	1
39	Optimal Adaptive Antijamming in Wireless Sensor Networks. *International Journal of Distributed Sensor Networks*, **2012**, 8, 485345	1.7	2
38	On Optimal Antijamming Strategies in Sensor Networks. *International Journal of Distributed Sensor Networks*, **2012**, 8, 793194	1.7	
37	On Guaranteed Detectability for Surveillance Sensor Networks. *International Journal of Distributed Sensor Networks*, **2012**, 8, 852027	1.7	1
36	WiBee: Building WiFi radio map with ZigBee sensor networks **2012**,		3
35	On adaptive routing in urban vehicular networks **2012**,		4
34	Infrastructure-assisted routing in vehicular networks **2012**,		46
33	Smart recommendation by mining large-scale GPS traces **2012**,		12
32	Optimal anti-jamming strategy in sensor networks **2012**,		5
31	3G-assisted routing in vehicular networks **2012**,		3
30	Correlating mobility with social encounters: Distributed localization in sparse mobile networks **2012**,		6
29	Compressive Sensing Approach to Urban Traffic Sensing **2011**,		75
28	Trajectory improves data delivery in vehicular networks **2011**,		45

27	Optimal Mobility-Aware Handoff in Mobile Environments **2011**,		3
26	Impact of Traffic Influxes: Revealing Exponential Intercontact Time in Urban VANETs. *IEEE Transactions on Parallel and Distributed Systems*, **2011**, 22, 1258-1266	3.7	67
25	A Reliability-Oriented Transmission Service in Wireless Sensor Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2011**, 22, 2100-2107	3.7	49
24	On Optimal Relay Placement for Urban Vehicular Networks **2011**,		3
23	META: A Mobility Model of MEtropolitan TAxis Extracted from GPS Traces **2010**,		17
22	Recognizing Exponential Inter-Contact Time in VANETs **2010**,		152
21	A secure collaboration service for dynamic virtual organizations. *Information Sciences*, **2010**, 180, 3086-3107	4.1	13
20	A lightweight policy system for body sensor networks. *IEEE Transactions on Network and Service Management*, **2009**, 6, 137-148	4.8	26
19	ANTS: Efficient Vehicle Locating Based on Ant Search in ShanghaiGrid. *IEEE Transactions on Vehicular Technology*, **2009**, 58, 4088-4097	6.8	12
18	HERO: Online Real-Time Vehicle Tracking. *IEEE Transactions on Parallel and Distributed Systems*, **2009**, 20, 740-752	3.7	25
17	Practical location-based routing in vehicular ad hoc networks **2009**,		2
16	Semantic Sensor Net: an extensible framework. *International Journal of Ad Hoc and Ubiquitous Computing*, **2009**, 4, 157	0.7	9
15	. *IEEE Transactions on Parallel and Distributed Systems*, **2008**, 19, 903-913	3.7	39
14	Finger: An efficient policy system for body sensor networks **2008**,		3
13	PLANT: A Distributed Architecture for Personalized E-Learning **2008**, 20-30		1
12	A Multi-agents Contractual Approach to Incentive Provision in Non-cooperative Networks. *Lecture Notes in Computer Science*, **2008**, 231-248	0.9	
11	China's national research project on wireless sensor networks. *IEEE Wireless Communications*, **2007**, 14, 78-83	13.4	5
10	S-Club: an overlay-based efficient service discovery mechanism in CROWN Grid. *Knowledge and Information Systems*, **2007**, 12, 55-75	2.4	5

9	ROST: Remote and hot service deployment with trustworthiness in CROWN Grid. *Future Generation Computer Systems*, **2007**, 23, 825-835	7.5	7
8	A Reliability-oriented Transmission Service in Wireless Sensor Networks **2007**,		3
7	On Providing Guaranteed Detectability for Surveillance Applications. *Parallel Processing (ICPP), Proceedings of the International Symposium*, **2007**,		1
6	An Energy-Efficient K-Hop Clustering Framework for Wireless Sensor Networks **2007**, 17-33		12
5	Incentive-based scheduling in Grid computing. *Concurrency Computation Practice and Experience*, **2006**, 18, 1729-1746	1.4	3
4	Stimulus-based adaptive sleeping for wireless sensor networks **2005**,		3
3	Early Experience of Remote and Hot Service Deployment with Trustworthiness in CROWN Grid. *Lecture Notes in Computer Science*, **2005**, 301-312	0.9	4
2	Incentive-Based P2P Scheduling in Grid Computing. *Lecture Notes in Computer Science*, **2004**, 209-216	0.9	3
1	Lap: A latency-aware parallelism framework for content-based publish/subscribe systems. *Concurrency Computation Practice and Experience*,e6640	1.4	1