

Guihai Chen

List of Publications by Year in Descending Order

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Version: 2024-04-11

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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.

511 papers	6,342 citations	38 h-index	64 g-index
615 ext. papers	8,157 ext. citations	3.3 avg, IF	6.44 L-index

#	Paper	IF	Citations
511	Continuous Network Update With Consistency Guaranteed in Software-Defined Networks. <i>IEEE/ACM Transactions on Networking</i> , 2022 , 1-15	3.8	0
510	MEET: rack-level pooling based load balancing in datacenter networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2022 , 1-1	3.7	
509	PV-TSC: Learning to Control Traffic Signals for Pedestrian and Vehicle Traffic in 6G Era. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-12	6.1	0
508	DeFLoc: Deep Learning Assisted Indoor Vehicle Localization Atop FM Fingerprint Map. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-12	6.1	1
507	MetisRL: A Reinforcement Learning Approach for Dynamic Routing in Data Center Networks. <i>Lecture Notes in Computer Science</i> , 2022 , 615-622	0.9	
506	Packet-in request redirection: A load-balancing mechanism for minimizing control plane response time in SDNs. <i>Journal of Systems Architecture</i> , 2022 , 102590	5.5	
505	Multiple Agents Reinforcement Learning Based Influence Maximization in Social Network Services. <i>Lecture Notes in Computer Science</i> , 2021 , 431-445	0.9	
504	Placing Wireless Chargers with Limited Mobility. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	2
503	Maximizing the Spread of Effective Information in Social Networks. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	
502	Embracing Channel Estimation in Multi-Packet Reception of ZigBee. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	
501	Liquid: Intelligent Resource Estimation and Network-Efficient Scheduling for Deep Learning Jobs on Distributed GPU Clusters. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021 , 1-1	3.7	3
500	Tracing Truth and Rumor Diffusions over Mobile Social Networks: Who are the initiators. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	
499	ROVEC: Runtime Optimization of Vectorized Expression Evaluation for Column Store. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	
498	On Social Network De-anonymization with Communities: A Maximum A Posteriori Perspective. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	0
497	Compressed Imaging Reconstruction with Sparse Random Projection. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2021 , 17, 1-25	3.4	1
496	Parallel Greedy Algorithm To Multiple Influence Maximization in Social Network. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2021 , 15, 1-21	4	2
495	. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 1277-1292	14.2	0

494	RespTracker: Multi-user Room-scale Respiration Tracking with Commercial Acoustic Devices 2021 ,		3
493	Django: Bilateral coflow scheduling with predictive concurrent connections. <i>Journal of Parallel and Distributed Computing</i> , 2021 , 152, 45-56	4.4	1
492	Clean: Minimize Switch Queue Length via Transparent ECN-proxy in Campus Networks 2021 ,		1
491	Video Stabilization for Camera Shoot in Mobile Devices via Inertial-Visual State Tracking. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 20, 1714-1729	4.6	0
490	Joint Optimization of Area Coverage and Mobile-Edge Computing With Clustering for FANETs. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 695-707	10.7	10
489	Light-weight AI and IoT collaboration for surveillance video pre-processing. <i>Journal of Systems Architecture</i> , 2021 , 114, 101934	5.5	6
488	Telling Secrets in the Light: An Efficient Key Extraction Mechanism Via Ambient Light. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 186-198	9.6	1
487	Using Survival Theory in Early Pattern Detection for Viral Cascades. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	1
486	Connectivity-Constrained Placement of Wireless Chargers. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 20, 909-927	4.6	3
485	An End-to-End Learning Based Metadata Management Approach for Distributed File Systems. <i>IEEE Transactions on Computers</i> , 2021 , 1-1	2.5	
484	FB2vec: A Novel Representation Learning Model for Forwarding Behaviors on Online Social Networks. <i>Lecture Notes in Computer Science</i> , 2021 , 216-231	0.9	
483	Collective Influence Maximization in Mobile Social Networks. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	1
482	Seeking the Truth in a Decentralized Manner. <i>IEEE/ACM Transactions on Networking</i> , 2021 , 1-17	3.8	
481	A Reinforcement Learning Model for Influence Maximization in Social Networks. <i>Lecture Notes in Computer Science</i> , 2021 , 701-709	0.9	1
480	Spectrum Sharing for 5G/6G URLLC: Research Frontiers and Standards. <i>IEEE Communications Standards Magazine</i> , 2021 , 1-12	3.3	9
479	Cross-Platform Event Popularity Analysis via Dynamic Time Warping and Neural Prediction. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	
478	Efficient Crowdsourcing-Aided Positioning and Ground-Truth-Aided Truth Discovery for Mobile Wireless Sensor Networks in Urban Fields. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	
477	Recommendation System with Reasoning Path Based on DQN and Knowledge Graph 2021 ,		1

