

# Sajal K Das

## List of Publications by Year in descending order

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635  
papers

18,518  
citations

19657

61  
h-index

24982

109  
g-index

667  
all docs

667  
docs citations

667  
times ranked

13149  
citing authors

#	ARTICLE	IF	CITATIONS
1	CoMCLoud: Virtual Machine Coalition for Multi-Tier Applications Over Multi-Cloud Environments. IEEE Transactions on Cloud Computing, 2023, 11, 956-970.	4.4	11
2	A Security Enforcement Framework for SDN Controller Using Game Theoretic Approach. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 1500-1515.	5.4	7
3	Measurement Errors in Range-Based Localization Algorithms for UAVs: Analysis and Experimentation. IEEE Transactions on Mobile Computing, 2022, 21, 1291-1304.	5.8	11
4	FedVCP: A Federated-Learning-Based Cooperative Positioning Scheme for Social Internet of Vehicles. IEEE Transactions on Computational Social Systems, 2022, 9, 197-206.	4.4	40
5	Speeding up Routing Schedules on Aisle Graphs With Single Access. IEEE Transactions on Robotics, 2022, 38, 433-447.	10.3	4
6	A Parallel Algorithm Template for Updating Single-Source Shortest Paths in Large-Scale Dynamic Networks. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 929-940.	5.6	9
7	An Energy Efficient Smart Metering System Using Edge Computing in LoRa Network. IEEE Transactions on Sustainable Computing, 2022, 7, 786-798.	3.1	16
8	NetChain: A Blockchain-Enabled Privacy-Preserving Multi-Domain Network Slice Orchestration Architecture. IEEE Transactions on Network and Service Management, 2022, 19, 188-202.	4.9	9
9	An Efficient Online Computation Offloading Approach for Large-Scale Mobile Edge Computing via Deep Reinforcement Learning. IEEE Transactions on Services Computing, 2022, 15, 669-683.	4.6	20
10	Transcriptional Regulatory Network Topology with Applications to Bio-inspired Networking: A Survey. ACM Computing Surveys, 2022, 54, 1-36.	23.0	2
11	Minimizing the Deployment Cost of UAVs for Delay-Sensitive Data Collection in IoT Networks. IEEE/ACM Transactions on Networking, 2022, 30, 812-825.	3.8	24
12	Dynamic Path Planning for Unmanned Aerial Vehicles Under Deadline and Sector Capacity Constraints. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 839-851.	4.9	3
13	Greedy Algorithms for Scheduling Package Delivery with Multiple Drones. , 2022, , .		13
14	Guest Editorial: Special Section on Distributed Intelligence Over Internet of Things. IEEE Transactions on Industrial Informatics, 2022, 18, 6233-6235.	11.3	4
15	A Drone-based Application for Scouting Halyomorpha halys Bugs in Orchards with Multifunctional Nets. , 2022, , .		7
16	HVAC Power Conservation through Reverse Auctions and Machine Learning. , 2022, , .		4
17	A fog-assisted system to defend against Sybils in vehicular crowdsourcing. Pervasive and Mobile Computing, 2022, 83, 101612.	3.3	3
18	FadeLoc: Smart Device Localization for Generalized $\{\kappa\}$ Faded IoT Environment. IEEE Transactions on Signal Processing, 2022, 70, 3206-3220.	5.3	7

