Jiming Chen

List of Publications by Year
in descending order

408 papers	17,208 citations	19608 61 h-index	23472 111 g-index
417 all docs	417 docs citations	417 times ranked	13082 citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on Demand Response in Smart Grids: Mathematical Models and Approaches. IEEE Transactions on Industrial Informatics, 2015, 11, 570-582.	7.2	724
2	Energy Provisioning in Wireless Rechargeable Sensor Networks. IEEE Transactions on Mobile Computing, 2013, 12, 1931-1942.	3.9	506
3	Smart community: an internet of things application. , 2011, 49, 68-75.		480
4	Optimal DoS Attack Scheduling in Wireless Networked Control System. IEEE Transactions on Control Systems Technology, 2016, 24, 843-852.	3.2	473
5	Optimal Denial-of-Service Attack Scheduling With Energy Constraint. IEEE Transactions on Automatic Control, 2015, 60, 3023-3028.	3.6	465
6	Matminer: An open source toolkit for materials data mining. Computational Materials Science, 2018, 152, 60-69.	1.4	446
7	Jamming Attacks on Remote State Estimation in Cyber-Physical Systems: A Game-Theoretic Approach. IEEE Transactions on Automatic Control, 2015, 60, 2831-2836.	3.6	346
8	Demand Response Management With Multiple Utility Companies: A Two-Level Game Approach. IEEE Transactions on Smart Grid, 2014, 5, 722-731.	6.2	323
9	Energy-Efficient Cooperative Spectrum Sensing by Optimal Scheduling in Sensor-Aided Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 716-725.	3.9	283
10	Time Synchronization in WSNs: A Maximum-Value-Based Consensus Approach. IEEE Transactions on Automatic Control, 2014, 59, 660-675.	3.6	255
11	Distributed Collaborative Control for Industrial Automation With Wireless Sensor and Actuator Networks. IEEE Transactions on Industrial Electronics, 2010, 57, 4219-4230.	5.2	252
12	Narrowband Internet of Things: Implementations and Applications. IEEE Internet of Things Journal, 2017, 4, 2309-2314.	5.5	244
13	Anti-Drone System with Multiple Surveillance Technologies: Architecture, Implementation, and Challenges. IEEE Communications Magazine, 2018, 56, 68-74.	4.9	240
14	Data Gathering Optimization by Dynamic Sensing and Routing in Rechargeable Sensor Networks. IEEE/ACM Transactions on Networking, 2016, 24, 1632-1646.	2.6	227
15	Toward optimal allocation of location dependent tasks in crowdsensing. , 2014, , .		213
16	Consensus-Based Energy Management in Smart Grid With Transmission Losses and Directed Communication. IEEE Transactions on Smart Grid, 2017, 8, 2049-2061.	6.2	206
17	Gradient-Based Fingerprinting for Indoor Localization and Tracking. IEEE Transactions on Industrial Electronics, 2016, 63, 2424-2433.	5.2	202
18	Sensing-Performance Tradeoff in Cognitive Radio Enabled Smart Grid. IEEE Transactions on Smart Grid, 2013, 4, 302-310.	6.2	186

#	ARTICLE	IF	CITATIONS
19	Residential Energy Consumption Scheduling: A Coupled-Constraint Game Approach. IEEE Transactions on Smart Grid, 2014, 5, 1340-1350.	6.2	186
20	Coexistence of LTE-LAA and Wi-Fi on 5 GHz With Corresponding Deployment Scenarios: A Survey. IEEE Communications Surveys and Tutorials, 2017, 19, 7-32.	24.8	164
21	Sensor data scheduling for optimal state estimation with communication energy constraint. Automatica, 2011, 47, 1693-1698.	3.0	163
22	Optimal Charging in Wireless Rechargeable Sensor Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 278-291.	3.9	163
23	Development of an integrated wireless sensor network micro-environmental monitoring system. ISA Transactions, 2008, 47, 247-255.	3.1	159
24	Minimizing charging delay in wireless rechargeable sensor networks. , 2013, , .		150
25	Energy-Efficient Probabilistic Area Coverage in Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 367-377.	3.9	150
26	Design of a Scalable Hybrid MAC Protocol for Heterogeneous M2M Networks. IEEE Internet of Things Journal, 2014, 1, 99-111.	5.5	148
27	Building-Environment Control With Wireless Sensor and Actuator Networks: Centralized Versus Distributed. IEEE Transactions on Industrial Electronics, 2010, 57, 3596-3605.	5.2	146
28	Mobility and Intruder Prior Information Improving the Barrier Coverage of Sparse Sensor Networks. IEEE Transactions on Mobile Computing, 2014, 13, 1268-1282.	3.9	145
29	Full-View Area Coverage in Camera Sensor Networks: Dimension Reduction and Near-Optimal Solutions. IEEE Transactions on Vehicular Technology, 2016, 65, 7448-7461.	3.9	143
30	Promoting Cooperation by the Social Incentive Mechanism in Mobile Crowdsensing. , 2017, 55, 86-92.		140
31	Near-Optimal Velocity Control for Mobile Charging in Wireless Rechargeable Sensor Networks. IEEE Transactions on Mobile Computing, 2016, 15, 1699-1713.	3.9	138
32	Utility-based asynchronous flow control algorithm for wireless sensor networks. IEEE Journal on Selected Areas in Communications, 2010, 28, 1116-1126.	9.7	136
33	Last-Mile Navigation Using Smartphones. , 2015, , .		132
34	Mobility Modeling and Prediction in Bike-Sharing Systems. , 2016, , .		122
35	Cooperative and Active Sensing in Mobile Sensor Networks for Scalar Field Mapping. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 1-12.	5.9	118
36	Distributed Real-Time Demand Response in Multiseller–Multibuyer Smart Distribution Grid. IEEE Transactions on Power Systems, 2015, 30, 2364-2374.	4.6	113

#	Article	IF	Citations
37	An Online Optimization Approach for Control and Communication Codesign in Networked Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2013, 9, 439-450.	7.2	111
38	Novel Deployment Schemes for Mobile Sensor Networks. Sensors, 2007, 7, 2907-2919.	2.1	108
39	Analysis of Consensus-Based Distributed Economic Dispatch Under Stealthy Attacks. IEEE Transactions on Industrial Electronics, 2017, 64, 5107-5117.	5.2	107
40	Geocommunity-Based Broadcasting for Data Dissemination in Mobile Social Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 734-743.	4.0	100
41	Optimal Periodic Sensor Scheduling With Limited Resources. IEEE Transactions on Automatic Control, 2011, 56, 2190-2195.	3.6	99
42	Ghost-in-ZigBee: Energy Depletion Attack on ZigBee-Based Wireless Networks. IEEE Internet of Things Journal, 2016, 3, 816-829.	5.5	99
43	Cross-Layer Optimization of Correlated Data Gathering in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2012, 11, 1678-1691.	3.9	98
44	Engineering a Distributed Infrastructure for Large-Scale Cost-Effective Content Dissemination over Urban Vehicular Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 1419-1435.	3.9	98
45	SATS: Secure Average-Consensus-Based Time Synchronization in Wireless Sensor Networks. IEEE Transactions on Signal Processing, 2013, 61, 6387-6400.	3.2	94
46	Panorama Phylogenetic Diversity and Distribution of Type A Influenza Virus. PLoS ONE, 2009, 4, e5022.	1.1	88
47	Privacy and performance trade-off in cyber-physical systems. IEEE Network, 2016, 30, 62-66.	4.9	88
48	A unified drugâ€"target interaction prediction framework based on knowledge graph and recommendation system. Nature Communications, 2021, 12, 6775.	5.8	86
49	<italic>ESync</italic>: Energy Synchronized Mobile Charging in Rechargeable Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 7415-7431.	3.9	82
50	Analysis of Moving Target Defense Against False Data Injection Attacks on Power Grid. IEEE Transactions on Information Forensics and Security, 2020, 15, 2320-2335.	4.5	82
51	Energy provisioning in wireless rechargeable sensor networks. , 2011, , .		81
52	Multi-Channel Assignment in Wireless Sensor Networks: A Game Theoretic Approach. , 2010, , .		78
53	ConSub: Incentive-Based Content Subscribing in Selfish Opportunistic Mobile Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 669-679.	9.7	78
54	The circular RNA circ-ITCH suppresses ovarian carcinoma progression through targeting miR-145/RASA1 signaling. Biochemical and Biophysical Research Communications, 2018, 505, 222-228.	1.0	78