476	GCAN: A Group-Wise Collaborative Adversarial Networks for Item Recommendation. <i>Lecture Notes in Computer Science</i> , 2021 , 330-338	0.9	
475	Collective De-anonymization of Social Networks with Optional Seeds. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	0
474	An Attention-Based Bi-GRU for Route Planning and Order Dispatch of Bus-Booking Platform. <i>Lecture Notes in Computer Science</i> , 2021 , 609-624	0.9	1
473	Scheduling of Mobile Charger with Multiple Antennas. <i>Lecture Notes in Computer Science</i> , 2021 , 3-17	0.9	
472	Scaling DCN Models for Indoor White Space Exploration. <i>Lecture Notes in Computer Science</i> , 2021 , 525-537	0.9	
471	Capitalize Your Data: Optimal Selling Mechanisms for IoT Data Exchange. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	2
470	SRecGAN: Pairwise Adversarial Training for Sequential Recommendation. <i>Lecture Notes in Computer Science</i> , 2021 , 20-35	0.9	1
469	Cost-Sharing Mechanism Design for Social Cost Minimization in Ridesharing Systems. <i>Lecture Notes in Computer Science</i> , 2021 , 277-289	0.9	
468	A unified task recommendation strategy for realistic mobile crowdsourcing system. <i>Theoretical Computer Science</i> , 2021 , 857, 43-58	1.1	1
467	Achieving Fast Loop-Free Updates With Ingress Port in Software-Defined Networks. <i>IEEE/ACM Transactions on Networking</i> , 2021 , 29, 1527-1539	3.8	
466	Buffer-Assisted Network Updates in Timed SDN. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	0
465	Rethinking Fine-grained Measurement from Software-defined Perspective: A Survey. <i>IEEE Transactions on Services Computing</i> , 2021 , 1-1	4.8	1
464	Wi-Fruit 2021 , 5, 1-29		3
463	Radiation Constrained Wireless Charger Placement. <i>IEEE/ACM Transactions on Networking</i> , 2020 , 1-17	3.8	1
462	MAB-Based Reinforced Worker Selection Framework for Budgeted Spatial Crowdsensing. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	8
461	. <i>IEEE/ACM Transactions on Networking</i> , 2020 , 28, 1629-1642	3.8	2
460	Predicting Hot Events in the Early Period through Bayesian Model for Social Networks. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	1
459	Thresholded Monitoring in Distributed Data Streams. <i>IEEE/ACM Transactions on Networking</i> , 2020 , 28, 1033-1046	3.8	0

458	Shearlet Enhanced Snapshot Compressive Imaging. <i>IEEE Transactions on Image Processing</i> , 2020 ,	8.7	10
457	Fine-Grained User Profiling for Personalized Task Matching in Mobile Crowdsensing. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1	4.6	4
456	Charging Task Scheduling for Directional Wireless Charger Networks. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1	4.6	4
455	Online Pricing with Reserve Price Constraint for Personal Data Markets 2020 ,		7
454	. <i>IEEE/ACM Transactions on Networking</i> , 2020 , 28, 360-375	3.8	5
453	Placement of Unmanned Aerial Vehicles for Directional Coverage in 3D Space. <i>IEEE/ACM Transactions on Networking</i> , 2020 , 28, 888-901	3.8	7
452	P-PFC: Reducing Tail Latency with Predictive PFC in Lossless Data Center Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2020 , 31, 1447-1459	3.7	5
451	An Efficient, Fair, and Robust Image Pricing Mechanism for Crowdsourced 3D Reconstruction. <i>IEEE Transactions on Services Computing</i> , 2020 , 1-1	4.8	1
450	Exploring Token-Oriented In-Network Prioritization in Datacenter Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2020 , 31, 1223-1238	3.7	0
449	Finding Persistent Items in Distributed Datasets. <i>IEEE/ACM Transactions on Networking</i> , 2020 , 28, 1-14	3.8	4
448	Adaptive Diffusion of Sensitive Information in Online Social Networks. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	2
447	An Embedded GRASP-VNS based Two-Layer Framework for Tour Recommendation. <i>IEEE Transactions on Services Computing</i> , 2020 , 1-1	4.8	2
446	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	6
445	An Approximation Algorithm for Bounded Task Assignment Problem in Spatial Crowdsourcing. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1	4.6	5
444	General framework, opportunities and challenges for crowdsourcing techniques: A Comprehensive survey. <i>Journal of Systems and Software</i> , 2020 , 167, 110611	3.3	19
443	Toward Verifiable and Privacy Preserving Machine Learning Prediction. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2020 , 1-1	3.9	6
442	Robust Offloading Scheduling for Mobile Edge Computing. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1	4.6	3
441	Quality-Aware and Penalty-Sensitive Opportunistic Crowdsensing in Mobile Relay Networks. <i>Lecture Notes in Computer Science</i> , 2020 , 451-465	0.9	

