

# Jiming Chen

## 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.

362  
papers

12,566  
citations

60  
h-index

99  
g-index

417  
ext. papers

15,140  
ext. citations

5.3  
avg, IF

6.92  
L-index

#	Paper	IF	Citations
362	Towards Automatic Root Cause Diagnosis of Persistent Packet Loss in Cloud Overlay Network. <i>IEEE/ACM Transactions on Networking</i> , <b>2022</b> , 1-15	3.8	
361	LTrack: A LoRa-based Indoor Tracking System for Mobile Robots. <i>IEEE Transactions on Vehicular Technology</i> , <b>2022</b> , 1-1	6.8	0
360	Detecting PLC Intrusions Using Control Invariants. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	0
359	An Efficient Multi-task Network for Pedestrian Intrusion Detection. <i>IEEE Transactions on Intelligent Vehicles</i> , <b>2022</b> , 1-1	5	2
358	A unified drug-target interaction prediction framework based on knowledge graph and recommendation system. <i>Nature Communications</i> , <b>2021</b> , 12, 6775	17.4	11
357	Model and Transfer Spatial-temporal Knowledge for Fine-grained Radio Map Reconstruction. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2021</b> , 1-1	6.6	
356	Converter-based Moving Target Defense Against Deception Attacks in DC Microgrids. <i>IEEE Transactions on Smart Grid</i> , <b>2021</b> , 1-1	10.7	7
355	Short-Term Strong Wind Risk Prediction for High-Speed Railway. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 4243-4255	6.1	0
354	High-Confidence Gateway Planning and Performance Evaluation of a Hybrid LoRa Network. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 1071-1081	10.7	4
353	Secure State Estimation Using Hybrid Homomorphic Encryption Scheme. <i>IEEE Transactions on Control Systems Technology</i> , <b>2021</b> , 29, 1704-1720	4.8	5
352	You Foot the Bill! Attacking NFC With Passive Relays. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 1197-1210	10.7	3
351	Efficient Fault-tolerant Information Barrier Coverage in Internet of Things. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 1-1	9.6	4
350	Generating Adversarial Examples against Machine Learning based Intrusion Detector in Industrial Control Systems. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 1-1	3.9	3
349	Quality-Aware Incentive Mechanisms Under Social Influences in Data Crowdsourcing. <i>IEEE/ACM Transactions on Networking</i> , <b>2021</b> , 1-14	3.8	1
348	Road-Map Aided GM-PHD Filter for Multivehicle Tracking With Automotive Radar. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	1
347	Improving the Controllability of Complex Networks by Temporal Segmentation. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2020</b> , 7, 2765-2774	4.9	1
346	Operation State Scheduling Towards Optimal Network Utility in RF-Powered Internet of Things. <i>IEEE Transactions on Mobile Computing</i> , <b>2020</b> , 1-1	4.6	2

345	Rebalance Bike-Sharing System With Deep Sequential Learning. <i>IEEE Intelligent Transportation Systems Magazine</i> , <b>2020</b> , 1-1	2.6	2
344	DRAIM: A Novel Delay-Constraint and Reverse Auction-Based Incentive Mechanism for WiFi Offloading. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2020</b> , 38, 711-722	14.2	40
343	On Hiddenness of Moving Target Defense against False Data Injection Attacks on Power Grid. <i>ACM Transactions on Cyber-Physical Systems</i> , <b>2020</b> , 4, 1-29	2.3	11
342	DIY Smart House : Exploration and Practice of IoT MOOC Education <b>2020</b> ,		2
341	GotU: leverage social ties for efficient user localization. <i>Science China Information Sciences</i> , <b>2020</b> , 63, 1	3.4	
340	Stealthy Actuator Signal Attacks in Stochastic Control Systems: Performance and Limitations. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 3927-3934	5.9	13
339	An Event-Based Stealthy Attack on Remote State Estimation. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 4348-4355	5.9	15
338	Intra-Operator Customer Churn in Telecommunications: A Systematic Perspective. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 948-957	6.8	2
337	Adaptive Switching Spatial-Temporal Fusion Detection for Remote Flying Drones. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 6964-6976	6.8	5
336	<b>2020</b> ,		2
335	Privacy-Preserving Distributed Machine Learning via Local Randomization and ADMM Perturbation. <i>IEEE Transactions on Signal Processing</i> , <b>2020</b> , 68, 4226-4241	4.8	6
334	. <i>IEEE Transactions on Mobile Computing</i> , <b>2020</b> , 19, 2028-2043	4.6	10
333	Privacy-Preserving Database Assisted Spectrum Access for Industrial Internet of Things: A Distributed Learning Approach. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 7094-7103	8.9	10
332	. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2020</b> , 15, 2320-2335	8	46
331	<b>2019</b> ,		3
330	Adaptive Ramp Metering Control for Urban Freeway Using Large-Scale Data. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 9507-9518	6.8	6
329	TERP: Time-Event-Dependent Route Planning in Stochastic Multimodal Transportation Networks With Bike Sharing System. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 4991-5000	10.7	6
328	Improved Rotor Braking Protection Circuit and Self-Adaptive Control for DFIG during Grid Fault. <i>Energies</i> , <b>2019</b> , 12, 1994	3.1	2