#	ARTICLE	IF	CITATIONS
55	Game Theoretical Approach for Channel Allocation in Wireless Sensor and Actuator Networks. IEEE Transactions on Automatic Control, 2011, 56, 2332-2344.	3.6	77
56	Maximizing Network Utility of Rechargeable Sensor Networks With Spatiotemporally Coupled Constraints. IEEE Journal on Selected Areas in Communications, 2016, 34, 1307-1319.	9.7	77
57	Optimal Scheduling for Quality of Monitoring in Wireless Rechargeable Sensor Networks. IEEE Transactions on Wireless Communications, 2013, 12, 3072-3084.	6.1	76
58	Fast Distributed Demand Response With Spatially and Temporally Coupled Constraints in Smart Grid. IEEE Transactions on Industrial Informatics, 2015, 11, 1597-1606.	7.2	76
59	Curve-Based Deployment for Barrier Coverage in Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2014, 13, 724-735.	6.1	75
60	Feedback-Based Clock Synchronization in Wireless Sensor Networks: A Control Theoretic Approach. IEEE Transactions on Vehicular Technology, 2010, 59, 2963-2973.	3.9	74
61	Load Scheduling With Price Uncertainty and Temporally-Coupled Constraints in Smart Grids. IEEE Transactions on Power Systems, 2014, 29, 2823-2834.	4.6	73
62	Automated small-cell deployment for heterogeneous cellular networks. , 2013, 51, 46-53.		72
63	Dynamic channel assignment for wireless sensor networks: A regret matching based approach. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 95-106.	4.0	71
64	DRAIM: A Novel Delay-Constraint and Reverse Auction-Based Incentive Mechanism for WiFi Offloading. IEEE Journal on Selected Areas in Communications, 2020, 38, 711-722.	9.7	71
65	Distributed Sampling Rate Control for Rechargeable Sensor Nodes with Limited Battery Capacity. IEEE Transactions on Wireless Communications, 2013, 12, 3096-3106.	6.1	69
66	Energy-Efficient Coverage Based on Probabilistic Sensing Model in Wireless Sensor Networks. IEEE Communications Letters, 2010, 14, 833-835.	2.5	68
67	An Exchange Market Approach to Mobile Crowdsensing: Pricing, Task Allocation, and Walrasian Equilibrium. IEEE Journal on Selected Areas in Communications, 2017, 35, 921-934.	9.7	67
68	Effect of N on the precipitation behaviours of the reduced activation ferritic/martensitic steel CLF-1 after thermal ageing. Journal of Nuclear Materials, 2013, 442, S9-S12.	1.3	64
69	Secure Time Synchronization in WirelessSensor Networks: A MaximumConsensus-Based Approach. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1055-1065.	4.0	63
70	Optimal Coordination of Mobile Sensors for Target Tracking Under Additive and Multiplicative Noises. IEEE Transactions on Industrial Electronics, 2014, 61, 3459-3468.	5.2	63
71	Energy-Efficient Intrusion Detection with a Barrier of Probabilistic Sensors: Global and Local. IEEE Transactions on Wireless Communications, 2013, 12, 4742-4755.	6.1	62
72	Privacy-Preserving Consensus-Based Energy Management in Smart Grids. IEEE Transactions on Signal Processing, 2018, 66, 6162-6176.	3.2	61

#	Article	IF	Citations
73	REAP: An Efficient Incentive Mechanism for Reconciling Aggregation Accuracy and Individual Privacy in Crowdsensing. IEEE Transactions on Information Forensics and Security, 2018, 13, 2995-3007.	4.5	61
74	A tensor-based framework for studying eigenvector multicentrality in multilayer networks. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15407-15413.	3.3	61
75	Chinese and Global Distribution of H9 Subtype Avian Influenza Viruses. PLoS ONE, 2012, 7, e52671.	1.1	60
76	On Optimal Information Capture by Energy-Constrained Mobile Sensors. IEEE Transactions on Vehicular Technology, 2010, 59, 2472-2484.	3.9	59
77	Network Coding Based Privacy Preservation against Traffic Analysis in Multi-Hop Wireless Networks. IEEE Transactions on Wireless Communications, 2011, 10, 834-843.	6.1	59
78	Multiperiod Scheduling for Wireless Sensor Networks: A Distributed Consensus Approach. IEEE Transactions on Signal Processing, 2015, 63, 1651-1663.	3.2	59
79	Diverse Grouping-Based Aggregation Protocol With Error Detection for Smart Grid Communications. IEEE Transactions on Smart Grid, 2015, 6, 2856-2868.	6.2	59
80	Cost-effective barrier coverage by mobile sensor networks. , 2012, , .		58
81	Cognitive Radio Based State Estimation in Cyber-Physical Systems. IEEE Journal on Selected Areas in Communications, 2014, 32, 489-502.	9.7	56
82	Coverage and Connectivity in Duty-Cycled Wireless Sensor Networks for Event Monitoring. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 475-482.	4.0	55
83	Distributed sensor activation algorithm for target tracking withÂbinary sensor networks. Cluster Computing, 2011, 14, 55-64.	3.5	54
84	Temperature-Aware Routing for Telemedicine Applications in Embedded Biomedical Sensor Networks. Eurasip Journal on Wireless Communications and Networking, 2007, 2008, .	1.5	53
85	Near Optimal Data Gathering in Rechargeable Sensor Networks with a Mobile Sink. IEEE Transactions on Mobile Computing, 2017, 16, 1718-1729.	3.9	53
86	EMD: Energy-Efficient P2P Message Dissemination in Delay-Tolerant Wireless Sensor and Actor Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 75-84.	9.7	52
87	Resilient Consensus with Mobile Detectors Against Malicious Attacks. IEEE Transactions on Signal and Information Processing Over Networks, 2018, 4, 60-69.	1.6	52
88	Collaborative Sensing in Internet of Things: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2022, 24, 1435-1474.	24.8	52
89	Trapping Mobile Targets in Wireless Sensor Networks: An Energy-Efficient Perspective. IEEE Transactions on Vehicular Technology, 2013, 62, 3287-3300.	3.9	51
90	Study of consensus-based time synchronization in wireless sensor networks. ISA Transactions, 2014, 53, 347-357.	3.1	51

