Sajal K Das

List of Publications by Year in Descending Order

589 papers	12,675 citations	54 h-index	95 g-index
667 ext. papers	15,380 ext. citations	3.9 avg, IF	7 L-index

#	Paper	IF	Citations
589	Transcriptional Regulatory Network Topology with Applications to Bio-inspired Networking: A Survey. *ACM Computing Surveys*, **2022**, 54, 1-36	13.4	1
588	A Security Enforcement Framework for SDN Controller using Game Theoretic Approach. *IEEE Transactions on Dependable and Secure Computing*, **2022**, 1-1	3.9	0
587	Distributed Intelligence Over Internet of Things. *IEEE Transactions on Industrial Informatics*, **2022**, 1-1	11.9	0
586	A fog-assisted system to defend against Sybils in vehicular crowdsourcing. *Pervasive and Mobile Computing*, **2022**, 101612	3.5	1
585	Bio-Inspired Design of Biosensor Networks **2022**,		
584	Efficient Route Selection for Drone-based Delivery Under Time-varying Dynamics **2021**,		3
583	. *IEEE/ACM Transactions on Networking*, **2021**, 1-14	3.8	2
582	CoMCLOUD: Virtual Machine Coalition for Multi-Tier Applications over Multi-Cloud Environments. *IEEE Transactions on Cloud Computing*, **2021**, 1-1	3.3	0
581	Dynamic Path Planning for Unmanned Aerial Vehicles Under Deadline and Sector Capacity Constraints. *IEEE Transactions on Emerging Topics in Computational Intelligence*, **2021**, 1-13	4.1	
580	Modeling Efficient and Effective Communications in VANET through Population Protocols **2021**,		1
579	A Novel Recruitment Policy to Defend against Sybils in Vehicular Crowdsourcing **2021**,		1
578	AgriSens: IoT-Based Dynamic Irrigation Scheduling System for Water Management of Irrigated Crops. *IEEE Internet of Things Journal*, **2021**, 8, 5023-5030	10.7	19
577	Data Collection Utility Maximization in Wireless Sensor Networks via Efficient Determination of UAV Hovering Locations **2021**,		3
576	Heuristic Algorithms for Co-scheduling of Edge Analytics and Routes for UAV Fleet Missions **2021**,		5
575	A comprehensive investigation on range-free localization algorithms with mobile anchors at different altitudes. *Pervasive and Mobile Computing*, **2021**, 73, 101383	3.5	4
574	MComIoV: Secure and Energy-Efficient Message Communication Protocols for Internet of Vehicles. *IEEE/ACM Transactions on Networking*, **2021**, 29, 1349-1361	3.8	1
573	bioMCS 2.0: A distributed, energy-aware fog-based framework for data forwarding in mobile crowdsensing. *Pervasive and Mobile Computing*, **2021**, 73, 101381	3.5	3

