

Cailian Chen

List of Publications by Year in descending order

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183
papers

2,839
citations

218677

26
h-index

223800

46
g-index

184
all docs

184
docs citations

184
times ranked

2856
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy-Efficient Optimal Sensor Scheduling for State Estimation Over Multihop Sensor Networks. IEEE Transactions on Cybernetics, 2023, 53, 197-210.	9.5	1
2	Learning-Based Edge Sensing and Control Co-Design for Industrial Cyber-Physical System. IEEE Transactions on Automation Science and Engineering, 2023, 20, 59-73.	5.2	5
3	Bearing-Based Formation Tracking Control With Time-Varying Velocity Estimation. IEEE Transactions on Cybernetics, 2023, 53, 3961-3973.	9.5	10
4	Resource-Efficient Visual Multiobject Tracking on Embedded Device. IEEE Internet of Things Journal, 2022, 9, 8531-8543.	8.7	1
5	Differentially Private Distributed Optimization via State and Direction Perturbation in Multiagent Systems. IEEE Transactions on Automatic Control, 2022, 67, 722-737.	5.7	28
6	Edge Sensing and Control Co-Design for Industrial Cyber-Physical Systems: Observability Guaranteed Method. IEEE Transactions on Cybernetics, 2022, 52, 13350-13362.	9.5	3
7	Energy-Efficient Co-Design of Power Scheduling for State Estimation Over a Stochastic Delayed Network. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6697-6713.	9.3	1
8	Fixed-time extended state observer-based trajectory tracking control for autonomous underwater vehicles. Asian Journal of Control, 2022, 24, 686-701.	3.0	11
9	Distributed Urban Freeway Traffic Optimization Considering Congestion Propagation. IEEE Internet of Things Journal, 2022, 9, 12155-12165.	8.7	4
10	A compressed sensing and CNN-based method for fault diagnosis of photovoltaic inverters in edge computing scenarios. IET Renewable Power Generation, 2022, 16, 1434-1444.	3.1	13
11	Low-Latency Federated Learning Over Wireless Channels With Differential Privacy. IEEE Journal on Selected Areas in Communications, 2022, 40, 290-307.	14.0	21
12	Wireless/wired integrated transmission for industrial cyber-physical systems: risk-sensitive co-design of 5G and TSN protocols. Science China Information Sciences, 2022, 65, 1.	4.3	11
13	Joint Task Offloading and Resource Allocation for Multihop Industrial Internet of Things. IEEE Internet of Things Journal, 2022, 9, 22022-22033.	8.7	6
14	Bearing-based formation tracking control of AUVs with optimal gains tuning. Ocean Engineering, 2022, 258, 111672.	4.3	5
15	Learning-Based Online Transmission Path Selection for Secure Estimation in Edge Computing Systems. IEEE Transactions on Industrial Informatics, 2021, 17, 3577-3587.	11.3	5
16	Differentially Private Distributed Resource Allocation via Deviation Tracking. IEEE Transactions on Signal and Information Processing Over Networks, 2021, 7, 222-235.	2.8	12
17	Eco-Platooning for Cooperative Automated Vehicles Under Mixed Traffic Flow. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2023-2034.	8.0	27
18	Aol-Aware Control and Communication Co-Design for Industrial IoT Systems. IEEE Internet of Things Journal, 2021, 8, 8464-8473.	8.7	30