#	ARTICLE	IF	CITATIONS
91	Grid Scan: A Simple and Effective Approach for Coverage Issue in Wireless Sensor Networks. , 2006, , .		50
92	A Distributed TDMA Scheduling Algorithm for Target Tracking in Ultrasonic Sensor Networks. IEEE Transactions on Industrial Electronics, 2013, 60, 3836-3845.	5.2	50
93	Near-Optimal Allocation Algorithms for Location-Dependent Tasks in Crowdsensing. IEEE Transactions on Vehicular Technology, 2017, 66, 3392-3405.	3.9	50
94	Joint Energy Replenishment and Operation Scheduling in Wireless Rechargeable Sensor Networks. IEEE Transactions on Industrial Informatics, 2017, 13, 125-134.	7.2	50
95	LQER: A Link Quality Estimation based Routing for Wireless Sensor Networks. Sensors, 2008, 8, 1025-1038.	2.1	48
96	Energy-efficient cooperative spectrum sensing in sensor-aided cognitive radio networks. IEEE Wireless Communications, 2012, 19, 100-105.	6.6	48
97	A scalable Hybrid MAC protocol for massive M2M networks. , 2013, , .		48
98	ESync. , 2014, , .		48
99	CALM. , 2018, , .		48
100	Genotyping of Newcastle Disease Viruses Isolated from 2002 to 2004 in China. Annals of the New York Academy of Sciences, 2006, 1081, 228-239.	1.8	47
101	Dynamic sensor transmission power scheduling for remote state estimation. Automatica, 2014, 50, 1235-1242.	3.0	47
102	Enabling Ultra-Dense UAV-Aided Network with Overlapped Spectrum Sharing: Potential and Approaches. IEEE Network, 2018, 32, 85-91.	4.9	47
103	Semi-supervised Laplacian regularized least squares algorithm for localization in wireless sensor networks. Computer Networks, 2011, 55, 2481-2491.	3.2	46
104	Optimal DoS attack policy against remote state estimation. , 2013, , .		46
105	Distributed Real-Time Pricing Control for Large-Scale Unidirectional V2G With Multiple Energy Suppliers. IEEE Transactions on Industrial Informatics, 2016, 12, 1953-1962.	7.2	46
106	Energy-Efficient Capture of Stochastic Events under Periodic Network Coverage and Coordinated Sleep. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 1090-1102.	4.0	45
107	WizSync: Exploiting Wi-Fi Infrastructure for Clock Synchronization in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2014, 13, 1379-1392.	3.9	45
108	A chaosâ€based iterated multistep predictor for blast furnace ironmaking process. AICHE Journal, 2009, 55, 947-962.	1.8	44

#	ARTICLE	IF	CITATIONS
109	DelQue: A Socially Aware Delegation Query Scheme in Delay-Tolerant Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 2181-2193.	3.9	44
110	Guest Editorial Special Issue on Wireless Sensor and Actuator Networks. IEEE Transactions on Automatic Control, 2011, 56, 2244-2246.	3.6	44
111	Robust Localization Using Range Measurements With Unknown and Bounded Errors. IEEE Transactions on Wireless Communications, 2017, 16, 4065-4078.	6.1	44
112	Energy-efficient intrusion detection with a barrier of probabilistic sensors. , 2012, , .		43
113	Thermal shock performance of CVD tungsten coating at elevated temperatures. Journal of Nuclear Materials, 2014, 455, 371-375.	1.3	43
114	Optimal flow control for utility-lifetime tradeoff in wireless sensor networks. Computer Networks, 2009, 53, 3031-3041.	3.2	42
115	Improving thermal conductivity of epoxy resin by filling boron nitride nanomaterials: A molecular dynamics investigation. Computational Materials Science, 2019, 164, 108-115.	1.4	41
116	Profit Maximization for Plug-In Electric Taxi With Uncertain Future Electricity Prices. IEEE Transactions on Power Systems, 2014, 29, 3058-3068.	4.6	40
117	Mechanical properties and thermal shock performance of W-Y$_2$O$_3$ composite prepared by high-energy-rate forging. Physica Scripta, 2017, T170, 014044.	1.2	40
118	An Analytical MAC Model for IEEE 802.15.4 Enabled Wireless Networks With Periodic Traffic. IEEE Transactions on Wireless Communications, 2015, 14, 5261-5273.	6.1	39
119	An Online Sensor Power Schedule for Remote State Estimation With Communication Energy Constraint. IEEE Transactions on Automatic Control, 2014, 59, 1942-1947.	3.6	38
120	Experimental and numerical simulations of ELM-like transient damage behaviors to different grade tungsten and tungsten alloys. Journal of Nuclear Materials, 2015, 463, 166-169.	1.3	38
121	Energy Efficiency and Contact Opportunities Tradeoff in Opportunistic Mobile Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 3723-3734.	3.9	38
122	Technical Issues for the Fabrication of a CN-HCCB-TBM Based on RAFM Steel CLF-1. Plasma Science and Technology, 2013, 15, 133-136.	0.7	37
123	Incentive-Driven and Freshness-Aware Content Dissemination in Selfish Opportunistic Mobile Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2493-2505.	4.0	37
124	Energy-Efficient Data Forwarding for State Estimation in Multi-Hop Wireless Sensor Networks. IEEE Transactions on Automatic Control, 2016, 61, 1322-1327.	3.6	37
125	Energy-efficient capture of stochastic events by global- and local-periodic network coverage. , 2009, , .		36
126	Optimal Periodic Sensor Schedule for Steady-State Estimation Under Average Transmission Energy Constraint. IEEE Transactions on Automatic Control, 2013, 58, 3265-3271.	3.6	36

#	Article	IF	Citations
127	Consensus Under Bounded Noise in Discrete Network Systems: An Algorithm With Fast Convergence and High Accuracy. IEEE Transactions on Cybernetics, 2016, 46, 2874-2884.	6.2	36
128	Stealthy Actuator Signal Attacks in Stochastic Control Systems: Performance and Limitations. IEEE Transactions on Automatic Control, 2020, 65, 3927-3934.	3.6	35
129	Calculation of Lightning Flashover Rates of Overhead Distribution Lines Considering Direct and Indirect Strokes. IEEE Transactions on Electromagnetic Compatibility, 2014, 56, 668-674.	1.4	34
130	An Efficient Incentive Mechanism for Device-to-Device Multicast Communication in Cellular Networks. IEEE Transactions on Wireless Communications, 2018, 17, 7922-7935.	6.1	34
131	Learning Effective Molecular Models from Experimental Observables. Journal of Chemical Theory and Computation, 2018, 14, 3849-3858.	2.3	34
132	On Exploiting Contact Patterns for Data Forwarding in Duty-Cycle Opportunistic Mobile Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 4629-4642.	3.9	33
133	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.. IFAC-PapersOnLine, 2016, 49, 291-296.	0.5	33
134	Optimal Charging Strategy for Plug-In Electric Taxi With Time-Varying Profits. IEEE Transactions on Smart Grid, 2014, 5, 2787-2797.	6.2	32
135	Group-Based Neighbor Discovery in Low-Duty-Cycle Mobile Sensor Networks. IEEE Transactions on Mobile Computing, 2016, 15, 1996-2009.	3.9	32
136	Highly thermal conductive benzoxazineâ€epoxy interpenetrating polymer networks containing liquid crystalline structures. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 1813-1821.	2.4	32
137	An Online Algorithm for Data Collection by Multiple Sinks in Wireless-Sensor Networks. IEEE Transactions on Control of Network Systems, 2018, 5, 93-104.	2.4	32
138	Privacy Preserving Collaborative Computing: Heterogeneous Privacy Guarantee and Efficient Incentive Mechanism. IEEE Transactions on Signal Processing, 2019, 67, 221-233.	3.2	32
139	Maintaining Quality of Sensing with Actors in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 1657-1667.	4.0	31
140	Promoting Device-to-Device Communication in Cellular Networks by Contract-based Incentive Mechanisms. IEEE Network, 2017, 31, 14-20.	4.9	31
141	Optimal Sensor Data Scheduling for Remote Estimation Over a Time-Varying Channel. IEEE Transactions on Automatic Control, 2017, 62, 4611-4617.	3.6	31
142	Converter-Based Moving Target Defense Against Deception Attacks in DC Microgrids. IEEE Transactions on Smart Grid, 2022, 13, 3984-3996.	6.2	31
143	Dynamic Authentication with Sensory Information for the Access Control Systems. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 427-436.	4.0	30
144	Privacy Preserving Maximum Consensus. , 2015, , .		30