572	Adaptive Mini-Batch Gradient-Ascent-Based Localization for Indoor IoT Networks Under Rayleigh Fading Conditions. *IEEE Internet of Things Journal*, **2021**, 8, 10665-10677	10.7	2
571	Detection and Forensics against Stealthy Data Falsification in Smart Metering Infrastructure. *IEEE Transactions on Dependable and Secure Computing*, **2021**, 18, 356-371	3.9	7
570	ESCORT: Fine-Grained Urban Crime Risk Inference Leveraging Heterogeneous Open Data. *IEEE Systems Journal*, **2021**, 15, 4656-4667	4.3	4
569	. *IEEE/ACM Transactions on Networking*, **2021**, 29, 176-189	3.8	8
568	Mobile Edge Cooperation Optimization for Wearable Internet of Things: A Network Representation-Based Framework. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 5050-5058	11.9	29
567	ROAchain: Securing Route Origin Authorization With Blockchain for Inter-Domain Routing. *IEEE Transactions on Network and Service Management*, **2021**, 18, 1690-1705	4.8	6
566	Maximizing Fairness for Resource Allocation in Heterogeneous 5G Networks. *IEEE Transactions on Mobile Computing*, **2021**, 20, 603-619	4.6	5
565	FedVCP: A Federated-Learning-Based Cooperative Positioning Scheme for Social Internet of Vehicles. *IEEE Transactions on Computational Social Systems*, **2021**, 1-10	4.5	9
564	Speeding up Routing Schedules on Aisle Graphs With Single Access. *IEEE Transactions on Robotics*, **2021**, 1-15	6.5	0
563	DTC: A Dynamic Transaction Chopping Technique for Geo-Replicated Storage Services. *IEEE Transactions on Services Computing*, **2021**, 1-1	4.8	
562	Real-Time Task Scheduling in Fog-Cloud Computing Framework for IoT Applications: A Fuzzy Logic based Approach **2021**,		7
561	. *IEEE Transactions on Parallel and Distributed Systems*, **2021**, 1-1	3.7	0
560	Porting deep neural networks on the edge via dynamic K-means compression: A case study of plant disease detection. *Pervasive and Mobile Computing*, **2021**, 75, 101437	3.5	3
559	DLSense: Distributed Learning-Based Smart Virtual Sensing for Precision Agriculture. *IEEE Sensors Journal*, **2021**, 21, 17556-17563	4	3
558	Energy-Constrained Delivery of Goods With Drones Under Varying Wind Conditions. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 6048-6060	6.1	13
557	On the Range Assignment in Wireless Sensor Networks for Minimizing the Coverage-Connectivity Cost. *ACM Transactions on Sensor Networks*, **2021**, 17, 1-48	2.9	4
556	An Energy Efficient Smart Metering System using Edge Computing in LoRa Network. *IEEE Transactions on Sustainable Computing*, **2021**, 1-1	3.5	4
555	Stable Matching based Resource Allocation for Service Provider's Revenue Maximization in 5G Networks. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	2

554	Template-Driven Rainbow Coloring of Proper Interval Graphs. *Lecture Notes in Computer Science*, **2021**, 452-470	0.9	
553	NetChain: A Blockchain-enabled Privacy-Preserving Multi-Domain Network Slice Orchestration Architecture. *IEEE Transactions on Network and Service Management*, **2021**, 1-1	4.8	1
552	An Efficient Online Computation Offloading Approach for Large-scale Mobile Edge Computing via Deep Reinforcement Learning. *IEEE Transactions on Services Computing*, **2021**, 1-1	4.8	2
551	Residual Neural Networks for Heterogeneous Smart Device Localization in IoT Networks **2020**,		5
550	A Novel Data Collection Framework for Telemetry and Anomaly Detection in Industrial IoT Systems **2020**,		4
549	Energy Efficient Data Forwarding Scheme in Fog-Based Ubiquitous System With Deadline Constraints. *IEEE Transactions on Network and Service Management*, **2020**, 17, 213-226	4.8	10
548	How Fog Computing Can Support Latency/Reliability-sensitive IoT Applications: An Overview and a Taxonomy of State-of-the-art Solutions **2020**, 139-213		2
547	Atomic Predicates-Based Data Plane Properties Verification in Software Defined Networking Using Spark. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 1308-1321	14.2	1
546	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	4.8	1
545	A Lightweight Mutual Authentication Protocol for V2V Communication in Internet of Vehicles. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 6709-6717	6.8	28
544	Distributed on-demand clustering algorithm for lifetime optimization in wireless sensor networks. *Journal of Parallel and Distributed Computing*, **2020**, 141, 129-142	4.4	17
543	Towards Privacy-preserving Anomaly-based Attack Detection against Data Falsification in Smart Grid **2020**,		1
542	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	2.3	6
541	bioMCS **2020**,		8
540	A Smartphone-based Network Architecture for Post-disaster Operations Using WiFi Tethering. *ACM Transactions on Internet Technology*, **2020**, 20, 1-27	3.8	6
539	An Evaluation of the 6TiSCH Distributed Resource Management Mode. *ACM Transactions on Internet of Things*, **2020**, 1, 1-31	2.2	6
538	OBQR **2020**,		2
537	Vehicular Edge Computing Based Driver Recommendation System Using Federated Learning **2020**,		4