440	Adaptive Recollected RNN for Workload Forecasting in Database-as-a-Service. <i>Lecture Notes in Computer Science</i> , 2020 , 431-438	0.9	2
439	Towards Fine-Grained Indoor White Space Sensing. <i>Lecture Notes in Computer Science</i> , 2020 , 45-60	0.9	
438	Multi-Resource VNF Deployment in a Heterogeneous Cloud. <i>IEEE Transactions on Computers</i> , 2020 , 1-1	2.5	2
437	Evolving Influence Maximization in Evolving Networks. <i>ACM Transactions on Internet Technology</i> , 2020 , 20, 1-31	3.8	1
436	SLoRa 2020 ,		2
435	Deployment of Unmanned Aerial Vehicles for Anisotropic Monitoring Tasks. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1	4.6	2
434	KPML: A Novel Probabilistic Perspective Kernel Mahalanobis Distance Metric Learning Model for Semi-supervised Clustering. <i>Lecture Notes in Computer Science</i> , 2020 , 259-274	0.9	1
433	On Designing Strategy-Proof Budget Feasible Online Mechanism for Mobile Crowdsensing with Time-Discounting Values. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1	4.6	
432	SentiMem: Attentive Memory Networks for Sentiment Classification in User Review. <i>Lecture Notes in Computer Science</i> , 2020 , 736-751	0.9	1
431	Federated Tensor Mining for Secure Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 2144-2153	11.9	20
430	DC-ECN: A machine-learning based dynamic threshold control scheme for ECN marking in DCN. <i>Computer Communications</i> , 2020 , 150, 334-345	5.1	6
429	ECN+: A marking-aware optimization for ECN threshold via per-Port in Data Center Networks. <i>Journal of Network and Computer Applications</i> , 2020 , 152, 102504	7.9	1
428	Optimizing NFV Chain Deployment in Software-Defined Cellular Core. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 248-262	14.2	4
427	Distributed Feature Selection for Big Data Using Fuzzy Rough Sets. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 846-857	8.3	18
426	Popularity Prediction for Single Tweet Based on Heterogeneous Bass Model. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	2
425	Blockchain-Based Mobile Crowd Sensing in Industrial Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 6553-6563	11.9	40
424	Area Charging for Wireless Rechargeable Sensors 2020 ,		2
423	Robust Server Placement for Edge Computing 2020 ,		5

422	Crowdsensing-Based Cross-Operator Switch in Rail Transit Systems. <i>IEEE Transactions on Communications</i> , 2020 , 68, 7938-7947	6.9	5
421	Cooperative Sweep Coverage Problem with Mobile Sensors. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1	4.6	7
420	Online Concurrent Transmissions at LoRa Gateway 2020 ,		6
419	Generative Adversarial Networks-based Privacy-Preserving 3D Reconstruction 2020 ,		1
418	ROSE: Robustly Safe Charging for Wireless Power Transfer. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1	4.6	4
417	. <i>IEEE/ACM Transactions on Networking</i> , 2020 , 28, 2503-2516	3.8	2
416	Evolution Matters: Content Transmission in Evolving Wireless Social Networks. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 7377-7391	9.6	2
415	. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1	4.6	
414	Neighborhood Matters: Influence Maximization in Social Networks with Limited Access. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	3
413	. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 19, 44-59	4.6	34
412	Practical Heterogeneous Wireless Charger Placement with Obstacles. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 19, 1910-1927	4.6	10
411	Energy Efficient Scheduling Algorithms for Sweep Coverage in Mobile Sensor Networks. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 19, 1332-1345	4.6	10
410	ARETE: On Designing Joint Online Pricing and Reward Sharing Mechanisms for Mobile Data Markets. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 19, 769-787	4.6	5
409	Pache: A Packet Management Scheme of Cache in Data Center Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2020 , 31, 253-265	3.7	3
408	Pricing and allocation algorithm designs in dynamic ridesharing system. <i>Theoretical Computer Science</i> , 2020 , 803, 94-104	1.1	9
407	Joint Recommendations in Multilayer Mobile Social Networks. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 19, 2358-2373	4.6	6
406	Hardness of and approximate mechanism design for the bike rebalancing problem. <i>Theoretical Computer Science</i> , 2020 , 803, 105-115	1.1	1
405	Collective Influence Maximization 2019 ,		3