#	Article	IF	Citations
145	Event-Based State Estimation: Optimal Algorithm With Generalized Closed Skew Normal Distribution. IEEE Transactions on Automatic Control, 2019, 64, 321-328.	3.6	30
146	Mobility Modeling and Data-Driven Closed-Loop Prediction in Bike-Sharing Systems. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 4488-4499.	4.7	30
147	Continuous Drug Infusion for Diabetes Therapy: A Closed-Loop Control System Design. Eurasip Journal on Wireless Communications and Networking, 2007, 2008, .	1.5	29
148	On Optimal Scheduling in Wireless Rechargeable Sensor Networks for Stochastic Event Capture. , 2011, , .		29
149	Data-Driven Modeling Based on Volterra Series for Multidimensional Blast Furnace System. IEEE Transactions on Neural Networks, 2011, 22, 2272-2283.	4.8	29
150	Finite Horizon LQR Control With Limited Controller-System Communication. IEEE Transactions on Automatic Control, 2013, 58, 1835-1841.	3.6	29
151	Robust Localization Using Time Difference of Arrivals. IEEE Signal Processing Letters, 2016, 23, 1320-1324.	2.1	29
152	Jamming attack on Cyber-Physical Systems: A game-theoretic approach. , 2013, , .		28
153	Tungsten joining with copper alloy and its high heat load performance. Journal of Nuclear Materials, 2014, 455, 382-386.	1.3	28
154	An Event-Based Stealthy Attack on Remote State Estimation. IEEE Transactions on Automatic Control, 2020, 65, 4348-4355.	3.6	28
155	Privacy-Preserving Distributed Machine Learning via Local Randomization and ADMM Perturbation. IEEE Transactions on Signal Processing, 2020, 68, 4226-4241.	3.2	28
156	A Low-Power Memory-Efficient Resampling Architecture for Particle Filters. Circuits, Systems, and Signal Processing, 2010, 29, 155-167.	1.2	27
157	Detecting Faulty Nodes with Data Errors for Wireless Sensor Networks. ACM Transactions on Sensor Networks, 2014, 10, 1-27.	2.3	27
158	The Deployment Algorithms in Wireless Sensor Net Works: A Survey. Information Technology Journal, 2009, 8, 293-301.	0.3	27
159	Multipath Routing and Max-Min Fair QoS Provisioning under Interference Constraints in Wireless Multihop Networks. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 716-728.	4.0	26
160	Measuring the performance of movement€assisted certificate revocation list distribution in VANET. Wireless Communications and Mobile Computing, 2011, 11, 888-898.	0.8	26
161	Time synchronization in WSNs: A maximum value based consensus approach. , 2011, , .		26
162	Barrier coverage in wireless sensor networks: From lined-based to curve-based deployment. , 2013, , .		25

#	ARTICLE	IF	CITATIONS
163	On energy-efficient trap coverage in wireless sensor networks. ACM Transactions on Sensor Networks, 2013, 10, 1-29.	2.3	25
164	Multi-Period Mean-Variance Portfolio Optimization With High-Order Coupled Asset Dynamics. IEEE Transactions on Automatic Control, 2015, 60, 1320-1335.	3.6	25
165	Influence of surface morphology and microstructure on performance of CVD tungsten coating under fusion transient thermal loads. Applied Surface Science, 2016, 390, 167-174.	3.1	25
166	Energy-Efficient Target Tracking by Mobile Sensors With Limited Sensing Range. IEEE Transactions on Industrial Electronics, 2016, 63, 6949-6961.	5.2	25
167	Q-Charge: A Quadcopter-Based Wireless Charging Platform for Large-Scale Sensing Applications. IEEE Network, 2017, 31, 56-61.	4.9	25
168	Social Discovery: Exploring the Correlation Among Three-Dimensional Social Relationships. IEEE Transactions on Computational Social Systems, 2015, 2, 77-87.	3.2	24
169	Distributed Identification of the Most Critical Node for Average Consensus. IEEE Transactions on Signal Processing, 2015, 63, 4315-4328.	3.2	24
170	Assessing the Predictability for Blast Furnace System through Nonlinear Time Series Analysis. Industrial & Engineering Chemistry Research, 2008, 47, 3037-3045.	1.8	22
171	Optimal Denial-of-Service attack scheduling against linear quadratic Gaussian control. , 2014, , .		22
172	Time Synchronization for Random Mobile Sensor Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 3935-3946.	3.9	22
173	Interfacial Characteristics of Boron Nitride Nanosheet/Epoxy Resin Nanocomposites: A Molecular Dynamics Simulation. Applied Sciences (Switzerland), 2019, 9, 2832.	1.3	22
174	NetTopo: Beyond Simulator and Visualizer for Wireless Sensor Networks. , 2008, , .		21
175	Transmission power adjustment of wireless sensor networks using fuzzy control algorithm. Wireless Communications and Mobile Computing, 2009, 9, 805-818.	0.8	21
176	An optimal control method for applications using wireless sensor/actuator networks. Computers and Electrical Engineering, 2009, 35, 748-756.	3.0	21
177	Variation in the Analysis of Positively Selected Sites Using Nonsynonymous/Synonymous Rate Ratios: An Example Using Influenza Virus. PLoS ONE, 2011, 6, e19996.	1.1	21
178	Epidemiological and risk analysis of the H7N9 subtype influenza outbreak in China at its early stage. Science Bulletin, 2013, 58, 3183-3187.	1.7	21
179	Distributed Active Sensor Scheduling for Target Tracking in Ultrasonic Sensor Networks. Mobile Networks and Applications, 2012, 17, 582-593.	2.2	20
180	Vacuum hot-pressed beryllium and TiC dispersion strengthened tungsten alloy developments for ITER and future fusion reactors. Journal of Nuclear Materials, 2013, 442, S309-S312.	1.3	20