327	Improving thermal conductivity of epoxy resin by filling boron nitride nanomaterials: A molecular dynamics investigation. <i>Computational Materials Science</i> , <b>2019</b> , 164, 108-115	3.2	18
326	Dynamic Pricing for Privacy-Preserving Mobile Crowdsensing: A Reinforcement Learning Approach. <i>IEEE Network</i> , <b>2019</b> , 33, 160-165	11.4	15
325	China's technological achievements on ITER enhanced heat flux first wall in the pre-PA qualification. <i>Fusion Engineering and Design</i> , <b>2019</b> , 146, 2045-2048	1.7	9
324	Event-Based State Estimation: Optimal Algorithm With Generalized Closed Skew Normal Distribution. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 321-328	5.9	15
323	Utilization-Aware Trip Advisor in Bike-Sharing Systems Based on User Behavior Analysis. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2019</b> , 31, 1822-1835	4.2	11
322	A tensor-based framework for studying eigenvector multicentrality in multilayer networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 15407-15413	11.5	38
321	Big data and smart computing in network systems. <i>Peer-to-Peer Networking and Applications</i> , <b>2019</b> , 12, 1308-1310	3.1	1
320	. <i>IEEE Access</i> , <b>2019</b> , 7, 100394-100405	3.5	5
319	Interfacial Characteristics of Boron Nitride Nanosheet/Epoxy Resin Nanocomposites: A Molecular Dynamics Simulation. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 2832	2.6	11
318	Orientation Optimization for Full-View Coverage Using Rotatable Camera Sensors. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 10508-10518	10.7	6
317	iLoc: A Low-Cost Low-Power Outdoor Localization System for Internet of Things <b>2019</b> ,		2
316	Differential Privacy-preserving Distributed Machine Learning <b>2019</b> ,		4
315	Gateway Planning for Hybrid LoRa Networks <b>2019</b> ,		3
314	Nonzero-Dynamics Stealthy Attack and Its Impacts Analysis in DC Microgrids <b>2019</b> ,		2
313	Effect of high temperature annealing on the microstructure and thermal shock resistance of tungsten coatings grown by chemical vapor deposition. <i>Journal of Nuclear Materials</i> , <b>2019</b> , 513, 241-250	3.3	11
312	Differentially Private Maximum Consensus: Design, Analysis and Impossibility Result. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2019</b> , 6, 928-939	4.9	8
311	Mobility Modeling and Data-Driven Closed-Loop Prediction in Bike-Sharing Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2019</b> , 20, 4488-4499	6.1	19
310	Privacy Preserving Collaborative Computing: Heterogeneous Privacy Guarantee and Efficient Incentive Mechanism. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 221-233	4.8	19