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19	Anomaly based Incident Detection in Large Scale Smart Transportation Systems. , 2022, , .		3
20	Leveraging Spanning Tree to Detect Colluding Attackers in Federated Learning. , 2022, , .		3
21	Bio-Inspired Design of Biosensor Networks. , 2022, , .		0
22	A Survey on Mobile Charging Techniques in Wireless Rechargeable Sensor Networks. IEEE Communications Surveys and Tutorials, 2022, 24, 1750-1779.	39.4	28
23	Look-Up Table based FHE System for Privacy Preserving Anomaly Detection in Smart Grids. , 2022, , .		2
24	Privacy-Preserving Data Falsification Detection in Smart Grids using Elliptic Curve Cryptography and Homomorphic Encryption. , 2022, , .		1
25	Detection and Forensics against Stealthy Data Falsification in Smart Metering Infrastructure. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 356-371.	5.4	24
26	ESCORT: Fine-Grained Urban Crime Risk Inference Leveraging Heterogeneous Open Data. IEEE Systems Journal, 2021, 15, 4656-4667.	4.6	10
27	Approximation Algorithms for the Generalized Team Orienteering Problem and its Applications. IEEE/ACM Transactions on Networking, 2021, 29, 176-189.	3.8	22
28	Mobile Edge Cooperation Optimization for Wearable Internet of Things: A Network Representation-Based Framework. IEEE Transactions on Industrial Informatics, 2021, 17, 5050-5058.	11.3	43
29	ROAchain: Securing Route Origin Authorization With Blockchain for Inter-Domain Routing. IEEE Transactions on Network and Service Management, 2021, 18, 1690-1705.	4.9	11
30	Maximizing Fairness for Resource Allocation in Heterogeneous 5G Networks. IEEE Transactions on Mobile Computing, 2021, 20, 603-619.	5.8	14
31	DTC: A Dynamic Transaction Chopping Technique for Geo-Replicated Storage Services. IEEE Transactions on Services Computing, 2021, , 1-1.	4.6	0
32	Real-Time Task Scheduling in Fog-Cloud Computing Framework for IoT Applications: A Fuzzy Logic based Approach. , 2021, , .		34
33	AgriSens: IoT-Based Dynamic Irrigation Scheduling System for Water Management of Irrigated Crops. IEEE Internet of Things Journal, 2021, 8, 5023-5030.	8.7	47
34	Data Collection Utility Maximization in Wireless Sensor Networks via Efficient Determination of UAV Hovering Locations. , 2021, , .		9
35	Heuristic Algorithms for Co-scheduling of Edge Analytics and Routes for UAV Fleet Missions. , 2021, , .		20
36	A Diversity Index based Scoring Framework for Identifying Smart Meters Launching Stealthy Data Falsification Attacks. , 2021, , .		3

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37	A comprehensive investigation on range-free localization algorithms with mobile anchors at different altitudes. <i>Pervasive and Mobile Computing</i> , 2021, 73, 101383.	3.3	8
38	Resilience Against Bad Mouthing Attacks in Mobile Crowdsensing Systems via Cyber Deception. , 2021, , .		3
39	MComIoV: Secure and Energy-Efficient Message Communication Protocols for Internet of Vehicles. <i>IEEE/ACM Transactions on Networking</i> , 2021, 29, 1349-1361.	3.8	15
40	Alz-Sense: A Novel Non-invasive Pre-clinical Testing to Differentiate Dementia from MCI. , 2021, , .		1
41	bioMCS 2.0: A distributed, energy-aware fog-based framework for data forwarding in mobile crowdsensing. <i>Pervasive and Mobile Computing</i> , 2021, 73, 101381.	3.3	5
42	Influence Spread Control in Complex Networks via Removal of Feed Forward Loops. , 2021, , .		2
43	Adaptive Mini-Batch Gradient-Ascent-Based Localization for Indoor IoT Networks Under Rayleigh Fading Conditions. <i>IEEE Internet of Things Journal</i> , 2021, 8, 10665-10677.	8.7	14
44	Porting deep neural networks on the edge via dynamic K-means compression: A case study of plant disease detection. <i>Pervasive and Mobile Computing</i> , 2021, 75, 101437.	3.3	9
45	DLsense: Distributed Learning-Based Smart Virtual Sensing for Precision Agriculture. <i>IEEE Sensors Journal</i> , 2021, 21, 17556-17563.	4.7	10
46	Energy-Constrained Delivery of Goods With Drones Under Varying Wind Conditions. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 6048-6060.	8.0	35
47	On the Range Assignment in Wireless Sensor Networks for Minimizing the Coverage-Connectivity Cost. <i>ACM Transactions on Sensor Networks</i> , 2021, 17, 1-48.	3.6	13
48	Stable Matching based Resource Allocation for Service Provider's Revenue Maximization in 5G Networks. <i>IEEE Transactions on Mobile Computing</i> , 2021, , 1-1.	5.8	12
49	Template-Driven Rainbow Coloring of Proper Interval Graphs. <i>Lecture Notes in Computer Science</i> , 2021, , 452-470.	1.3	0
50	A Semi-Supervised Bayesian Anomaly Detection Technique for Diagnosing Faults in Industrial IoT Systems. , 2021, , .		1
51	Modeling Efficient and Effective Communications in VANET through Population Protocols. , 2021, , .		4
52	A Novel Recruitment Policy to Defend against Sybils in Vehicular Crowdsourcing. , 2021, , .		2
53	Efficient Route Selection for Drone-based Delivery Under Time-varying Dynamics. , 2021, , .		12
54	Qn: Quality and Quantity Based Unified Approach for Secure and Trustworthy Mobile Crowdsensing. <i>IEEE Transactions on Mobile Computing</i> , 2020, 19, 200-216.	5.8	32