#	Article	IF	Citations
181	Dynamic Pricing for Privacy-Preserving Mobile Crowdsensing: A Reinforcement Learning Approach. IEEE Network, 2019, 33, 160-165.	4.9	20
182	CEDAR: A Cost-Effective Crowdsensing System for Detecting and Localizing Drones. IEEE Transactions on Mobile Computing, 2020, 19, 2028-2043.	3.9	20
183	Secure State Estimation Using Hybrid Homomorphic Encryption Scheme. IEEE Transactions on Control Systems Technology, 2021, 29, 1704-1720.	3.2	20
184	MLE-based localization and performance analysis in probabilistic LOS/NLOS environment. Neurocomputing, 2017, 270, 101-109.	3.5	19
185	Cross-linked liquid crystalline polybenzoxazines bearing cholesterol-based mesogen side groups. Polymer, 2018, 145, 252-260.	1.8	19
186	First principles study of vacancy-solute complexes in vanadium. Journal of Alloys and Compounds, 2018, 763, 861-866.	2.8	19
187	Privacy-Preserving Database Assisted Spectrum Access for Industrial Internet of Things: A Distributed Learning Approach. IEEE Transactions on Industrial Electronics, 2020, 67, 7094-7103.	5.2	19
188	On Hiddenness of Moving Target Defense against False Data Injection Attacks on Power Grid. ACM Transactions on Cyber-Physical Systems, 2020, 4, 1-29.	1.9	19
189	TOC: Localizing wireless rechargeable sensors with time of charge. , 2014, , .		18
190	Learning-Based Jamming Attack against Low-Duty-Cycle Networks. IEEE Transactions on Dependable and Secure Computing, 2017, 14, 650-663.	3.7	18
191	Adaptive Switching Spatial-Temporal Fusion Detection for Remote Flying Drones. IEEE Transactions on Vehicular Technology, 2020, 69, 6964-6976.	3.9	18
192	Networked Ultrasonic Sensors for Target Tracking: An Experimental Study. , 2009, , .		17
193	POSE: Design of Hardware-Friendly Particle-Based Observation Selection PHD Filter. IEEE Transactions on Industrial Electronics, 2014, 61, 1944-1956.	5.2	17
194	Multi-target localization in wireless sensor networks: a compressive sampling-based approach. Wireless Communications and Mobile Computing, 2015, 15, 801-811.	0.8	17
195	Generating Adversarial Examples Against Machine Learning-Based Intrusion Detector in Industrial Control Systems. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 1810-1825.	3.7	17
196	Network cooperative distributed pricing control system for large-scale optimal charging of PHEVs/PEVs. , 2013, , .		16
197	Differentially Private Maximum Consensus: Design, Analysis and Impossibility Result. IEEE Transactions on Network Science and Engineering, 2019, 6, 928-939.	4.1	16
198	Road-Map Aided GM-PHD Filter for Multivehicle Tracking With Automotive Radar. IEEE Transactions on Industrial Informatics, 2022, 18, 97-108.	7.2	16

#	ARTICLE	IF	CITATIONS
199	A Survey of Avian Influenza in Tree Sparrows in China in 2011. PLoS ONE, 2012, 7, e33092.	1.1	15
200	Toward Optimal Orientation Scheduling for Full-View Coverage in Camera Sensor Networks. , 2016, , .		15
201	Efficient antenna allocation algorithms in millimetre wave wireless communications. IET Communications, 2018, 12, 543-551.	1.5	15
202	Utilization-Aware Trip Advisor in Bike-Sharing Systems Based on User Behavior Analysis. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1822-1835.	4.0	15
203	Effect of high temperature annealing on the microstructure and thermal shock resistance of tungsten coatings grown by chemical vapor deposition. Journal of Nuclear Materials, 2019, 513, 241-250.	1.3	15
204	Particle Filter-Based Synchronization of Chaotic Colpitts Circuits Combating AWGN Channel Distortion. Circuits, Systems, and Signal Processing, 2008, 27, 833-845.	1.2	14
205	G-Loc: Indoor localization leveraging gradient-based fingerprint map. , 2014, , .		14
206	A load balancing strategy based on data correlation in cloud computing. , 2016, , .		14
207	Atomic investigation of alloying Cr, Ti, Y additions in a grain boundary of vanadium. Journal of Nuclear Materials, 2016, 468, 147-152.	1.3	14
208	Study on the microstructure and properties evolution of CuCrZr/316LN-IG explosion bonding for ITER first wall components. Fusion Engineering and Design, 2017, 124, 1135-1139.	1.0	14
209	Data-Driven Utilization-Aware Trip Advisor for Bike-Sharing Systems. , 2017, , .		14
210	Deployment Issues in Wireless Sensor Networks. Lecture Notes in Computer Science, 2005, , 239-248.	1.0	13
211	Increased substitution rate in H5N1 avian influenza viruses during mass vaccination of poultry. Science Bulletin, 2012, 57, 2419-2424.	1.7	13
212	Join driving: A smart phone-based driving behavior evaluation system. , 2013, , .		13
213	Minimizing communication delay in RFID-based wireless rechargeable sensor networks. , 2014, , .		13
214	Dynamic Activation Policies for Event Capture in Rechargeable Sensor Network. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 3124-3134.	4.0	13
215	TERP: Time-Event-Dependent Route Planning in Stochastic Multimodal Transportation Networks With Bike Sharing System. IEEE Internet of Things Journal, 2019, 6, 4991-5000.	5.5	13
216	Efficient Fault-Tolerant Information Barrier Coverage in Internet of Things. IEEE Transactions on Wireless Communications, 2021, 20, 7963-7976.	6.1	13

#	Article	IF	Citations
217	Sensory-data-enhanced authentication for RFID-based access control systems. , 2012, , .		12
218	Dynamic Activation Policies for Event Capture with Rechargeable Sensors. , 2012, , .		12
219	Optimal residential load scheduling in smart grid: A comprehensive approach. , 2013, , .		12
220	Exploiting a Mobile Node for Fast Discrete Time Average Consensus. IEEE Transactions on Control Systems Technology, 2016, 24, 1993-2001.	3.2	12
221	Differentialâ€privacy preserving optimal power flow in smart grid. IET Generation, Transmission and Distribution, 2017, 11, 3853-3861.	1.4	12
222	Orientation Optimization for Full-View Coverage Using Rotatable Camera Sensors. IEEE Internet of Things Journal, 2019, 6, 10508-10518.	5.5	12
223	Adaptive Ramp Metering Control for Urban Freeway Using Large-Scale Data. IEEE Transactions on Vehicular Technology, 2019, 68, 9507-9518.	3.9	12
224	Chinaâ€™s technological achievements on ITER enhanced heat flux first wall in the pre-PA qualification. Fusion Engineering and Design, 2019, 146, 2045-2048.	1.0	12
225	LTrack: A LoRa-Based Indoor Tracking System for Mobile Robots. IEEE Transactions on Vehicular Technology, 2022, 71, 4264-4276.	3.9	12
226	A SYBR Green I real-time RT-PCR assay for detection and differentiation of influenza A(H1N1) virus in swine populations. Journal of Virological Methods, 2009, 162, 184-187.	1.0	11
227	Experimental analysis of user mobility pattern in mobile social networks. , 2011, , .		11
228	Cooperative flocking and learning in multi-robot systems for predator avoidance. , 2013, , .		11
229	Optimal controller location in wireless networked control systems. International Journal of Robust and Nonlinear Control, 2015, 25, 301-319.	2.1	11
230	Novel <inline-formula> <tex-math notation="TeX">$\{m S}alpha\{m S} $</tex-math></inline-formula> PDF Approximations and Their Applications in Wireless Signal Detection. IEEE Transactions on Wireless Communications, 2015, 14, 1080-1091.	6.1	11
231	Color changing Pickering emulsions stabilized by polysiloxane microspheres bearing phenolphthalein groups. RSC Advances, 2015, 5, 71824-71829.	1.7	11
232	Hybrid Traffic Speed Modeling and Prediction Using Real-World Data. , 2015, , .		11
233	Diffusion and retention of hydrogen in vanadium in presence of Ti and Cr: First-principles investigations. Journal of Nuclear Materials, 2017, 484, 276-282.	1.3	11
234	Differentially Private Maximum Consensus. IFAC-PapersOnLine, 2017, 50, 9509-9514.	0.5	11