309	Distributed Privacy-Aware Fast Selection Algorithm for Large-Scale Data. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2018</b> , 29, 365-376	3.7	5
308	Anti-Drone System with Multiple Surveillance Technologies: Architecture, Implementation, and Challenges. <i>IEEE Communications Magazine</i> , <b>2018</b> , 56, 68-74	9.1	123
307	Resilient Consensus with Mobile Detectors Against Malicious Attacks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2018</b> , 4, 60-69	2.8	27
306	Cross-linked liquid crystalline polybenzoxazines bearing cholesterol-based mesogen side groups. <i>Polymer</i> , <b>2018</b> , 145, 252-260	3.9	9
305	Mechanical properties and thermal stability of carbide dispersion strengthened CLF-1 steel. <i>Fusion Engineering and Design</i> , <b>2018</b> , 136, 442-446	1.7	3
304	Autonomous Vehicle Control Through the Dynamics and Controller Learning. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 1-1	6.8	8
303	An Online Algorithm for Data Collection by Multiple Sinks in Wireless-Sensor Networks. <i>IEEE Transactions on Control of Network Systems</i> , <b>2018</b> , 5, 93-104	4	21
302	Optimization of Antenna Array Deployment for Partial Discharge Localization in Substations by Hybrid Particle Swarm Optimization and Genetic Algorithm Method. <i>Energies</i> , <b>2018</b> , 11, 1813	3.1	5
301	First principles study of vacancy-solute complexes in vanadium. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 763, 861-866	5.7	14
300	Learning Effective Molecular Models from Experimental Observables. <i>Journal of Chemical Theory and Computation</i> , <b>2018</b> , 14, 3849-3858	6.4	26
299	Guest Editorial Special Issue on Theories and Applications of NB-IoT. <i>IEEE Internet of Things Journal</i> , <b>2018</b> , 5, 1435-1435	10.7	2
298	RWC: A Robust Wireless Charging System for Dockless Bike-Sharing <b>2018</b> ,		2
297	The circular RNA circ-ITCH suppresses ovarian carcinoma progression through targeting miR-145/RASA1 signaling. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 505, 222-228	3.4	60
296	Enabling Ultra-Dense UAV-Aided Network with Overlapped Spectrum Sharing: Potential and Approaches. <i>IEEE Network</i> , <b>2018</b> , 32, 85-91	11.4	37
295	CALM <b>2018</b> ,		23
294	An Efficient Incentive Mechanism for Device-to-Device Multicast Communication in Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2018</b> , 17, 7922-7935	9.6	24
293	Privacy-Preserving Consensus-Based Energy Management in Smart Grids. <i>IEEE Transactions on Signal Processing</i> , <b>2018</b> , 66, 6162-6176	4.8	24
292	REAP: An Efficient Incentive Mechanism for Reconciling Aggregation Accuracy and Individual Privacy in Crowdsensing. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2018</b> , 13, 2995-3007	8	49

291	Matminer: An open source toolkit for materials data mining. <i>Computational Materials Science</i> , <b>2018</b> , 152, 60-69	3.2	221
290	Towards Optimal Operation State Scheduling in RF-Powered Internet of Things <b>2018</b> ,		4
289	Efficient antenna allocation algorithms in millimetre wave wireless communications. <i>IET Communications</i> , <b>2018</b> , 12, 543-551	1.3	12
288	Learning-Based Jamming Attack against Low-Duty-Cycle Networks. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2017</b> , 14, 650-663	3.9	17
287	Consensus-Based Energy Management in Smart Grid With Transmission Losses and Directed Communication. <i>IEEE Transactions on Smart Grid</i> , <b>2017</b> , 8, 2049-2061	10.7	145
286	Robust Localization Using Range Measurements With Unknown and Bounded Errors. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 4065-4078	9.6	31
285	A Trust Management Based Framework for Fault-Tolerant Barrier Coverage in Sensor Networks <b>2017</b> ,		3
284	Study on the microstructure and properties evolution of CuCrZr/316LN-IG explosion bonding for ITER first wall components. <i>Fusion Engineering and Design</i> , <b>2017</b> , 124, 1135-1139	1.7	11
283	Promoting Device-to-Device Communication in Cellular Networks by Contract-based Incentive Mechanisms. <i>IEEE Network</i> , <b>2017</b> , 31, 14-20	11.4	22
282	An Exchange Market Approach to Mobile Crowdsensing: Pricing, Task Allocation, and Walrasian Equilibrium. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2017</b> , 35, 921-934	14.2	55
281	Promoting Cooperation by the Social Incentive Mechanism in Mobile Crowdsensing <b>2017</b> , 55, 86-92		110
280	Analysis of Consensus-Based Distributed Economic Dispatch Under Stealthy Attacks. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 5107-5117	8.9	75
279	Reply to Comments on Distributed Identification of the Most Critical Node for Average Consensus <i>IEEE Transactions on Signal Processing</i> , <b>2017</b> , 65, 1268-1271	4.8	
278	Diffusion and retention of hydrogen in vanadium in presence of Ti and Cr: First-principles investigations. <i>Journal of Nuclear Materials</i> , <b>2017</b> , 484, 276-282	3.3	10
277	Narrowband Internet of Things: Implementations and Applications. <i>IEEE Internet of Things Journal</i> , <b>2017</b> , 4, 2309-2314	10.7	183
276	Privacy-preserving consensus-based energy management in smart grid <b>2017</b> ,		8
275	Mechanical properties and thermal shock performance of W-Y2O3 composite prepared by high-energy-rate forging. <i>Physica Scripta</i> , <b>2017</b> , T170, 014044	2.6	29
274	MLE-based localization and performance analysis in probabilistic LOS/NLOS environment. <i>Neurocomputing</i> , <b>2017</b> , 270, 101-109	5.4	14