536	COIDS **2020**,		4
535	Low-Latency Energy-Efficient Cyber-Physical Disaster System Using Edge Deep Learning **2020**,		2
534	Hierarchical syntactic models for human activity recognition through mobility traces. *Personal and Ubiquitous Computing*, **2020**, 24, 451-464	2.1	5
533	Sensing, Computing, and Communications for Energy Harvesting IoTs: A Survey. *IEEE Communications Surveys and Tutorials*, **2020**, 22, 1222-1250	37.1	68
532	bioSmartSense+: A bio-inspired probabilistic data collection framework for priority-based event reporting in IoT environments. *Pervasive and Mobile Computing*, **2020**, 67, 101179	3.5	4
531	A Novel Methodology for designing Policies in Mobile Crowdsensing Systems. *Pervasive and Mobile Computing*, **2020**, 67, 101230	3.5	2
530	Speeding-up Routing Schedules on Aisle-Graphs **2020**,		1
529	Bandwidth-constrained task throughput maximization in IoT-enabled 5G networks. *Pervasive and Mobile Computing*, **2020**, 69, 101281	3.5	4
528	Designing efficient communication infrastructure in post-disaster situations with limited availability of network resources. *Computer Communications*, **2020**, 164, 54-68	5.1	4
527	Approximation Algorithms for the Min-Max Cycle Cover Problem With Neighborhoods. *IEEE/ACM Transactions on Networking*, **2020**, 28, 1845-1858	3.8	8
526	Motifs enable communication efficiency and fault-tolerance in transcriptional networks. *Scientific Reports*, **2020**, 10, 9628	4.9	6
525	Approximation Algorithms for the Team Orienteering Problem **2020**,		8
524	An integrated P2P framework for E-learning. *Peer-to-Peer Networking and Applications*, **2020**, 13, 1-23	3.1	2
523	Big Data Energy Management, Analytics and Visualization for Residential Areas. *IEEE Access*, **2020**, 1-1	3.5	1
522	Measurement Errors in Range-based Localization Algorithms for UAVs: Analysis and Experimentation. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	5
521	. *IEEE Access*, **2020**, 8, 158243-158262	3.5	4
520	Quantitative Analysis of Deep Leaf: a Plant Disease Detector on the Smart Edge **2020**,		6
519	QnQQnQ: Quality and Quantity Based Unified Approach for Secure and Trustworthy Mobile Crowdsensing. *IEEE Transactions on Mobile Computing*, **2020**, 19, 200-216	4.6	17

518	A Realistic Model for Failure Propagation in Interdependent Cyber-Physical Systems. *IEEE Transactions on Network Science and Engineering*, **2020**, 7, 817-831	4.9	17
517	Target Detection and Localization Methods Using Compartmental Model for Internet of Things. *IEEE Transactions on Mobile Computing*, **2020**, 19, 2234-2249	4.6	7
516	Improving QoE in Multi-layer Social Sensing **2019**,		1
515	An Approach to Pre-Schedule Traffic in Time-Dependent Pricing Systems. *IEEE Transactions on Network and Service Management*, **2019**, 16, 334-347	4.8	3
514	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	3.5	6
513	FIRST. *ACM Transactions on Sensor Networks*, **2019**, 15, 1-35	2.9	8
512	Towards energy-efficient and robust disaster response networks **2019**,		3
511	Improving IoT Data Quality in Mobile Crowd Sensing: A Cross Validation Approach. *IEEE Internet of Things Journal*, **2019**, 6, 5651-5664	10.7	32
510	Improving Network Formation in 6TiSCH Networks. *IEEE Transactions on Mobile Computing*, **2019**, 18, 98-110	4.6	33
509	IncentMe: Effective Mechanism Design to Stimulate Crowdsensing Participants with Uncertain Mobility. *IEEE Transactions on Mobile Computing*, **2019**, 18, 1571-1584	4.6	21
508	. *IEEE Transactions on Mobile Computing*, **2019**, 18, 857-870	4.6	44
507	A Bio-Inspired Approach to Design Robust and Energy-Efficient Communication Network Topologies **2019**,		2
506	On Maximizing Task Throughput in IoT-Enabled 5G Networks Under Latency and Bandwidth Constraints **2019**,		5
505	Mitigating Interference via Power Control for Two-Tier Femtocell Networks: A Hierarchical Game Approach. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 7194-7198	6.8	13
504	bioSmartSense: A Bio-inspired Data Collection Framework for Energy-efficient, QoI-aware Smart City Applications **2019**,		6
503	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	0.2	
502	Bio-DRN: Robust and Energy-Efficient Bio-Inspired Disaster Response Networks **2019**,		6
501	Three-Dimensional Matching based Resource Provisioning for the Design of Low-Latency Heterogeneous IoT Networks **2019**,		1