#	ARTICLE	IF	CITATIONS
55	A Realistic Model for Failure Propagation in Interdependent Cyber-Physical Systems. IEEE Transactions on Network Science and Engineering, 2020, 7, 817-831.	6.4	34
56	Target Detection and Localization Methods Using Compartmental Model for Internet of Things. IEEE Transactions on Mobile Computing, 2020, 19, 2234-2249.	5.8	15
57	Hierarchical syntactic models for human activity recognition through mobility traces. Personal and Ubiquitous Computing, 2020, 24, 451-464.	2.8	7
58	Sensing, Computing, and Communications for Energy Harvesting IoTs: A Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 1222-1250.	39.4	184
59	bioSmartSense+: A bio-inspired probabilistic data collection framework for priority-based event reporting in IoT environments. Pervasive and Mobile Computing, 2020, 67, 101179.	3.3	4
60	A Novel Methodology for designing Policies in Mobile Crowdsensing Systems. Pervasive and Mobile Computing, 2020, 67, 101230.	3.3	6
61	Speeding-up Routing Schedules on Aisle-Graphs. , 2020, , .		3
62	Bandwidth-constrained task throughput maximization in IoT-enabled 5G networks. Pervasive and Mobile Computing, 2020, 69, 101281.	3.3	8
63	Designing efficient communication infrastructure in post-disaster situations with limited availability of network resources. Computer Communications, 2020, 164, 54-68.	5.1	9
64	Approximation Algorithms for the Min-Max Cycle Cover Problem With Neighborhoods. IEEE/ACM Transactions on Networking, 2020, 28, 1845-1858.	3.8	16
65	Motifs enable communication efficiency and fault-tolerance in transcriptional networks. Scientific Reports, 2020, 10, 9628.	3.3	11
66	Approximation Algorithms for the Team Orienteering Problem. , 2020, , .		19
67	An integrated P2P framework for E-learning. Peer-to-Peer Networking and Applications, 2020, 13, 1967-1989.	3.9	6
68	Big Data Energy Management, Analytics and Visualization for Residential Areas. IEEE Access, 2020, 8, 156153-156164.	4.2	12
69	Analysis of Distributed and Autonomous Scheduling Functions for 6TiSCH Networks. IEEE Access, 2020, 8, 158243-158262.	4.2	14
70	Quantitative Analysis of Deep Leaf: a Plant Disease Detector on the Smart Edge. , 2020, , .		14
71	Residual Neural Networks for Heterogeneous Smart Device Localization in IoT Networks. , 2020, , .		7
72	A Novel Data Collection Framework for Telemetry and Anomaly Detection in Industrial IoT Systems. , 2020, , .		10