273	Optimal Sensor Data Scheduling for Remote Estimation Over a Time-Varying Channel. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 4611-4617	5.9	17
272	Effect of Ti/Cr additive on helium diffusion and segregation in dilute vanadium alloys. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2017</b> , 393, 130-134	1.2	8
271	Coexistence of LTE-LAA and Wi-Fi on 5 GHz With Corresponding Deployment Scenarios: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , <b>2017</b> , 19, 7-32	37.1	113
270	Near Optimal Data Gathering in Rechargeable Sensor Networks with a Mobile Sink. <i>IEEE Transactions on Mobile Computing</i> , <b>2017</b> , 16, 1718-1729	4.6	43
269	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 3392-3405	6.8	39
268	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 125-134	11.9	38
267	Actuator fault diagnosis of a Hexacopter: A nonlinear analytical redundancy approach <b>2017</b> ,		1
266	Q-Charge: A Quadcopter-Based Wireless Charging Platform for Large-Scale Sensing Applications. <i>IEEE Network</i> , <b>2017</b> , 31, 56-61	11.4	15
265	Differentially Private Maximum Consensus. <i>IFAC-PapersOnLine</i> , <b>2017</b> , 50, 9509-9514	0.7	4
264	Performance Analysis of Discrete-Time Average Consensus under Uniform Constant Time Delays. <i>IFAC-PapersOnLine</i> , <b>2017</b> , 50, 11725-11730	0.7	1
263	Highly thermal conductive benzoxazine-epoxy interpenetrating polymer networks containing liquid crystalline structures. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2017</b> , 55, 1813-1821	2.6	25
262	Data-Driven Utilization-Aware Trip Advisor for Bike-Sharing Systems <b>2017</b> ,		11
261	Hardware architecture and optimisation of FPP particle PHD filter for multi-target tracking in cyber-physical systems. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 1830-1837	2.5	4
260	Differential-privacy preserving optimal power flow in smart grid. <i>IET Generation, Transmission and Distribution</i> , <b>2017</b> , 11, 3853-3861	2.5	8
259	Collision-Aware Churn Estimation in Large-Scale Dynamic RFID Systems. <i>IEEE/ACM Transactions on Networking</i> , <b>2017</b> , 25, 392-405	3.8	5
258	. <i>IEEE Transactions on Mobile Computing</i> , <b>2016</b> , 15, 1699-1713	4.6	102
257	Group-Based Neighbor Discovery in Low-Duty-Cycle Mobile Sensor Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2016</b> , 15, 1996-2009	4.6	21
256	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 7415-7431	6.8	60