500	A Shared-Memory Algorithm for Updating Tree-Based Properties of Large Dynamic Networks. *IEEE Transactions on Big Data*, **2019**, 1-1	3.2	3
499	A survey on fog computing for the Internet of Things. *Pervasive and Mobile Computing*, **2019**, 52, 71-99	3.5	105
498	DISH. *ACM Transactions on Sensor Networks*, **2019**, 15, 1-28	2.9	7
497	A hybrid classifier approach to multivariate sensor data for climate smart agriculture cyber-physical systems **2019**,		4
496	A social-based watchdog system to detect selfish nodes in opportunistic mobile networks. *Future Generation Computer Systems*, **2019**, 92, 777-788	7.5	30
495	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	4	13
494	Distributed Randomized k -Clustering Based PCID Assignment for Ultra-Dense Femtocellular Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2018**, 29, 1247-1260	3.7	13
493	A comprehensive survey of Network Function Virtualization. *Computer Networks*, **2018**, 133, 212-262	5.4	210
492	Precise Localization in Sparse Sensor Networks using a Drone with Directional Antennas **2018**,		4
491	A Modeling Framework for Assessing Cyber Disruptions and Attacks to the National Airspace System **2018**,		1
490	Vehicular Social Networks: A survey. *Pervasive and Mobile Computing*, **2018**, 43, 96-113	3.5	85
489	Service Provisioning in Mobile Environments through Opportunistic Computing. *IEEE Transactions on Mobile Computing*, **2018**, 17, 2898-2911	4.6	8
488	DNA-GA: A Tractable Approach for Performance Analysis of Uplink Cellular Networks. *IEEE Transactions on Communications*, **2018**, 66, 355-369	6.9	3
487	Design of efficient lightweight strategies to combat DoS attack in delay tolerant network routing. *Wireless Networks*, **2018**, 24, 173-194	2.5	11
486	RunnerPal: A Runner Monitoring and Advisory System Based on Smart Devices. *IEEE Transactions on Services Computing*, **2018**, 11, 262-276	4.8	8
485	. *IEEE Transactions on Mobile Computing*, **2018**, 17, 1353-1368	4.6	62
484	Content Placement for Video-on-Demand Services Over Cellular Networks. *Wireless Personal Communications*, **2018**, 98, 467-486	1.9	
483	A cache-aware social-based QoS routing scheme in Information Centric Networks. *Journal of Network and Computer Applications*, **2018**, 121, 20-32	7.9	6

482	Towards Fast and Semi-supervised Identification of Smart Meters Launching Data Falsification Attacks **2018**,		6
481	Software Defined Networking Meets Information Centric Networking: A Survey. *IEEE Access*, **2018**, 6, 39547-39563	3.5	42
480	PS-Sim: A Framework for Scalable Simulation of Participatory Sensing Data **2018**,		1
479	A Novel Distributed Denial-of-Service Attack Detection Scheme for Software Defined Networking Environments **2018**,		12
478	A Shared-Memory Parallel Algorithm for Updating Single-Source Shortest Paths in Large Dynamic Networks **2018**,		5
477	An Effective Dynamic Spectrum Access based Network Architecture for Smart Cities **2018**,		1
476	Multicellular Models Bridging Intracellular Signaling and Gene Transcription to Population Dynamics. *Processes*, **2018**, 6, 217	2.9	1
475	Design of Robust and Efficient Topology Using Enhanced Gene Regulatory Networks. *IEEE Transactions on Molecular, Biological, and Multi-Scale Communications*, **2018**, 4, 73-87	2.3	9
474	On the Accuracy of Localizing Terrestrial Objects Using Drones **2018**,		11
473	Single-Source Shortest Path Tree for Big Dynamic Graphs **2018**,		2
472	Uniprocessor Mixed-Criticality Scheduling with Graceful Degradation by Completion Rate **2018**,		13
471	Designing Green Communication Systems for Smart and Connected Communities via Dynamic Spectrum Access. *ACM Transactions on Sensor Networks*, **2018**, 14, 1-32	2.9	1
470	Kinetic-Powered Health Wearables: Challenges and Opportunities. *Computer*, **2018**, 51, 64-74	1.6	10
469	Mobility management A personal perspective. *Computer Communications*, **2018**, 131, 26-31	5.1	3
468	Resource Allocation to Maximize Fairness and Minimize Interference for Maximum Spectrum Reuse in 5G Cellular Networks **2018**,		3
467	ZU-mean **2018**,		6
466	Range based algorithms for precise localization of terrestrial objects using a drone. *Pervasive and Mobile Computing*, **2018**, 48, 20-42	3.5	20
465	Popularity-based caching for IPTV services over P2P networks. *Peer-to-Peer Networking and Applications*, **2017**, 10, 156-169	3.1	7