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73	Energy Efficient Data Forwarding Scheme in Fog-Based Ubiquitous System With Deadline Constraints. IEEE Transactions on Network and Service Management, 2020, 17, 213-226.	4.9	17
74	Atomic Predicates-Based Data Plane Properties Verification in Software Defined Networking Using Spark. IEEE Journal on Selected Areas in Communications, 2020, 38, 1308-1321.	14.0	3
75	A Diverse Band-Aware Dynamic Spectrum Access Network Architecture for Delay-Tolerant Smart City Applications. IEEE Transactions on Network and Service Management, 2020, 17, 1125-1139.	4.9	6
76	A Lightweight Mutual Authentication Protocol for V2V Communication in Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2020, 69, 6709-6717.	6.3	69
77	Distributed on-demand clustering algorithm for lifetime optimization in wireless sensor networks. Journal of Parallel and Distributed Computing, 2020, 141, 129-142.	4.1	36
78	Publish or Drop Traffic Event Alerts? Quality-aware Decision Making in Participatory Sensing-based Vehicular CPS. ACM Transactions on Cyber-Physical Systems, 2020, 4, 1-28.	2.5	9
79	bioMCS. , 2020, , .		9
80	A Smartphone-based Network Architecture for Post-disaster Operations Using WiFi Tethering. ACM Transactions on Internet Technology, 2020, 20, 1-27.	4.4	10
81	An Evaluation of the 6TiSCH Distributed Resource Management Mode. ACM Transactions on Internet of Things, 2020, 1, 1-31.	4.6	14
82	Vehicular Edge Computing Based Driver Recommendation System Using Federated Learning. , 2020, , .		11
83	COIDS. , 2020, , .		13
84	Low-Latency Energy-Efficient Cyber-Physical Disaster System Using Edge Deep Learning. , 2020, , .		7
85	Resolution of Blockchain Conflicts through Heuristics-based Game Theory and Multilayer Network Modeling. , 2020, , .		1
86	OBQR. , 2020, , .		4
87	Towards Privacy-preserving Anomaly-based Attack Detection against Data Falsification in Smart Grid. , 2020, , .		8
88	Improving Network Formation in 6TiSCH Networks. IEEE Transactions on Mobile Computing, 2019, 18, 98-110.	5.8	51
89	<i>IncentMe</i>: Effective Mechanism Design to Stimulate Crowdsensing Participants with Uncertain Mobility. IEEE Transactions on Mobile Computing, 2019, 18, 1571-1584.	5.8	43
90	HuMAn: Complex Activity Recognition with Multi-Modal Multi-Positional Body Sensing. IEEE Transactions on Mobile Computing, 2019, 18, 857-870.	5.8	71

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91	A Bio-Inspired Approach to Design Robust and Energy-Efficient Communication Network Topologies. , 2019, , .		2
92	On Maximizing Task Throughput in IoT-Enabled 5G Networks Under Latency and Bandwidth Constraints. , 2019, , .		14
93	Mitigating Interference via Power Control for Two-Tier Femtocell Networks: A Hierarchical Game Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 7194-7198.	6.3	16
94	bioSmartSense: A Bio-inspired Data Collection Framework for Energy-efficient, QoI-aware Smart City Applications. , 2019, , .		7
95	Improving QoE in Multi-layer Social Sensing. , 2019, , .		2
96	An Approach to Pre-Schedule Traffic in Time-Dependent Pricing Systems. IEEE Transactions on Network and Service Management, 2019, 16, 334-347.	4.9	3
97	PS-Sim: A framework for scalable data simulation and incentivization in participatory sensing-based smart city applications. Pervasive and Mobile Computing, 2019, 57, 64-77.	3.3	9
98	FIRST. ACM Transactions on Sensor Networks, 2019, 15, 1-35.	3.6	14
99	Towards energy-efficient and robust disaster response networks. , 2019, , .		4
100	Improving IoT Data Quality in Mobile Crowd Sensing: A Cross Validation Approach. IEEE Internet of Things Journal, 2019, 6, 5651-5664.	8.7	63
101	Maximizing Joint Data Rate and Resource Efficiency in D2D-IoT Enabled Multi-Tier Networks. , 2019, , .		1
102	Bio-DRN: Robust and Energy-Efficient Bio-Inspired Disaster Response Networks. , 2019, , .		7
103	Three-Dimensional Matching based Resource Provisioning for the Design of Low-Latency Heterogeneous IoT Networks. , 2019, , .		4
104	Local View Based Connectivity Search in Online Social Networks. , 2019, , .		0
105	A Shared-Memory Algorithm for Updating Tree-Based Properties of Large Dynamic Networks. IEEE Transactions on Big Data, 2019, , 1-1.	6.1	5
106	A survey on fog computing for the Internet of Things. Pervasive and Mobile Computing, 2019, 52, 71-99.	3.3	189
107	DISH. ACM Transactions on Sensor Networks, 2019, 15, 1-28.	3.6	16
108	A hybrid classifier approach to multivariate sensor data for climate smart agriculture cyber-physical systems. , 2019, , .		6