255	Data Gathering Optimization by Dynamic Sensing and Routing in Rechargeable Sensor Networks. <i>IEEE/ACM Transactions on Networking</i> , <b>2016</b> , 24, 1632-1646	3.8	198
254	Optimal DoS Attack Scheduling in Wireless Networked Control System. <i>IEEE Transactions on Control Systems Technology</i> , <b>2016</b> , 24, 843-852	4.8	341
253	Achieving Collision-Free Communication by Time of Charge in WRSN. <i>Mobile Networks and Applications</i> , <b>2016</b> , 21, 414-424	2.9	1
252	Influence of surface morphology and microstructure on performance of CVD tungsten coating under fusion transient thermal loads. <i>Applied Surface Science</i> , <b>2016</b> , 390, 167-174	6.7	20
251	Optimizing the throughput of millimeter wave wireless communications <b>2016</b> ,		1
250	Toward Optimal Orientation Scheduling for Full-View Coverage in Camera Sensor Networks <b>2016</b> ,		9
249	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2016</b> , 63, 6949-6961	8.9	21
248	Mobility Modeling and Prediction in Bike-Sharing Systems <b>2016</b> ,		92
247	Distributed Real-Time Pricing Control for Large-Scale Unidirectional V2G With Multiple Energy Suppliers. <i>IEEE Transactions on Industrial Informatics</i> , <b>2016</b> , 12, 1953-1962	11.9	33
246	Electromagnetic analyses and optimization for slit configuration of ITER blanket shield block. <i>Fusion Engineering and Design</i> , <b>2016</b> , 109-111, 1587-1591	1.7	
245	Robust Localization Using Time Difference of Arrivals. <i>IEEE Signal Processing Letters</i> , <b>2016</b> , 23, 1320-1324	3.2	24
244	ALRT-based energy detection using uniform noise distribution. <i>Wireless Communications and Mobile Computing</i> , <b>2016</b> , 16, 1009-1017	1.9	2
243	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 278-291	6.8	107
242	Energy Efficiency and Contact Opportunities Tradeoff in Opportunistic Mobile Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 3723-3734	6.8	34
241	Atomic investigation of alloying Cr, Ti, Y additions in a grain boundary of vanadium. <i>Journal of Nuclear Materials</i> , <b>2016</b> , 468, 147-152	3.3	12
240	Consensus Under Bounded Noise in Discrete Network Systems: An Algorithm With Fast Convergence and High Accuracy. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 2874-2884	10.2	24
239	Privacy and performance trade-off in cyber-physical systems. <i>IEEE Network</i> , <b>2016</b> , 30, 62-66	11.4	61
238	Exploiting a Mobile Node for Fast Discrete Time Average Consensus. <i>IEEE Transactions on Control Systems Technology</i> , <b>2016</b> , 24, 1993-2001	4.8	10



237	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 7448-7461	6.8	124
236	Maximizing Network Utility of Rechargeable Sensor Networks With Spatiotemporally Coupled Constraints. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2016</b> , 34, 1307-1319	14.2	65
235	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2016</b> , 63, 2424-2433	8.9	152
234	Ghost-in-ZigBee: Energy Depletion Attack on ZigBee-Based Wireless Networks. <i>IEEE Internet of Things Journal</i> , <b>2016</b> , 3, 816-829	10.7	69
233	Energy-Efficient Data Forwarding for State Estimation in Multi-Hop Wireless Sensor Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 1322-1327	5.9	26
232	Manufacturing and High Heat Flux Testing of Brazed Flat-Type W/CuCrZr Plasma Facing Components. <i>Plasma Science and Technology</i> , <b>2016</b> , 18, 184-189	1.5	4
231	Game among interdependent networks: The impact of rationality on system robustness. <i>Europhysics Letters</i> , <b>2016</b> , 116, 68002	1.6	1
230	A load balancing strategy based on data correlation in cloud computing <b>2016</b> ,		7
229	Optimal Estimation Algorithm Design under Event-based Sensor Data Scheduling. <i>IFAC-PapersOnLine</i> , <b>2016</b> , 49, 157-162	0.7	0
228	A Stealthy GPS Spoofing Strategy for Manipulating the Trajectory of an Unmanned Aerial Vehicle**This work is supported by National Science Foundation of China under Grant U1401253 and National Key R&D Program Under Grant 2016YFB0800204.. <i>IFAC-PapersOnLine</i> , <b>2016</b> , 49, 291-296	0.7	18
227	Localization algorithm design and performance analysis in probabilistic LOS/NLOS environment <b>2016</b> ,		9
226	. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 1080-1091	9.6	6
225	. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 5261-5273	9.6	26
224	Optimal Denial-of-Service Attack Scheduling With Energy Constraint. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 3023-3028	5.9	333
223	A Survey on Demand Response in Smart Grids: Mathematical Models and Approaches. <i>IEEE Transactions on Industrial Informatics</i> , <b>2015</b> , 11, 570-582	11.9	528
222	Jamming Attacks on Remote State Estimation in Cyber-Physical Systems: A Game-Theoretic Approach. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 2831-2836	5.9	256
221	Color changing Pickering emulsions stabilized by polysiloxane microspheres bearing phenolphthalein groups. <i>RSC Advances</i> , <b>2015</b> , 5, 71824-71829	3.7	10
220	iParking: An intelligent parking system for large parking lots <b>2015</b> ,		1