464	JAMMY: A Distributed and Dynamic Solution to Selective Jamming Attack in TDMA WSNs. *IEEE Transactions on Dependable and Secure Computing*, **2017**, 14, 392-405	3.9	17
463	A Novel Approach for Efficient Usage of Intrusion Detection System in Mobile Ad Hoc Networks. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 1684-1695	6.8	30
462	Social-based routing scheme for fixed-line VANET. *Computer Networks*, **2017**, 113, 230-243	5.4	21
461	A flexible and generalized framework for access network selection in heterogeneous wireless networks. *Pervasive and Mobile Computing*, **2017**, 40, 556-576	3.5	10
460	Energy Harvesting in Electromagnetic Nanonetworks. *Computer*, **2017**, 50, 59-67	1.6	7
459	Statistical Security Incident Forensics against Data Falsification in Smart Grid Advanced Metering Infrastructure **2017**,		11
458	Performance Evaluation the 6top Protocol and Analysis of its Interplay with Routing **2017**,		5
457	Sustainable Incentives for Mobile Crowdsensing: Auctions, Lotteries, and Trust and Reputation Systems **2017**, 55, 68-74		80
456	Time-Location-Relationship Combined Service Recommendation Based on Taxi Trajectory Data. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 1202-1212	11.9	90
455	Energy Harvesting in Nanonetworks. *Modeling and Optimization in Science and Technologies*, **2017**, 319-347	4.6	1
454	Graph compaction in analyzing large scale online social networks **2017**,		1
453	Designing sustainable smart connected communities using dynamic spectrum access via band selection **2017**,		9
452	The Internet of People (IoP): A new wave in pervasive mobile computing. *Pervasive and Mobile Computing*, **2017**, 41, 1-27	3.5	84
451	Detecting breathing frequency and maintaining a proper running rhythm. *Pervasive and Mobile Computing*, **2017**, 42, 498-512	3.5	7
450	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	54
449	CTR: Cluster based topological routing for disaster response networks **2017**,		8
448	A probabilistic link prediction model in time-varying social networks **2017**,		11
447	Role of motifs in topological robustness of gene regulatory networks **2017**,		8

446	Generating Crisis Maps for Large-scale Disasters: Issues and Challenges **2017**, 67-98		1
445	Compressive sensing based data quality improvement for crowd-sensing applications. *Journal of Network and Computer Applications*, **2017**, 77, 123-134	7.9	23
444	. *IEEE Communications Surveys and Tutorials*, **2017**, 19, 397-422	37.1	128
443	An Adaptive Bayesian System for Context-Aware Data Fusion in Smart Environments. *IEEE Transactions on Mobile Computing*, **2017**, 16, 1502-1515	4.6	34
442	Quality of Information in Mobile Crowdsensing. *ACM Transactions on Sensor Networks*, **2017**, 13, 1-43	2.9	93
441	Multi-periodic contact patterns in predicting future contacts over mobile networks **2017**,		2
440	QnQ: A reputation model to secure mobile crowdsourcing applications from incentive losses **2017**,		5
439	Enabling Adaptive Routing Service Customization via the integration of SDN and NFV. *Journal of Network and Computer Applications*, **2017**, 93, 123-136	7.9	19
438	Quantifying Robustness in Biological Networks Using NS-2. *Modeling and Optimization in Science and Technologies*, **2017**, 273-290	0.6	1
437	Incentive Mechanism Design for Heterogeneous Crowdsourcing Using All-Pay Contests. *IEEE Transactions on Mobile Computing*, **2016**, 15, 2234-2246	4.6	46
436	A 2-D random walk mobility model for WiMAX location update. *Computer Communications*, **2016**, 78, 86-96	5.1	5
435	A general model for MAC protocol selection in wireless sensor networks. *Ad Hoc Networks*, **2016**, 36, 189-202	4.8	11
434	LVS: A WiFi-based system to tackle Location Spoofing in location-based services **2016**,		2
433	Application of Graph Sparsification in Developing Parallel Algorithms for Updating Connected Components **2016**,		4
432	Towards a realistic model for failure propagation in interdependent networks **2016**,		4
431	Securing Loosely-Coupled Collaboration in Cloud Environment through Dynamic Detection and Removal of Access Conflicts. *IEEE Transactions on Cloud Computing*, **2016**, 4, 349-362	3.3	4
430	PIS: A Multi-Dimensional Routing Protocol for Socially-Aware Networking. *IEEE Transactions on Mobile Computing*, **2016**, 15, 2825-2836	4.6	41
429	Optimizing the Lifetime of Sensor Networks with Uncontrollable Mobile Sinks and QoS Constraints. *ACM Transactions on Sensor Networks*, **2016**, 12, 1-31	2.9	11