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109	A social-based watchdog system to detect selfish nodes in opportunistic mobile networks. Future Generation Computer Systems, 2019, 92, 777-788.	7.5	43
110	On the Structural Perspective of Computational Effectiveness for Quantized Consensus in Layered UAV Networks. IEEE Transactions on Control of Network Systems, 2019, 6, 276-288.	3.7	20
111	A Scalable Parallel Framework for Multicellular Communication in Bacterial Quorum Sensing. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 181-194.	0.3	0
112	Distributed Randomized -Clustering Based PCID Assignment for Ultra-Dense Femtocellular Networks. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 1247-1260.	5.6	15
113	A comprehensive survey of Network Function Virtualization. Computer Networks, 2018, 133, 212-262.	5.1	361
114	Precise Localization in Sparse Sensor Networks using a Drone with Directional Antennas. , 2018, , .		5
115	A Modeling Framework for Assessing Cyber Disruptions and Attacks to the National Airspace System. , 2018, , .		5
116	Vehicular Social Networks: A survey. Pervasive and Mobile Computing, 2018, 43, 96-113.	3.3	106
117	Service Provisioning in Mobile Environments through Opportunistic Computing. IEEE Transactions on Mobile Computing, 2018, 17, 2898-2911.	5.8	12
118	DNA-GA: A Tractable Approach for Performance Analysis of Uplink Cellular Networks. IEEE Transactions on Communications, 2018, 66, 355-369.	7.8	7
119	Design of efficient lightweight strategies to combat DoS attack in delay tolerant network routing. Wireless Networks, 2018, 24, 173-194.	3.0	17
120	RunnerPal: A Runner Monitoring and Advisory System Based on Smart Devices. IEEE Transactions on Services Computing, 2018, 11, 262-276.	4.6	12
121	HARKE: Human Activity Recognition from Kinetic Energy Harvesting Data in Wearable Devices. IEEE Transactions on Mobile Computing, 2018, 17, 1353-1368.	5.8	111
122	Content Placement for Video-on-Demand Services Over Cellular Networks. Wireless Personal Communications, 2018, 98, 467-486.	2.7	0
123	A Shared-Memory Parallel Algorithm for Updating Single-Source Shortest Paths in Large Dynamic Networks. , 2018, , .		9
124	An Effective Dynamic Spectrum Access based Network Architecture for Smart Cities. , 2018, , .		2
125	Multicellular Models Bridging Intracellular Signaling and Gene Transcription to Population Dynamics. Processes, 2018, 6, 217.	2.8	1
126	Design of Robust and Efficient Topology Using Enhanced Gene Regulatory Networks. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2018, 4, 73-87.	2.1	10



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127	On the Accuracy of Localizing Terrestrial Objects Using Drones. , 2018, , .		14
128	Single-Source Shortest Path Tree for Big Dynamic Graphs. , 2018, , .		3
129	Uniprocessor Mixed-Criticality Scheduling with Graceful Degradation by Completion Rate. , 2018, , .		27
130	Designing Green Communication Systems for Smart and Connected Communities via Dynamic Spectrum Access. ACM Transactions on Sensor Networks, 2018, 14, 1-32.	3.6	4
131	Kinetic-Powered Health Wearables: Challenges and Opportunities. Computer, 2018, 51, 64-74.	1.1	19
132	Mobility managementâ€™A personal perspective. Computer Communications, 2018, 131, 26-31.	5.1	8
133	Resource Allocation to Maximize Fairness and Minimize Interference for Maximum Spectrum Reuse in 5G Cellular Networks. , 2018, , .		5
134	ZU-mean. , 2018, , .		7
135	Range based algorithms for precise localization of terrestrial objects using a drone. Pervasive and Mobile Computing, 2018, 48, 20-42.	3.3	29
136	A cache-aware social-based QoS routing scheme in Information Centric Networks. Journal of Network and Computer Applications, 2018, 121, 20-32.	9.1	13
137	Towards Fast and Semi-supervised Identification of Smart Meters Launching Data Falsification Attacks. , 2018, , .		14
138	Software Defined Networking Meets Information Centric Networking: A Survey. IEEE Access, 2018, 6, 39547-39563.	4.2	61
139	PS-Sim: A Framework for Scalable Simulation of Participatory Sensing Data. , 2018, , .		3
140	A Novel User Revocation Scheme for Key Policy Attribute Based Encryption in Cloud Environments. , 2018, , .		0
141	A Novel Distributed Denial-of-Service Attack Detection Scheme for Software Defined Networking Environments. , 2018, , .		17
142	Popularity-based caching for IPTV services over P2P networks. Peer-to-Peer Networking and Applications, 2017, 10, 156-169.	3.9	11
143	JAMMY: A Distributed and Dynamic Solution to Selective Jamming Attack in TDMA WSNs. IEEE Transactions on Dependable and Secure Computing, 2017, 14, 392-405.	5.4	27
144	A Novel Approach for Efficient Usage of Intrusion Detection System in Mobile Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 1684-1695.	6.3	50