219	Incentive-Driven and Freshness-Aware Content Dissemination in Selfish Opportunistic Mobile Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 2493-2505	3.7	31
218	Experimental and numerical simulations of ELM-like transient damage behaviors to different grade tungsten and tungsten alloys. <i>Journal of Nuclear Materials</i> , <b>2015</b> , 463, 166-169	3.3	30
217	. <i>IEEE Transactions on Smart Grid</i> , <b>2015</b> , 6, 2856-2868	10.7	45
216	Distributed Identification of the Most Critical Node for Average Consensus. <i>IEEE Transactions on Signal Processing</i> , <b>2015</b> , 63, 4315-4328	4.8	18
215	Hybrid Traffic Speed Modeling and Prediction Using Real-World Data <b>2015</b> ,		10
214	Energy-efficient power allocation in cognitive sensor networks: a coupled constraint game approach. <i>Wireless Networks</i> , <b>2015</b> , 21, 1577-1589	2.5	4
213	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2015</b> , 64, 367-377	6.8	120
212	Distributed Real-Time Demand Response in Multiseller-Multibuyer Smart Distribution Grid. <i>IEEE Transactions on Power Systems</i> , <b>2015</b> , 30, 2364-2374	7	91
211	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 95-106	3.7	55
210	A QoS Guarantee Framework for Cloud Services Based on Bayesian Prediction <b>2015</b> ,		4
209	Social Discovery: Exploring the Correlation Among Three-Dimensional Social Relationships. <i>IEEE Transactions on Computational Social Systems</i> , <b>2015</b> , 2, 77-87	4.5	19
208	Effect of the ITER FW Manufacturing Process on the Microstructure and Properties of a CuCrZr Alloy. <i>Plasma Science and Technology</i> , <b>2015</b> , 17, 887-892	1.5	2
207	Multi-target localization in wireless sensor networks: a compressive sampling-based approach. <i>Wireless Communications and Mobile Computing</i> , <b>2015</b> , 15, 801-811	1.9	15
206	Fast Distributed Demand Response With Spatially and Temporally Coupled Constraints in Smart Grid. <i>IEEE Transactions on Industrial Informatics</i> , <b>2015</b> , 11, 1597-1606	11.9	66
205	. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 1320-1335	5.9	16
204	Event-based attack against remote state estimation <b>2015</b> ,		9
203	Multiple target tracking under occlusions using modified Joint Probabilistic Data Association <b>2015</b> ,		2
202	Privacy Preserving Maximum Consensus <b>2015</b> ,		20

201	LQG control under Denial-of-Service attacks: An experimental study <b>2015</b> ,		4
200	Energy-efficient barrier coverage in bistatic radar sensor networks <b>2015</b> ,		5
199	Optimal controller location in wireless networked control systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 301-319	3.6	9
198	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2015</b> , 45, 1-12	7.3	90
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196	. <i>IEEE Transactions on Signal Processing</i> , <b>2015</b> , 63, 1651-1663	4.8	41
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194	Energy-Efficient Trap Coverage in Sensor Networks. <i>SpringerBriefs in Computer Science</i> , <b>2014</b> , 35-67	0.4	
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186	An Online Sensor Power Schedule for Remote State Estimation With Communication Energy Constraint. <i>IEEE Transactions on Automatic Control</i> , <b>2014</b> , 59, 1942-1947	5.9	28
185	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 1055-1065	3.7	53
184	Dynamic sensor transmission power scheduling for remote state estimation. <i>Automatica</i> , <b>2014</b> , 50, 1235-1242	5.7	37