404	Orchestrating service chain deployment with plutus in next generation cellular core 2019 ,		5
403	Dual Sequential Prediction Models Linking Sequential Recommendation and Information Dissemination 2019 ,		15
402	Sentinel: Failure Recovery in Centralized Traffic Engineering. <i>IEEE/ACM Transactions on Networking</i> , 2019 , 27, 1859-1872	3.8	7
401	Dynamic Load Balancing in Hybrid Switching Data Center Networks with Converters 2019 ,		6
400	QLEC 2019 ,		2
399	ERATO: Trading Noisy Aggregate Statistics over Private Correlated Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019 , 1-1	4.2	2
398	FREE 2019 ,		5
397	Litedge 2019 ,		3
396	SAFE 2019 ,		2
395	AdaM 2019 ,		1
394	Pushing the Limit of CSI-based Activity Recognition: An Enhanced Approach via Packet Reconstruction 2019 ,		2
393	Energy-Efficient Dynamic Virtual Machine Management in Data Centers. <i>IEEE/ACM Transactions on Networking</i> , 2019 , 27, 344-360	3.8	10
392	U2-Tree: A Universal Two-Layer Distributed Indexing Scheme for Cloud Storage System. <i>IEEE/ACM Transactions on Networking</i> , 2019 , 27, 201-213	3.8	3
391	Enhancing data delivery in vehicular networks using dual-radio architecture. <i>CCF Transactions on Networking</i> , 2019 , 1, 52-64	0.8	1
390	PANDA: Placement of Unmanned Aerial Vehicles Achieving 3D Directional Coverage 2019 ,		8
389	Robust Scheduling for Wireless Charger Networks 2019 ,		11
388	Reinforced Reliable Worker Selection for Spatial Crowdsensing Networks. <i>Lecture Notes in Computer Science</i> , 2019 , 244-259	0.9	1
387	Dual Graph Attention Networks for Deep Latent Representation of Multifaceted Social Effects in Recommender Systems 2019 ,		61

386	Multi-Rate Selection in ZigBee. <i>IEEE/ACM Transactions on Networking</i> , 2019 , 27, 1055-1068	3.8	3
385	Real-Time Route Planning and Online Order Dispatch for Bus-Booking Platforms. <i>Lecture Notes in Computer Science</i> , 2019 , 748-763	0.9	3
384	Scheduling dependent coflows to minimize the total weighted job completion time in datacenters. <i>Computer Networks</i> , 2019 , 158, 193-205	5.4	2
383	LearningTour: A Machine Learning Approach for Tour Recommendation Based on Users' Historical Travel Experience. <i>Lecture Notes in Computer Science</i> , 2019 , 453-456	0.9	0
382	Congestion-Free Rerouting of Multiple Flows in Timed SDNs. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 968-981	14.2	9
381	. <i>IEEE Transactions on Green Communications and Networking</i> , 2019 , 3, 817-827	4	1
380	AGREE: Attention-Based Tour Group Recommendation with Multi-modal Data. <i>Lecture Notes in Computer Science</i> , 2019 , 314-318	0.9	4
379	. <i>IEEE Communications Surveys and Tutorials</i> , 2019 , 21, 2849-2885	37.1	51
378	Towards Secure Industrial IoT: Blockchain System With Credit-Based Consensus Mechanism. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3680-3689	11.9	224
377	Taxonomy and Evaluation for Microblog Popularity Prediction. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2019 , 13, 1-40	4	17
376	On Designing Distributed Auction Mechanisms for Wireless Spectrum Allocation. <i>IEEE Transactions on Mobile Computing</i> , 2019 , 18, 2129-2146	4.6	7
375	ECASS: Edge computing based auxiliary sensing system for self-driving vehicles. <i>Journal of Systems Architecture</i> , 2019 , 97, 258-268	5.5	11
374	Radiation Constrained Fair Charging for Wireless Power Transfer. <i>ACM Transactions on Sensor Networks</i> , 2019 , 15, 1-33	2.9	14
373	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2019 , 30, 1962-1974	3.7	9
372	Iterative Compressive Sensing for Fault Detection 2019 , 49-67		
371	Mobile Crowdsensing 2019 , 5-16		
370	A Constant Factor Approximation for d -Hop Connected Dominating Set in Three-Dimensional Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 4357-4367	9.6	5
369	Challenges and Opportunities in IoT Data Markets 2019 ,		3