#	Article	IF	Citations
235	Real-time performance evaluation of urgent aperiodic messages in FF communication and its improvement. Computer Standards and Interfaces, 2005, 27, 105-115.	3.8	10
236	A Stochastic Multiobjective Optimization Framework for Wireless Sensor Networks. Eurasip Journal on Wireless Communications and Networking, 2010, 2010, .	1.5	10
237	Preventing Traffic Explosion and Achieving Source Unobservability in Multi-Hop Wireless Networks Using Network Coding. , 2010, , .		10
238	Clock synchronization for random mobile sensor networks. , 2012, , .		10
239	Radio Resource Allocation in Buildings with Dense Femtocell Deployment. , 2012, , .		10
240	A Wormhole Attack Resistant Neighbor Discovery Scheme With RDMA Protocol for 60 GHz Directional Network. IEEE Transactions on Emerging Topics in Computing, 2013, 1, 341-352.	3.2	10
241	Adaptive Working Schedule for Duty-Cycle Opportunistic Mobile Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 4694-4703.	3.9	10
242	Event-based attack against remote state estimation. , 2015, , .		10
243	Manufacturing and High Heat Flux Testing of Brazed Flat-Type W/CuCrZr Plasma Facing Components. Plasma Science and Technology, 2016, 18, 184-189.	0.7	10
244	Localization algorithm design and performance analysis in probabilistic LOS/NLOS environment. , 2016, , .		10
245	Effect of Ti/Cr additive on helium diffusion and segregation in dilute vanadium alloys. Nuclear Instruments & Methods in Physics Research B, 2017, 393, 130-134.	0.6	10
246	Privacy-preserving consensus-based energy management in smart grid. , 2017, , .		10
247	Autonomous Vehicle Control Through the Dynamics and Controller Learning. IEEE Transactions on Vehicular Technology, 2018, , 1-1.	3.9	10
248	Dual decomposition method for optimal and fair congestion control in Ad Hoc networks: Algorithm, implementation and evaluation. Journal of Parallel and Distributed Computing, 2008, 68, 997-1007.	2.7	9
249	Distributed Collaborative Control Using Wireless Sensor and Actuator Networks. , 2008, , .		9
250	Maximum Throughput of IEEE 802.15.4 Enabled Wireless Sensor Networks. , 2010, , .		9
251	Stochastic Steepest Descent Optimization of Multiple-Objective Mobile Sensor Coverage. IEEE Transactions on Vehicular Technology, 2012, 61, 1810-1822.	3.9	9
252	Incentive-Driven and Freshness-Aware Content Dissemination in Selfish Opportunistic Mobile Networks. , 2013, , .		9

#	Article	IF	Citations
253	Characterizing and Modeling Package Dynamics in Express Shipping Service Network. , 2014, , .		9
254	Secure Consensus against Message Manipulation Attacks in Synchronous Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 1182-1187.	0.4	9
255	High-Confidence Gateway Planning and Performance Evaluation of a Hybrid LoRa Network. IEEE Internet of Things Journal, 2021, 8, 1071-1081.	5.5	9
256	Quality-Aware Incentive Mechanisms Under Social Influences in Data Crowdsourcing. IEEE/ACM Transactions on Networking, 2022, 30, 176-189.	2.6	9
257	AHEAD: Adaptive Hierarchical Decomposition for Range Query under Local Differential Privacy. , 2021, , .		9
258	Collision-Aware Churn Estimation in Large-Scale Dynamic RFID Systems. IEEE/ACM Transactions on Networking, 2017, 25, 392-405.	2.6	9
259	An Efficient Multi-Task Network for Pedestrian Intrusion Detection. IEEE Transactions on Intelligent Vehicles, 2023, 8, 649-660.	9.4	9
260	PDDL: Proactive Distributed Detection and Localization Against Stealthy Deception Attacks in DC Microgrids. IEEE Transactions on Smart Grid, 2023, 14, 714-731.	6.2	9
261	Reduced Complexity MMSE-SIC Detector in V-BLAST Systems. , 2007, , .		8
262	Origin and future distribution of the new A (H1N1) influenza virus emerging in North America in 2009. Science Bulletin, 2009, 54, 2174-2178.	1.7	8
263	Collaborative Scheduling in Dynamic Environments Using Error Inference. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 591-601.	4.0	8
264	Effect of helium and vacancies in a vanadium grain boundary by first-principles. Nuclear Instruments & Methods in Physics Research B, 2015, 352, 121-124.	0.6	8
265	False Data Injection Attacks and the Distributed Countermeasure in DC Microgrids. IEEE Transactions on Control of Network Systems, 2022, 9, 1962-1974.	2.4	8
266	Optimal Flow Control for Utility-Lifetime Tradeoff in Wireless Sensor Networks. , 2009, , .		7
267	An interface designed for networked monitoring and control in wireless sensor networks. Computer Standards and Interfaces, 2009, 31, 579-585.	3.8	7
268	Near-optimal online algorithm for data collection by multiple sinks in wireless sensor networks. , 2014, , .		7
269	Energy-efficient barrier coverage in bistatic radar sensor networks. , 2015, , .		7
270	Optimization of Antenna Array Deployment for Partial Discharge Localization in Substations by Hybrid Particle Swarm Optimization and Genetic Algorithm Method. Energies, 2018, 11, 1813.	1.6	7

#	ARTICLE	IF	CITATIONS
271	Zero-Parameter-Information FDI Attacks Against Power System State Estimation. , 2020, , .		7
272	Small Low-Contrast Target Detection: Data-Driven Spatiotemporal Feature Fusion and Implementation. IEEE Transactions on Cybernetics, 2022, 52, 11847-11858.	6.2	7
273	Short-Term Strong Wind Risk Prediction for High-Speed Railway. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4243-4255.	4.7	7
274	Detecting PLC Intrusions Using Control Invariants. IEEE Internet of Things Journal, 2022, 9, 9934-9947.	5.5	7
275	Switch real-time industrial Ethernet with mixed scheduling policy. , 0, , .		6
276	Scalability and QoS guarantee for streams with (m,k)-firm deadline. Computer Standards and Interfaces, 2006, 28, 560-571.	3.8	6
277	A Low Complexity Near Maximum Likelihood VBLAST Algorithm for MIMO Systems. , 2007, , .		6
278	Localization for mobile target in wireless sensor networks. Journal of Electronics, 2008, 25, 523-528.	0.2	6
279	Sensor network localization using kernel spectral regression. Wireless Communications and Mobile Computing, 2010, 10, 1045-1054.	0.8	6
280	A Graph Embedding Method for Wireless Sensor Networks Localization. , 2009, , .		6
281	Sensing-delay tradeoff for communication in cognitive radio enabled smart grid. , 2011, , .		6
282	Target Tracking with Limited Sensing Range in Autonomous Mobile Sensor Networks. , 2012, , .		6
283	Load scheduling with price uncertainty and coupling constraints. , 2013, , .		6
284	A QoS Guarantee Framework for Cloud Services Based on Bayesian Prediction. , 2015, , .		6
285	Distributed Privacy-Aware Fast Selection Algorithm for Large-Scale Data. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 365-376.	4.0	6
286	iLoc: A Low-Cost Low-Power Outdoor Localization System for Internet of Things. , 2019, , .		6
287	Differential Privacy-preserving Distributed Machine Learning. , 2019, , .		6
288	Operation State Scheduling Towards Optimal Network Utility in RF-Powered Internet of Things. IEEE Transactions on Mobile Computing, 2021, 20, 3117-3130.	3.9	6