183	Load Scheduling With Price Uncertainty and Temporally-Coupled Constraints in Smart Grids. <i>IEEE Transactions on Power Systems</i> , <b>2014</b> , 29, 2823-2834	7	61
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177	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2014</b> , 63, 3935-3946	6.8	20
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175	Characterizing and Modeling Package Dynamics in Express Shipping Service Network <b>2014</b> ,		8
174	G-Loc: Indoor localization leveraging gradient-based fingerprint map <b>2014</b> ,		10
173	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2014</b> , 63, 4694-4703	6.8	8
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163	Optimal reader location for collision-free communication in WRSN <b>2014</b> ,		4
162	Dynamic sensor data scheduling for remote estimation over Gilbert-Elliot channel <b>2014</b> ,		4
161	Minimizing communication delay in RFID-based wireless rechargeable sensor networks <b>2014</b> ,		11
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156	Exploiting time of charge to achieve collision-free communications in WRSN <b>2014</b> ,		3
155	LearJam: An Energy-Efficient Learning-Based Jamming Attack against Low-Duty-Cycle Networks <b>2014</b> ,		3
154	Towards optimal barrier coverage in wireless sensor and actor networks <b>2014</b> ,		1
153	Optimal Denial-of-Service attack scheduling against linear quadratic Gaussian control <b>2014</b> ,		17
152	Toward optimal allocation of location dependent tasks in crowdsensing <b>2014</b> ,		165
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145	Jamming attack on Cyber-Physical Systems: A game-theoretic approach <b>2013</b> ,		19
144	Optimal DoS attack policy against remote state estimation <b>2013</b> ,		34
143	Smart temperature monitoring for data center energy efficiency <b>2013</b> ,		2
142	Minimizing charging delay in wireless rechargeable sensor networks <b>2013</b> ,		114
141	EMD: Energy-Efficient P2P Message Dissemination in Delay-Tolerant Wireless Sensor and Actor Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2013</b> , 31, 75-84	14.2	45
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127	Optimal residential load scheduling in smart grid: A comprehensive approach <b>2013</b> ,		9
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118	Network cooperative distributed pricing control system for large-scale optimal charging of PHEVs/PEVs <b>2013</b> ,		10
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113	ConSub: Incentive-Based Content Subscribing in Selfish Opportunistic Mobile Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2013</b> , 31, 669-679	14.2	62
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69	Coordinate-Free Distributed Algorithm for Boundary Detection in Wireless Sensor Networks <b>2011</b> ,		3
68	Distributed Saturation Degree Based TDMA Scheduling Algorithm for Target Tracking <b>2011</b> ,		3
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54	Preventing Traffic Explosion and Achieving Source Unobservability in Multi-Hop Wireless Networks Using Network Coding <b>2010</b> ,		6
53	Experiments on autonomous mobile sensor control for target tracking <b>2010</b> ,		2
52	A Novel Range Detection Method for 60GHz LFM CW Radar <b>2010</b> ,		2
51	Sensor scheduling with limited communication energy and bandwidth <b>2010</b> ,		2
50	A Survey of Fault Tolerance in Ad-Hoc Networks and Sensor Networks <b>2010</b> , 109-142		
49	Distributed interfering sensor scheduling scheme for target tracking <b>2010</b> ,		2
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6	Real-time performance evaluation of urgent aperiodic messages in FF communication and its improvement. <i>Computer Standards and Interfaces</i> , <b>2005</b> , 27, 105-115	3.5	7
5	Deployment Issues in Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 239-248	0.9	8
4	Experiments Study on a Dynamic Priority Scheduling for Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 613-622	0.9	1

3	Extended DBP for (m,k)-Firm Based QoS. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 357-365	0.9	2
2	Equivalent matrix DBP for streams with (m,k)-firm deadline <b>2004</b> ,		2
1	Switch real-time industrial Ethernet with mixed scheduling policy		1