368	mmHandover 2019 ,		3
367	Multicast Scaling of Capacity and Energy Efficiency in Heterogeneous Wireless Sensor Networks. <i>ACM Transactions on Sensor Networks</i> , 2019 , 15, 1-32	2.9	6
366	MISEN: A Mobile Indoor White Space Exploration Method 2019 ,		1
365	DeepHash 2019 ,		2
364	VISIT: Placement of Unmanned Aerial Vehicles for Anisotropic Monitoring Tasks 2019 ,		4
363	Thresholded Monitoring in Distributed Data Streams 2019 ,		1
362	Feature Evolution Based Multi-Task Learning for Collaborative Filtering with Social Trust 2019 ,		5
361	A Strategy-Proof Model-Based Online Auction for Ad Reservation. <i>Lecture Notes in Computer Science</i> , 2019 , 612-617	0.9	
360	PATRON: A Unified Pioneer-Assisted Task Recommendation Framework in Realistic Crowdsourcing System. <i>Lecture Notes in Computer Science</i> , 2019 , 553-564	0.9	
359	LP-HD: An Efficient Hybrid Model for Topic Detection in Social Network. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 841-857	0.4	
358	Rate Adaptive Broadcast in Internet of Things. <i>Communications in Computer and Information Science</i> , 2019 , 61-75	0.3	
357	NnD: Shallow Neural Network Based Collision Decoding in IoT Communications. <i>Lecture Notes in Computer Science</i> , 2019 , 190-199	0.9	
356	CrowdSwitch: Crowdsensing Based Switch between Multiple Cellular Operators in Subways 2019 ,		3
355	SENTI2POP: Sentiment-Aware Topic Popularity Prediction on Social Media 2019 ,		5
354	Distributed Fuzzy Rough Set for Big Data Analysis in Cloud Computing 2019 ,		2
353	A Tight Lower Bound for Relaxed Loop-Free Updates in SDNs 2019 ,		3
352	2019 ,		3
351	Understanding Multi-Path Routing Algorithms in Datacenter Networks 2019 ,		1

350	GANemotion: Increase Vitality of Characters in Videos by Generative Adversary Networks 2019 ,		1
349	B-IoT: Blockchain Driven Internet of Things with Credit-Based Consensus Mechanism 2019 ,		14
348	mLoRa: A Multi-Packet Reception Protocol in LoRa networks 2019 ,		22
347	An efficient and scalable multi-dimensional indexing scheme for modular data centers. <i>Data and Knowledge Engineering</i> , 2019 , 123, 101729	1.5	
346	Reinforcement Learning with Sequential Information Clustering in Real-Time Bidding 2019 ,		3
345	Accelerate Data Retrieval by Multi-Dimensional Indexing in Switch-Centric Data Centers. <i>Computer Journal</i> , 2019 , 62, 301-320	1.3	
344	Modeling, Analysis and Validation of Evolving Networks With Hybrid Interactions. <i>IEEE/ACM Transactions on Networking</i> , 2019 , 27, 126-142	3.8	4
343	Algorithm Design and Analysis for Wireless Relay Network Deployment Problem. <i>IEEE Transactions on Mobile Computing</i> , 2019 , 18, 2257-2269	4.6	1
342	Outlier Discrimination and Correction in Intelligent Transportation Systems 2019 , 203-215		1
341	Accelerate the classification statistics in RFID systems. <i>Theoretical Computer Science</i> , 2019 , 788, 39-52	1.1	5
340	Achieving Data Truthfulness and Privacy Preservation in Data Markets. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019 , 31, 105-119	4.2	23
339	Congestion-Minimizing Network Update in Data Centers. <i>IEEE Transactions on Services Computing</i> , 2019 , 12, 800-812	4.8	4
338	Reachability for airline networks: fast algorithm for shortest path problem with time windows. <i>Theoretical Computer Science</i> , 2018 , 749, 66-79	1.1	5
337	Approximation Algorithms for Sweep Coverage Problem With Multiple Mobile Sensors. <i>IEEE/ACM Transactions on Networking</i> , 2018 , 26, 990-1003	3.8	25
336	NEMO: Novel and efficient multicast routing schemes for Hybrid Data Center Networks. <i>Computer Networks</i> , 2018 , 138, 149-163	5.4	7
335	An Efficient Privacy-Preserving Fingerprint-Based Localization Scheme Employing Oblivious Transfer. <i>Communications in Computer and Information Science</i> , 2018 , 110-132	0.3	
334	SCAPE: Safe Charging With Adjustable Power. <i>IEEE/ACM Transactions on Networking</i> , 2018 , 26, 520-533	3.8	49
333	Radiation Constrained Scheduling of Wireless Charging Tasks. <i>IEEE/ACM Transactions on Networking</i> , 2018 , 26, 314-327	3.8	55