#	Article	IF	Citations
289	Rebalance Bike-Sharing System With Deep Sequential Learning. IEEE Intelligent Transportation Systems Magazine, 2020, , 1-1.	2.6	6
290	Discrimination reveals reconstructability of multiplex networks from partial observations. Communications Physics, 2022, 5, .	2.0	6
291	Equivalent matrix DBP for streams with (m,k)-firm deadline. , 2004, , .		5
292	Heat transfer coefficient calculation for analysis of ITER shield block using CFX and ANSYS. Fusion Engineering and Design, 2011, 86, 312-317.	1.0	5
293	Energy saving and network connectivity tradeoff in Opportunistic Mobile Networks. , 2012, , .		5
294	AIS data based identification of systematic collision risk for maritime intelligent transport system. , 2013, , .		5
295	Hard-Decision Fusion With Arbitrary Numbers of Bits for Different Samples. IEEE Transactions on Vehicular Technology, 2013, 62, 879-884.	3.9	5
296	Distributed formation control with pose estimation in multi-robot systems. , 2013, , .		5
297	Energy-Efficient Area Coverage for Intruder Detection in Sensor Networks. SpringerBriefs in Computer Science, 2014, , .	0.2	5
298	LQG control under Denial-of-Service attacks: An experimental study. , 2015, , .		5
299	Hardware architecture and optimisation of FPP particle PHD filter for multiâ€target tracking in cyberâ€physical systems. IET Control Theory and Applications, 2017, 11, 1830-1837.	1.2	5
300	Towards Optimal Operation State Scheduling in RF-Powered Internet of Things. , 2018, , .		5
301	Probabilistic Energy Flow Analysis of MCE System Considering Various Coupling Units and the Uncertainty of Distribution Generators. IEEE Access, 2019, 7, 100394-100405.	2.6	5
302	On Effectiveness of Detecting FDI Attacks on Power Grid using Moving Target Defense. , 2019, , .		5
303	Improved Rotor Braking Protection Circuit and Self-Adaptive Control for DFIG during Grid Fault. Energies, 2019, 12, 1994.	1.6	5
304	Gateway Planning for Hybrid LoRa Networks. , 2019, , .		5
305	The Implementation of a Fully Integrated Scheme of self-Configuration and self-Organization (FISCO) on Imote2. , 2007, , 672-682.		5
306	DIY Smart House : Exploration and Practice of IoT MOOC Education. , 2020, , .		5

#	ARTICLE	IF	CITATIONS
307	Toward Optimal Deployment for Full-View Point Coverage in Camera Sensor Networks. IEEE Internet of Things Journal, 2022, 9, 22008-22021.	5.5	5
308	A Kernel-Based Localization Approach in Wireless Sensor Networks. , 2008, , .		4
309	Distributed adaptive sampling by rechargeable sensor nodes with limited battery capacity. , 2012, , .		4
310	Backhaul Constraint-Based Cooperative Interference Management for In-Building Dense Femtocell Networks. , 2012, , .		4
311	Smart temperature monitoring for data center energy efficiency. , 2013, , .		4
312	LearJam: An Energy-Efficient Learning-Based Jamming Attack against Low-Duty-Cycle Networks. , 2014, , .		4
313	Optimal reader location for collision-free communication in WRSN. , 2014, , .		4
314	Dynamic sensor data scheduling for remote estimation over Gilbert-Elliot channel. , 2014, , .		4
315	Effect of the ITER FW Manufacturing Process on the Microstructure and Properties of a CuCrZr Alloy. Plasma Science and Technology, 2015, 17, 887-892.	0.7	4
316	Energy-efficient power allocation in cognitive sensor networks: a coupled constraint game approach. Wireless Networks, 2015, 21, 1577-1589.	2.0	4
317	A Trust Management Based Framework for Fault-Tolerant Barrier Coverage in Sensor Networks. , 2017, , .		4
318	Actuator fault diagnosis of a Hexacopter: A nonlinear analytical redundancy approach. , 2017, , .		4
319	Performance Analysis of Discrete-Time Average Consensus under Uniform Constant Time Delays. IFAC-PapersOnLine, 2017, 50, 11725-11730.	0.5	4
320	Mechanical properties and thermal stability of carbide dispersion strengthened CLF-1 steel. Fusion Engineering and Design, 2018, 136, 442-446.	1.0	4
321	Improving the Controllability of Complex Networks by Temporal Segmentation. IEEE Transactions on Network Science and Engineering, 2020, 7, 2765-2774.	4.1	4
322	Model and Transfer Spatial-Temporal Knowledge for Fine-Grained Radio Map Reconstruction. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 828-841.	4.9	4
323	Performance analysis of stochastic network coverage with limited mobility. , 2009, , .		3
324	An adaptive HARQ algorithm in MIMO systems. , 2009, , .		3

#	ARTICLE	IF	CITATIONS
325	Experiments on autonomous mobile sensor control for target tracking. , 2010, , .		3
326	A Novel Range Detection Method for 60GHz LFMCW Radar. , 2010, , .		3
327	Coordinate-Free Distributed Algorithm for Boundary Detection in Wireless Sensor Networks. , 2011, , .		3
328	Distributed Saturation Degree Based TDMA Scheduling Algorithm for Target Tracking. , 2011, , .		3
329	Energy-efficient power allocation in cognitive sensor networks: A game theoretic approach. , 2012, , .		3
330	A general approach for building Linux on sensor node Imote2. Computer Standards and Interfaces, 2012, 34, 101-108.	3.8	3
331	Polynomialâ€approximationâ€based locally optimum detector for signals with symmetric alpha stable noise. IET Communications, 2014, 8, 2952-2960.	1.5	3
332	Exploiting time of charge to achieve collision-free communications in WRSN. , 2014, , .		3
333	Multiple target tracking under occlusions using modified Joint Probabilistic Data Association. , 2015, , .		3
334	Decentralized multi-charger coordination for wireless rechargeable sensor networks. , 2015, , .		3
335	ALRTâ€based energy detection using uniform noise distribution. Wireless Communications and Mobile Computing, 2016, 16, 1009-1017.	0.8	3
336	RWC: A Robust Wireless Charging System for Dockless Bike-Sharing. , 2018, , .		3
337	Nonzero-Dynamics Stealthy Attack and Its Impacts Analysis in DC Microgrids. , 2019, , .		3
338	Intra-Operator Customer Churn in Telecommunications: A Systematic Perspective. IEEE Transactions on Vehicular Technology, 2020, 69, 948-957.	3.9	3
339	You Foot the Bill! Attacking NFC With Passive Relays. IEEE Internet of Things Journal, 2021, 8, 1197-1210.	5.5	3
340	Experiments Study on a Dynamic Priority Scheduling for Wireless Sensor Networks. Lecture Notes in Computer Science, 2005, , 613-622.	1.0	3
341	A simple algorithm for fault-tolerant topology control in wireless sensor network. , 2008, , .		2
342	Optimal Rate Routing in Wireless Sensor Networks with Guaranteed Lifetime. , 2008, , .		2