428	. *IEEE Systems Journal*, **2016**, 10, 805-816	4.3	12
427	Accurate and Efficient Modeling of 802.15.4 Unslotted CSMA/CA through Event Chains Computation. *IEEE Transactions on Mobile Computing*, **2016**, 15, 2954-2968	4.6	17
426	Incentive Mechanism Design for Crowdsourcing. *ACM Transactions on Intelligent Systems and Technology*, **2016**, 7, 1-26	8	43
425	Determining Quality- and Energy-Aware Multiple Contexts in Pervasive Computing Environments. *IEEE/ACM Transactions on Networking*, **2016**, 24, 3026-3042	3.8	3
424	. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 7647-7661	6.8	6
423	Characterization of E. coli Gene Regulatory Network and its Topological Enhancement by Edge Rewiring **2016**,		11
422	An Efficient Method of Detecting Breathing Frequency While Running **2016**,		1
421	A probabilistic approach for filtering out spam reports in a vehicular participatory sensing system **2016**,		1
420	Incentive Mechanisms for Participatory Sensing. *ACM Transactions on Sensor Networks*, **2016**, 12, 1-40	2.9	88
419	RescuePal: A smartphone-based system to discover people in emergency scenarios **2016**,		3
418	Care-Chair: Sedentary Activities and Behavior Assessment with Smart Sensing on Chair Backrest **2016**,		11
417	Efficient Communications in Wireless Sensor Networks Based on Biological Robustness **2016**,		11
416	Enhancing Reliability of Vehicular Participatory Sensing Network: A Bayesian Approach **2016**,		4
415	SelCSP: A Framework to Facilitate Selection of Cloud Service Providers. *IEEE Transactions on Cloud Computing*, **2015**, 3, 66-79	3.3	71
414	. *IEEE Transactions on Smart Grid*, **2015**, 6, 2179-2188	10.7	37
413	Interference-free scheduling with minimum latency in cluster-based wireless sensor networks. *Wireless Networks*, **2015**, 21, 2395-2411	2.5	5
412	A novel localization and coverage framework for real-time participatory urban monitoring. *Pervasive and Mobile Computing*, **2015**, 23, 122-138	3.5	18
411	Predictable Delivery of Prioritized Multihop Message Streams in Wireless Systems. *IEEE Transactions on Wireless Communications*, **2015**, 14, 4822-4834	9.6	