332	Have You Recorded My Voice: Toward Robust Neighbor Discovery in Mobile Wireless Networks. <i>IEEE/ACM Transactions on Networking</i> , 2018 , 26, 1432-1445	3.8	6
331	Data Quality Guided Incentive Mechanism Design for Crowdsensing. <i>IEEE Transactions on Mobile Computing</i> , 2018 , 17, 307-319	4.6	67
330	Improving Resource Utilization via Virtual Machine Placement in Data Center Networks. <i>Mobile Networks and Applications</i> , 2018 , 23, 227-238	2.9	15
329	Support ECN in Multi-Queue Datacenter Networks via Per-Port Marking with Selective Blindness 2018 ,		8
328	D2-Tree: A Distributed Double-Layer Namespace Tree Partition Scheme for Metadata Management in Large-Scale Storage Systems 2018 ,		2
327	I(TS, CS): Detecting Faulty Location Data in Mobile Crowdsensing 2018 ,		11
326	On Designing Quality-Aware Steering Algorithms for Large-Scale Mobile Crowdsensing 2018 ,		2
325	Heterogeneous Wireless Charger Placement with Obstacles 2018 ,		10
324	Scheduling Congestion-Free Updates of Multiple Flows with Chronicle in Timed SDNs 2018 ,		11
323	Charging Task Scheduling for Directional Wireless Charger Networks 2018 ,		10
322	Wireless Charger Placement for Directional Charging. <i>IEEE/ACM Transactions on Networking</i> , 2018 , 26, 1865-1878	3.8	37
321	Millimeter Wave Communication: A Comprehensive Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2018 , 20, 1616-1653	37.1	179
320	Connectivity-Aware Virtual Machine Placement in 60 GHz Wireless Cloud Centers. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 33-43	0.2	
319	QDR-Tree: An Efficient Index Scheme for Complex Spatial Keyword Query. <i>Lecture Notes in Computer Science</i> , 2018 , 390-404	0.9	4
318	Crowdsourcing Task Scheduling in Mobile Social Networks. <i>Lecture Notes in Computer Science</i> , 2018 , 317-331	0.9	4
317	(R ²)-Tree: An Efficient Indexing Scheme for Server-Centric Data Center Networks. <i>Lecture Notes in Computer Science</i> , 2018 , 232-247	0.9	
316	Placement Fraud Detection on Smart Phones: A Joint Crowdsourcing and Data Analyzing Based Approach. <i>Communications in Computer and Information Science</i> , 2018 , 163-179	0.3	
315	EPOC: A Survival Perspective Early Pattern Detection Model for Outbreak Cascades. <i>Lecture Notes in Computer Science</i> , 2018 , 336-351	0.9	1