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145	Social-based routing scheme for fixed-line VANET. Computer Networks, 2017, 113, 230-243.	5.1	25
146	A flexible and generalized framework for access network selection in heterogeneous wireless networks. Pervasive and Mobile Computing, 2017, 40, 556-576.	3.3	13
147	Energy Harvesting in Electromagnetic Nanonetworks. Computer, 2017, 50, 59-67.	1.1	11
148	Statistical Security Incident Forensics against Data Falsification in Smart Grid Advanced Metering Infrastructure. , 2017, , .		21
149	Performance Evaluation the 6top Protocol and Analysis of its Interplay with Routing. , 2017, , .		10
150	Sustainable Incentives for Mobile Crowdsensing: Auctions, Lotteries, and Trust and Reputation Systems. , 2017, 55, 68-74.		94
151	Time-Location-Relationship Combined Service Recommendation Based on Taxi Trajectory Data. IEEE Transactions on Industrial Informatics, 2017, 13, 1202-1212.	11.3	113
152	Energy Harvesting in Nanonetworks. Modeling and Optimization in Science and Technologies, 2017, , 319-347.	0.7	2
153	The Internet of People (IoP): A new wave in pervasive mobile computing. Pervasive and Mobile Computing, 2017, 41, 1-27.	3.3	115
154	Detecting breathing frequency and maintaining a proper running rhythm. Pervasive and Mobile Computing, 2017, 42, 498-512.	3.3	11
155	Approximation Algorithms for Charging Reward Maximization in Rechargeable Sensor Networks via a Mobile Charger. IEEE/ACM Transactions on Networking, 2017, 25, 3161-3174.	3.8	100
156	CTR: Cluster based topological routing for disaster response networks. , 2017, , .		9
157	A probabilistic link prediction model in time-varying social networks. , 2017, , .		17
158	Role of motifs in topological robustness of gene regulatory networks. , 2017, , .		12
159	Generating Crisis Maps for Large-scale Disasters: Issues and Challenges * *This Publication is an outcome of the R&D work undertaken in the ITRA project of Media Lab Asia entitled. "Post-Disaster Situation Analysis and Resource Management Using Delay-Tolerant Peer-to-Peer Wireless Networks (DISARM)" , 2017, , 67-98.		2
160	Securing big data and IoT networks in smart cyber-physical environments. , 2017, , .		18
161	W2Q: A dual weighted QoI scoring mechanism in social sensing using community confidence. , 2017, , .		2
162	Compressive sensing based data quality improvement for crowd-sensing applications. Journal of Network and Computer Applications, 2017, 77, 123-134.	9.1	35

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163	Survey of Security Advances in Smart Grid: A Data Driven Approach. IEEE Communications Surveys and Tutorials, 2017, 19, 397-422.	39.4	191
164	An Adaptive Bayesian System for Context-Aware Data Fusion in Smart Environments. IEEE Transactions on Mobile Computing, 2017, 16, 1502-1515.	5.8	52
165	Quality of Information in Mobile Crowdsensing. ACM Transactions on Sensor Networks, 2017, 13, 1-43.	3.6	129
166	Multi-periodic contact patterns in predicting future contacts over mobile networks. , 2017, , .		2
167	QnQ: A reputation model to secure mobile crowdsourcing applications from incentive losses. , 2017, , .		9
168	Response time in mixed-critical pervasive systems. , 2017, , .		1
169	Graph compaction in analyzing large scale online social networks. , 2017, , .		1
170	Designing sustainable smart connected communities using dynamic spectrum access via band selection. , 2017, , .		14
171	Enabling Adaptive Routing Service Customization via the integration of SDN and NFV. Journal of Network and Computer Applications, 2017, 93, 123-136.	9.1	21
172	Quantifying Robustness in Biological Networks Using NS-2. Modeling and Optimization in Science and Technologies, 2017, , 273-290.	0.7	2
173	An Efficient Method of Detecting Breathing Frequency While Running. , 2016, , .		1
174	Inferring Future Links in Large Scale Networks. , 2016, , .		0
175	Leveraging contact pattern to predict future contact pattern in mobile networks. , 2016, , .		0
176	Cyber-physical-social convergence in smart living: Challenges and opportunities. , 2016, , .		0
177	Graph Partitioning in Parallelization of Large Scale Networks. , 2016, , .		0
178	A probabilistic approach for filtering out spam reports in a vehicular participatory sensing system. , 2016, , .		1
179	Incentive Mechanisms for Participatory Sensing. ACM Transactions on Sensor Networks, 2016, 12, 1-40.	3.6	122
180	Cyber-physical-social convergence in smart living: Challenges and opportunities. , 2016, , .		3