#	ARTICLE	IF	CITATIONS
343	Approximate minimum SER precoding for spatial multiplexing over Ricean channels. , 2009, , .		2
344	Distributed interfering sensor scheduling scheme for target tracking. , 2010, , .		2
345	Sensor data scheduling over a packet-dropping network. , 2010, , .		2
346	Sensor scheduling with limited communication energy and bandwidth. , 2010, , .		2
347	Optimal controller location in wireless sensor and actuator networks. , 2012, , .		2
348	Cooperative interference mitigation for indoor dense femtocell networks. , 2012, , .		2
349	Mobile Anchor Assisted Error Bounded Sensing in Sensor Networks: An Implementation Perspective. , 2013, , .		2
350	Introduction to Area Coverage in Sensor Networks. SpringerBriefs in Computer Science, 2014, , 1-10.	0.2	2
351	Towards optimal barrier coverage in wireless sensor and actor networks. , 2014, , .		2
352	Impacts of unreliable communication and regret matching based anti-jamming approach in smart grid. , 2014, , .		2
353	Profit maximization for plug-in electric taxi with uncertain future electricity prices. , 2015, , .		2
354	Load scheduling with price uncertainty and temporally-coupled constraints in smart grids. , 2015, , .		2
355	Optimal Estimation Algorithm Design under Event-based Sensor Data Scheduling**The work of L. He was supported by Natural Science Foundation of China (NSFC) under Grant No. 61503337 and China Postdoctoral Science Foundation under Grant No. 2015M571870; The work of J. Chen was supported by NSFC under Grant No. U1401253.. IFAC-PapersOnLine, 2016, 49, 157-162.	0.5	2
356	Scenario-oriented small cell network design for LTE-LAA and Wi-Fi coexistence on 5 GHz. , 2017, , .		2
357	Indoor Navigation Leveraging Gradient WiFi Signals. , 2017, , .		2
358	Guest Editorial Special Issue on Theories and Applications of NB-IoT. IEEE Internet of Things Journal, 2018, 5, 1435-1435.	5.5	2
359	Big data and smart computing in network systems. Peer-to-Peer Networking and Applications, 2019, 12, 1308-1310.	2.6	2
360	The Research for Spatial Role-Based Access Control Model. Lecture Notes in Computer Science, 2010, , 296-308.	1.0	2

#	Article	IF	Citations
361	Research on XML-Based Active Interest Management in Distributed Virtual Environment. , 2007, , 315-324.		2
362	A Novel Near Maximum Likelihood Detection Scheme for Wireless MIMO Systems. , 2006, , .		1
363	Energy-constrained mobile sensor with motion plans for monitoring stochastic events. Wireless Communications and Mobile Computing, 2009, 10, n/a-n/a.	0.8	1
364	On optimal information capture by energy-constrained mobile sensor. , 2009, , .		1
365	Stochastic Steepest-Descent Optimization of Multiple-Objective Mobile Sensor Coverage. , 2010, , .		1
366	Energy-efficient probabilistic full coverage in wireless sensor networks. , 2012, , .		1
367	Energy-efficient area coverage in bistatic radar sensor networks. , 2013, , .		1
368	Consensus-based Time Synchronization in sensor networks: An experimental study. , 2013, , .		1
369	Localization accuracy of range-only sensors with additive and multiplicative noise. , 2013, , .		1
370	Globally optimizing network utility with spatiotemporally-coupled constraint in rechargeable sensor networks. , 2013, , .		1
371	Discrete average consensus with bounded noise. , 2013, , .		1
372	Sensor data forwarding strategies for state estimation in multi-hop wireless networks. , 2013, , .		1
373	iParking: An intelligent parking system for large parking lots. , 2015, , .		1
374	Game among interdependent networks: The impact of rationality on system robustness. Europhysics Letters, 2016, 116, 68002.	0.7	1
375	Optimizing the throughput of millimeter wave wireless communications. , 2016, , .		1
376	Achieving Collision-Free Communication by Time of Charge in WRSN. Mobile Networks and Applications, 2016, 21, 414-424.	2.2	1
377	Reply to â€œComments on â€˜Distributed Identification of the Most Critical Node for Average Consensusâ€â€™. IEEE Transactions on Signal Processing, 2017, 65, 1268-1271.	3.2	1
378	A Novel Framework for Mitigating Intra-Operator Customer Churn in Telecommunications. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
379	Personalized Attraction Enhanced Sponsored Search with Multi-task Learning. , 2019, , .		1
380	GotU: leverage social ties for efficient user localization. Science China Information Sciences, 2020, 63, 1.	2.7	1
381	Energy-Efficient Robust Coverage under Uncertainty in Wireless Sensor Networks. Lecture Notes in Computer Science, 2012, , 366-377.	1.0	1
382	Progress of ITER procurement in China. Scientia Sinica: Physica, Mechanica Et Astronomica, 2019, 49, 045203.	0.2	1
383	Towards Automatic Root Cause Diagnosis of Persistent Packet Loss in Cloud Overlay Network. IEEE/ACM Transactions on Networking, 2022, 30, 1178-1192.	2.6	1
384	A Subspace Blind Channel Estimation Method for Distributed MISO Systems. , 2006, , .		0
385	Research on Static Scheduling Algorithms for Weakly Hard Real-Time System. , 2006, , .		0
386	Sphere Decoding for Distributed Antenna Systems. , 2006, , .		0
387	A Simple and Effective Data Compress Algorithm in Wireless Sensor Networks. , 2006, , .		0
388	Frequency-detected acoustic ranging solutions in wireless sensor networks: an experimental study. Asia-Pacific Journal of Chemical Engineering, 2008, 3, 589-596.	0.8	0
389	QoS-based Adaptive Access Control in Collaborative Virtual Enviroment. , 2008, , .		0
390	SCM-Based Retransmission Scheme in Multi-Hop Relay Networks. , 2009, , .		0
391	CHAOTIC FEATURE OF MARTIN PROCESS IMPOSED ON THE COSINE FUNCTION. Fractals, 2009, 17, 191-195.	1.8	0
392	Space-frequency transmission and channel estimation for 2×2 cooperative systems. , 2009, , .		0
393	A Survey of Fault Tolerance in Ad-Hoc Networks and Sensor Networks. , 2010, , 109-142.		0
394	Information Collection and Storage in Wireless Multimedia Sensor Network. , 2010, , 657-674.		0
395	Synthesis and characterization of amphiphilic centipede-like copolymer PS-PS-PMAA. Science China Chemistry, 2011, 54, 1584-1589.	4.2	0
396	Wireless monitoring and control. Wireless Communications and Mobile Computing, 2011, 11, 991-993.	0.8	0

#	Article	IF	Citations
397	Introduction to Mobile Social Networks. SpringerBriefs in Computer Science, 2012, , 1-17.	0.2	0
398	Three-dimensional spatial multiplexing for directional millimeter-wave communications in multi-cubicle office environments. , 2013, , .		0
399	Numerical Analyses of Electromagnetic Forces on the ITER Blanket Module Shield Block During Major Disruptions. Plasma Science and Technology, 2014, 16, 701-705.	0.7	0
400	Adaptive channel assignment testbed on MICAz. , 2014, , .		0
401	Phonemeter: Bringing EMF Detection to Smartphones. , 2015, , .		0
402	Guest editorial: Selected papers from IEEE/CIC ICCC2014. China Communications, 2015, 12, iii-iv.	2.0	0
403	A data analysis and visualization system for large-scale e-bike data. , 2016, , .		0
404	Urban Area Vehicle Number Estimation Based on RTMS Data. , 2016, , .		0
405	Electromagnetic analyses and optimization for slit configuration of ITER blanket shield block. Fusion Engineering and Design, 2016, 109-111, 1587-1591.	1.0	0
406	Special Issue on â€œAdvances in Control and Optimization Over Wireless Sensor and Actuator Networksâ€. Asian Journal of Control, 2017, 19, 1257-1258.	1.9	0
407	A service relevance based virtual machine migration strategy in cloud. , 2017, , .		0
408	Substitution and Wireless Sensor and Actuator/Robot Networks. International Journal of Distributed Sensor Networks, 2012, 8, 871268.	1.3	0