314	QITA: Quality Inference Based Task Assignment in Mobile Crowdsensing. <i>Lecture Notes in Computer Science</i> , 2018 , 363-370	0.9	4
313	Achieving Location Truthfulness in Rebalancing Supply-Demand Distribution for Bike Sharing. <i>Lecture Notes in Computer Science</i> , 2018 , 256-267	0.9	2
312	DancingLines: An Analytical Scheme to Depict Cross-Platform Event Popularity. <i>Lecture Notes in Computer Science</i> , 2018 , 283-299	0.9	8
311	Correlation-Aware Virtual Machine Placement in Data Center Networks. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 22-32	0.2	1
310	Quality-Based User Recruitment in Mobile CrowdSensing 2018 ,		3
309	CORTEN: A Real-Time Accurate Indoor White Space Prediction Mechanism 2018 ,		2
308	Blockchain-based Crowd-sensing System 2018 ,		9
307	eTOUR: A Two-Layer Framework for Tour Recommendation with Super-POIs. <i>Lecture Notes in Computer Science</i> , 2018 , 771-778	0.9	3
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305	DCQCN+: Taming Large-Scale Incast Congestion in RDMA over Ethernet Networks 2018 ,		8
304	Hermes: Utility-Aware Network Update in Software-Defined WANs 2018 ,		6
303	Shifter: A Consistent Multicast Routing Update Scheme in Software-Defined Networks 2018 ,		3
302	Cease with Bass: A Framework for Real-Time Topic Detection and Popularity Prediction Based on Long-Text Contents. <i>Lecture Notes in Computer Science</i> , 2018 , 53-65	0.9	
301	Adversarial Training Model Unifying Feature Driven and Point Process Perspectives for Event Popularity Prediction 2018 ,		8
300	EPAB: Early Pattern Aware Bayesian Model for Social Content Popularity Prediction 2018 ,		3
299	Algorithm Designs for Dynamic Ridesharing System. <i>Lecture Notes in Computer Science</i> , 2018 , 209-220	0.9	
298	CROP: An Efficient Cross-Platform Event Popularity Prediction Model for Online Media. <i>Lecture Notes in Computer Science</i> , 2018 , 35-49	0.9	2
297	Pricing for Revenue Maximization in Inter-DataCenter Networks 2018 ,		3