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181	RescuePal: A smartphone-based system to discover people in emergency scenarios. , 2016, , .		5
182	Care-Chair: Sedentary Activities and Behavior Assessment with Smart Sensing on Chair Backrest. , 2016, , .		18
183	Efficient Communications in Wireless Sensor Networks Based on Biological Robustness. , 2016, , .		15
184	Enhancing Reliability of Vehicular Participatory Sensing Network: A Bayesian Approach. , 2016, , .		9
185	LVS: A WiFi-based system to tackle Location Spoofing in location-based services. , 2016, , .		3
186	Application of Graph Sparsification in Developing Parallel Algorithms for Updating Connected Components. , 2016, , .		7
187	How to High-Efficiently Acquire Activity Pattern in Smart Environment. , 2016, , .		0
188	Towards a realistic model for failure propagation in interdependent networks. , 2016, , .		13
189	Securing Loosely-Coupled Collaboration in Cloud Environment through Dynamic Detection and Removal of Access Conflicts. IEEE Transactions on Cloud Computing, 2016, 4, 349-362.	4.4	8
190	PIS: A Multi-Dimensional Routing Protocol for Socially-Aware Networking. IEEE Transactions on Mobile Computing, 2016, 15, 2825-2836.	5.8	48
191	Optimizing the Lifetime of Sensor Networks with Uncontrollable Mobile Sinks and QoS Constraints. ACM Transactions on Sensor Networks, 2016, 12, 1-31.	3.6	15
192	Seamless Streaming Data Delivery in Cluster-Based Wireless Sensor Networks With Mobile Elements. IEEE Systems Journal, 2016, 10, 805-816.	4.6	20
193	Accurate and Efficient Modeling of 802.15.4 Unslotted CSMA/CA through Event Chains Computation. IEEE Transactions on Mobile Computing, 2016, 15, 2954-2968.	5.8	21
194	Incentive Mechanism Design for Crowdsourcing. ACM Transactions on Intelligent Systems and Technology, 2016, 7, 1-26.	4.5	56
195	Determining Quality- and Energy-Aware Multiple Contexts in Pervasive Computing Environments. IEEE/ACM Transactions on Networking, 2016, 24, 3026-3042.	3.8	5
196	Overhead Control With Reliable Transmission of Popular Packets in Ad-Hoc Social Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 7647-7661.	6.3	8
197	Incentive Mechanism Design for Heterogeneous Crowdsourcing Using All-Pay Contests. IEEE Transactions on Mobile Computing, 2016, 15, 2234-2246.	5.8	56
198	A 2-D random walk mobility model for WiMAX location update. Computer Communications, 2016, 78, 86-96.	5.1	8

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199	A general model for MAC protocol selection in wireless sensor networks. Ad Hoc Networks, 2016, 36, 189-202.	5.5	14
200	Characterization of E. coli Gene Regulatory Network and its Topological Enhancement by Edge Rewiring. , 2016, , .		13
201	HiPCV: History based learning model for predicting contact volume in Opportunistic Networks. , 2015, , .		3
202	NetSecuritas. , 2015, , .		17
203	Efficient Aerial Data Collection with UAV in Large-Scale Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 286080.	2.2	65
204	Entropy-Based Privacy against Profiling of User Mobility. Entropy, 2015, 17, 3913-3946.	2.2	13
205	Deco: False data detection and correction framework for participatory sensing. , 2015, , .		11
206	A-Wristocracy: Deep learning on wrist-worn sensing for recognition of user complex activities. , 2015, , .		76
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