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19	Optimal Denial-of-Service Attack Strategy on State Estimation Over Infinite-Time Horizon. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2860-2864.	3.0	6
20	Age-of-Information Aware Scheduling for Edge-Assisted Industrial Wireless Networks. IEEE Transactions on Industrial Informatics, 2021, 17, 5562-5571.	11.3	30
21	Distributed Entrapping Control of Multiagent Systems Using Bearing Measurements. IEEE Transactions on Automatic Control, 2021, 66, 5696-5710.	5.7	19
22	Learning-based Co-Design of Distributed Edge Sensing and Transmission for Industrial Cyber-Physical Systems. , 2021, , .		0
23	QoS-Aware Heterogeneous Data Transmission Mechanism for Industrial IoT Systems. , 2021, , .		0
24	Data-Driven Prediction of Sinter Composition Based on Multi-Source Information and LSTM Network. , 2021, , .		5
25	Sampling-Rate Based Co-design Method of Control Systems Integrated with Time Sensitive Networking. , 2021, , .		2
26	Age-of-Task Aware Sampling Rate Optimization in Edge-Assisted Industrial Network Systems. , 2021, , .		1
27	QoS-Aware Mapping and Scheduling for Virtual Network Functions in Industrial 5G-TSN Network. , 2021, , .		9
28	Communication and Computation Resource Allocation for Digital Twin in IIoT Systems. , 2021, , .		2
29	Bearing-only Formation Control of Nonholonomic Agents with Unknown Dynamic Leaders. , 2021, , .		0
30	Asynchronous Localization of Underwater Target Using Consensus-Based Unscented Kalman Filtering. IEEE Journal of Oceanic Engineering, 2020, 45, 1466-1481.	3.8	26
31	On-Demand Transmission for Edge-Assisted Remote Control in Industrial Network Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 4842-4854.	11.3	27
32	Proactive Power Management Scheme for Hybrid Electric Storage System in EVs: An MPC Method. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 5246-5257.	8.0	22
33	NOMA-Assisted On-Demand Transmissions for Monitoring Applications in Industrial IoT Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 12264-12276.	6.3	12
34	CPCA: A Chebyshev Proxy and Consensus based Algorithm for General Distributed Optimization. , 2020, , .		3
35	AUV-Aided Localization for Internet of Underwater Things: A Reinforcement-Learning-Based Method. IEEE Internet of Things Journal, 2020, 7, 9728-9746.	8.7	57
36	Learning-Based Autonomous Scheduling for Aol-Aware Industrial Wireless Networks. IEEE Internet of Things Journal, 2020, 7, 9175-9188.	8.7	16

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37	A Learning-Based Pre-Allocation Scheme for Low-Latency Access in Industrial Wireless Networks. IEEE Transactions on Wireless Communications, 2020, 19, 650-664.	9.2	9
38	Constrained Distributed Nonconvex Optimization over Time-varying Directed Graphs. , 2020, , .		0
39	Leader-Tracking in a Shape-Preserving Formation With Bearing-Only Measurements. IFAC-PapersOnLine, 2020, 53, 5958-5963.	0.9	1
40	Estimation Oriented Co-design of Sensor Scheduling over Stochastic Delayed Channel under Power Constraints. IFAC-PapersOnLine, 2020, 53, 3559-3564.	0.9	1
41	Entrapping a target in an arbitrarily shaped orbit by a single robot using bearing measurements. Automatica, 2020, 113, 108805.	5.0	21
42	Task Offloading Based on Edge Computing Considering Overhead and Load Balancing in Industrial Internet of Things. , 2020, , .		3
43	Hierarchical Time-frequency Synchronization Mechanism for Time Sensitive Networking. , 2020, , .		0
44	Coordinated Data Transmission in Time-Sensitive Networking for Mixed Time-Sensitive Applications. , 2020, , .		10
45	Prediction-based Transmission-Control Codesign for Vehicle Platooning. , 2020, , .		1
46	Dynamic Hidden Markov Model for Metropolitan Traffic Flow Prediction. , 2020, , .		4
47	Tumble Strength Prediction for Sintering: Data-driven Modeling and Scheme Design. , 2020, , .		4
48	Location Privacy in Usage-Based Automotive Insurance: Attacks and Countermeasures. IEEE Transactions on Information Forensics and Security, 2019, 14, 196-211.	6.9	45
49	Efficient Error Packet Recovery without Redundant Bytes for IEEE 802.15.4 Protocol. , 2019, , .		1
50	Optimal Power Scheduling for Remote State Estimation: A Quantitative and Analytical Approach. , 2019, , .		1
51	DSESP: Dual sparsity estimation subspace pursuit for the compressive sensing based close-loop ecg monitoring structure. Peer-to-Peer Networking and Applications, 2019, 12, 1311-1322.	3.9	2
52	Intelligent Latency-Aware Virtual Network Embedding for Industrial Wireless Networks. IEEE Internet of Things Journal, 2019, 6, 7484-7496.	8.7	21
53	IoT-Based Proactive Energy Supply Control for Connected Electric Vehicles. IEEE Internet of Things Journal, 2019, 6, 7395-7405.	8.7	25
54	Learning-based Attack Schedule against Remote State Estimation in Cyber-Physical Systems. , 2019, , .		4