296	Using the Macroflow Abstraction to Minimize Machine Slot-time Spent on Networking in Hadoop 2018 ,		2
295	Identifying and Estimating Persistent Items in Data Streams. <i>IEEE/ACM Transactions on Networking</i> , 2018 , 26, 2429-2442	3.8	13
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292	Unlocking the Value of Privacy 2018 ,		22
291	MOOC: A Mobility Control Based Clustering Scheme for Area Coverage in FANETs 2018 ,		7
290	Adaptive online mobile charging for node failure avoidance in wireless rechargeable sensor networks. <i>Computer Communications</i> , 2018 , 126, 28-37	5.1	23
289	A Low-Cost Vehicle Anti-Theft System Using Obsolete Smartphone. <i>Mobile Information Systems</i> , 2018 , 2018, 1-16	1.4	4
288	Minimizing mobile sensor movements to form a line K-coverage. <i>Peer-to-Peer Networking and Applications</i> , 2017 , 10, 1063-1078	3.1	6
287	Using Wireless Link Dynamics to Extract a Secret Key in Vehicular Scenarios. <i>IEEE Transactions on Mobile Computing</i> , 2017 , 16, 2065-2078	4.6	24
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285	Trading Data in the Crowd: Profit-Driven Data Acquisition for Mobile Crowdsensing. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 486-501	14.2	36
284	On Designing Data Quality-Aware Truth Estimation and Surplus Sharing Method for Mobile Crowdsensing. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 832-847	14.2	89
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275	BikeLoc 2017 ,		3
274	Context-aware data quality estimation in mobile crowdsensing 2017 ,		47
273	ERA: Towards privacy preservation and verifiability for online ad exchanges. <i>Journal of Network and Computer Applications</i> , 2017 , 98, 1-10	7.9	2
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258	Mechanism Design for Mobile Crowdsensing with Execution Uncertainty 2017 ,		9
257	Chronus: Consistent Data Plane Updates in Timed SDNs 2017 ,		20
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255	A Constant-Factor Approximation for Bounded Task Allocation Problem in Crowdsourcing 2017 ,		6
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253	Online Auctions with Dynamic Costs for Ridesharing 2017 ,		2
252	AngleCut: A Ring-Based Hashing Scheme for Distributed Metadata Management. <i>Lecture Notes in Computer Science</i> , 2017 , 71-86	0.9	5
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218	TECH: A Thermal-Aware and Cost Efficient Mechanism for Colocation Demand Response 2016 ,		6
217	Efficient Scheduling Strategies for Mobile Sensors in Sweep Coverage Problem 2016 ,		9
216	Selecting most informative contributors with unknown costs for budgeted crowdsensing 2016 ,		13
215	We've got you covered: Failure recovery with backup tunnels in traffic engineering 2016 ,		3
214	Data Ferry Trajectory Planning for Sweep Coverage Problem with Multiple Mobile Sensors 2016 ,		7
213	Omnidirectional chargability with directional antennas 2016 ,		22
212	Drone-Based Wireless Relay Using Online Tensor Update 2016 ,		2
211	OR-Play: An Optimal Relay Placement Scheme for High-Quality Wireless Network Services 2016 ,		2
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199	Pay as How Well You Do 2015 ,		144
198	FT-INDEX: A distributed indexing scheme for switch-centric cloud storage system 2015 ,		9
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186	Localization in Wireless Rechargeable Sensor Networks Using Mobile Directional Charger 2015 ,		9
185	A Distributed Approximation for Multi-Hop Clustering Problem in Wireless Sensor Networks 2015 ,		1
184	Minimizing Transient Congestion during Network Update in Data Centers 2015 ,		31
183	Shorten the Trajectory of Mobile Sensors in Sweep Coverage Problem 2015 ,		10
182	Good Work Deserves Good Pay: A Quality-Based Surplus Sharing Method for Participatory Sensing 2015 ,		9
181	Distributed Algorithm for Full-View Barrier Coverage with Rotatable Camera Sensors 2015 ,		8
180	An endorsement-based reputation system for trustworthy crowdsourcing 2015 ,		3
179	EndorTrust: An Endorsement-Based Reputation System for Trustworthy and Heterogeneous Crowdsourcing 2015 ,		12
178	TRADE: A truthful online combinatorial auction for spectrum allocation in cognitive radio networks. <i>Wireless Communications and Mobile Computing</i> , 2015 , 15, 1320-1330	1.9	6
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174	Resisting three-dimensional manipulations in distributed wireless spectrum auctions 2015 ,		6
173	On Maximizing Reliability of Lifetime Constrained Data Aggregation Tree in Wireless Sensor Networks 2015 ,		2
172	PROTA: A Privacy-pReserving prOtolocol for real-time Targeted Advertising 2015 ,		2
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165	Centaur: Dynamic message dissemination over online social networks 2014 ,		1
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157	Balancing traffic load for devolved controllers in data center networks 2014 ,		7
156	Full-view barrier coverage with rotatable camera sensors 2014 ,		3
155	DIARY: A differentially private and approximately revenue maximizing auction mechanism for secondary spectrum markets 2014 ,		2
154	SOAR: Strategy-proof auction mechanisms for distributed cloud bandwidth reservation 2014 ,		18
153	SphericalMesh: A novel and flexible network topology for 60GHz-based wireless data centers 2014 ,		5

152	NICE: Network-aware VM Consolidation scheme for Energy Conservation in Data Centers 2014 ,	10
151	Unknown combinatorial auction mechanisms for heterogeneous spectrum redistribution 2014 ,	8
150	POLA: A privacy-preserving protocol for location-based real-time advertising 2014 ,	2
149	Differentially private spectrum auction with approximate revenue maximization 2014 ,	39
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146	Resisting label-neighborhood attacks in outsourced social networks 2014 ,	3
145	CIRF: Constructive interference-based reliable flooding in asynchronous duty-cycle wireless sensor networks 2014 ,	4
144	DCP: An efficient and distributed data center cache protocol with Fat-Tree topology 2014 ,	1
143	Revisiting routing in multi-hop wireless networks: Spatial reusability-aware routing 2014 ,	1
142	A strategy-proof spectrum auction for balancing revenue and fairness 2014 ,	3
141	Online vector scheduling and generalized load balancing. <i>Journal of Parallel and Distributed Computing</i> , 2014 , 74, 2304-2309	4.4 8
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130	Using Minimum Mobile Chargers to Keep Large-Scale Wireless Rechargeable Sensor Networks Running Forever 2013 ,		4
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125	SMASHER 2013 ,		12
124	Extracting secret key from wireless link dynamics in vehicular environments 2013 ,		29
123	Practical scheduling for stochastic event capture in wireless rechargeable sensor networks 2013 ,		3
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115	EODS: An Energy-efficient Online Decision Scheme in Delay-sensitive Sensor Networks for Rare-event Detection 2012 ,		1
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88	SOS: A Safe, Ordered, and Speedy Emergency Navigation Algorithm in Wireless Sensor Networks 2011 ,	3
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