410	Energy-Harvesting Wearables for Activity-Aware Services. *IEEE Internet Computing*, **2015**, 19, 8-16	2.4	30
409	Lifetime optimization with QoS of sensor networks with uncontrollable mobile sinks **2015**,		6
408	Multimodal Wearable Sensing for Fine-Grained Activity Recognition in Healthcare. *IEEE Internet Computing*, **2015**, 19, 26-35	2.4	71
407	. *IEEE Transactions on Molecular, Biological, and Multi-Scale Communications*, **2015**, 1, 97-110	2.3	20
406	Content placement for video streaming over cellular networks **2015**,		3
405	Preserving QoI in participatory sensing by tackling location-spoofing through mobile WiFi hotspots **2015**,		3
404	SREE-Tree: self-reorganizing energy-efficient tree topology management in sensor networks **2015**,		1
403	Designing delay constrained hybrid ad hoc network infrastructure for post-disaster communication. *Ad Hoc Networks*, **2015**, 25, 406-429	4.8	41
402	. *IEEE/ACM Transactions on Networking*, **2015**, 23, 1401-1415	3.8	44
401	HiPCV: History based learning model for predicting contact volume in Opportunistic Networks **2015**,		3
400	NetSecuritas **2015**,		11
399	Efficient Aerial Data Collection with UAV in Large-Scale Wireless Sensor Networks. *International Journal of Distributed Sensor Networks*, **2015**, 11, 286080	1.7	37
398	Entropy-Based Privacy against Profiling of User Mobility. *Entropy*, **2015**, 17, 3913-3946	2.8	9
397	Deco: False data detection and correction framework for participatory sensing **2015**,		9
396	A-Wristocracy: Deep learning on wrist-worn sensing for recognition of user complex activities **2015**,		51
395	Exploiting Gene Regulatory Networks for Robust Wireless Sensor Networking **2015**,		5
394	IEEE PerCom 2015. *IEEE Pervasive Computing*, **2015**, 14, 84-88	1.3	
393	Analysis of a fast LZ-based entropy estimator for mobility data **2015**,		3

392	Multiple many-to-many multicast routing scheme in green multi-granularity transport networks. *Computer Networks*, **2015**, 93, 225-242	5.4	13
391	Assessing Data Breach Risk in Cloud Systems **2015**,		3
390	Leveraging network structure in centrality evaluation of large scale networks **2015**,		2
389	Service Discovery Protocols for Constrained Machine-to-Machine Communications. *IEEE Communications Surveys and Tutorials*, **2014**, 16, 41-60	37.1	40
388	On joint topology design and load balancing in free-space optical networks. *Optical Switching and Networking*, **2014**, 11, 92-104	1.6	8
387	. *IEEE Transactions on Parallel and Distributed Systems*, **2014**, 25, 1864-1875	3.7	101
386	. *IEEE Transactions on Industrial Informatics*, **2014**, 10, 784-794	11.9	72
385	CONNECT: Consociating opportunistic network neighbors for constructing a consistent and connected virtual backbone **2014**,		2
384	E-DARWIN: Energy Aware Disaster Recovery Network using WiFi Tethering **2014**,		11
383	Performance analysis of real-time traffic over 802.11n Wireless Local Area Networks: An experimental study **2014**,		2
382	On Properties of Quantized Consensus in Layered Sensor Networks **2014**,		1
381	Impact of location history collection schemes on observed human mobility features **2014**,		7
380	Analysis and Optimization of a Protocol for Mobile Element Discovery in Sensor Networks. *IEEE Transactions on Mobile Computing*, **2014**, 13, 1942-1954	4.6	14
379	Intelligent Management Systems for Energy Efficiency in Buildings. *ACM Computing Surveys*, **2014**, 47, 1-38	13.4	517
378	Adaptive and context-aware privacy preservation exploiting user interactions in smart environments. *Pervasive and Mobile Computing*, **2014**, 12, 232-243	3.5	19
377	Using data mules to preserve source location privacy in Wireless Sensor Networks. *Pervasive and Mobile Computing*, **2014**, 11, 244-260	3.5	28
376	On the design and optimization of a free space optical access network. *Optical Switching and Networking*, **2014**, 11, 29-43	1.6	8
375	Reliable resources brokering scheme in wireless grids based on non-cooperative bargaining game. *Journal of Network and Computer Applications*, **2014**, 39, 266-279	7.9	20

374	Optimal Prizes for All-Pay Contests in Heterogeneous Crowdsourcing **2014**,		31
373	An Energy Efficient Framework for Localization and Coverage in Participatory Urban Sensing **2014**,		4
372	Beyond exponential utility functions: A variance-adjusted approach for risk-averse reinforcement learning **2014**,		2
371	FIDES: A trust-based framework for secure user incentivization in participatory sensing **2014**,		23
370	Ensuring energy efficient coverage for participatory sensing in urban streets **2014**,		8
369	Toward a method for tracking virus evolutionary trajectory applied to the pandemic H1N1 2009 influenza virus. *Infection, Genetics and Evolution*, **2014**, 28, 351-7	4.5	1
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