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55	Mechanical Acoustic Signal Assisted Translational Model for Industrial Human-Machine Interaction. , 2019, , .		0
56	Sensing Aware Opportunistic Transmissions for Situation Monitoring in Industrial Network Systems. , 2019, , .		0
57	DoS Attack on Networked Control System: From the Viewpoint on Communication-Control Cost. , 2019, , .		2
58	SGM: Seed Growing Map-matching with Trajectory Fitting. , 2019, , .		0
59	Dynamic Topology Inference via External Observation for Multi-Robot Formation Control. , 2019, , .		11
60	Distributed Formation Target Tracking in Local Coordinate Systems. , 2019, , .		2
61	Distributed path optimisation of mobile sensor networks for AOA target localisation. IET Control Theory and Applications, 2019, 13, 2817-2827.	2.1	4
62	Energy-Efficient Target Tracking With UASNs: A Consensus-Based Bayesian Approach. IEEE Transactions on Automation Science and Engineering, 2019, , 1-15.	5.2	8
63	Feedback-Based Target Localization in Underwater Sensor Networks: A Multisensor Fusion Approach. IEEE Transactions on Signal and Information Processing Over Networks, 2019, 5, 168-180.	2.8	44
64	Sensor scheduling for relay-assisted wireless control systems with limited power resources. ISA Transactions, 2019, 88, 246-257.	5.7	5
65	Risk-Averse Transmission Path Selection for Secure State Estimation in Power Systems. IEEE Internet of Things Journal, 2019, 6, 3121-3131.	8.7	8
66	RSSI-Based Heading Control for Robust Long-Range Aerial Communication in UAV Networks. IEEE Internet of Things Journal, 2019, 6, 1675-1689.	8.7	22
67	Achieving Differentially Private Location Privacy in Edge-Assistant Connected Vehicles. IEEE Internet of Things Journal, 2019, 6, 4472-4481.	8.7	52
68	Optimal Power Management for Failure Mode of MVDC Microgrids in All-Electric Ships. IEEE Transactions on Power Systems, 2019, 34, 1054-1067.	6.5	30
69	Antijamming Game Framework for Secure State Estimation in Power Systems. IEEE Transactions on Industrial Informatics, 2019, 15, 2628-2637.	11.3	8
70	State Estimation Oriented Wireless Transmission for Ubiquitous Monitoring in Industrial Cyber-Physical Systems. IEEE Transactions on Emerging Topics in Computing, 2019, 7, 187-201.	4.6	24
71	Asynchronous Localization With Mobility Prediction for Underwater Acoustic Sensor Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 2543-2556.	6.3	106
72	Energy-Efficient Data Collection Over AUV-Assisted Underwater Acoustic Sensor Network. IEEE Systems Journal, 2018, 12, 3519-3530.	4.6	119

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73	5G Enabled Codesign of Energy-Efficient Transmission and Estimation for Industrial IoT Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 2690-2704.	11.3	88
74	Joint Beamformer Design for Wireless Fronthaul and Access Links in C-RANs. IEEE Transactions on Wireless Communications, 2018, 17, 2869-2881.	9.2	28
75	Distributed load shedding for microgrid with compensation support via wireless network. IET Generation, Transmission and Distribution, 2018, 12, 2006-2018.	2.5	9
76	Mitigating Quantization Effects on Distributed Sensor Fusion: A Least Squares Approach. IEEE Transactions on Signal Processing, 2018, 66, 3459-3474.	5.3	26
77	FaceME: Face-to-Machine Proximity Estimation Based on RSSI Difference for Mobile Industrial Human-Machine Interaction. IEEE Transactions on Industrial Informatics, 2018, 14, 3547-3558.	11.3	35
78	Formation Control of Teleoperating Cyber-Physical System With Time Delay and Actuator Saturation. IEEE Transactions on Control Systems Technology, 2018, 26, 1458-1467.	5.2	31
79	User grouping and admission control for multi-group multicast beamforming in MIMO systems. Wireless Networks, 2018, 24, 2851-2866.	3.0	2
80	Optimal Dropbox Deployment Algorithm for Data Dissemination in Vehicular Networks. IEEE Transactions on Mobile Computing, 2018, 17, 632-645.	5.8	34
81	NOMA-Assisted Small-Packet Transmissions in Mission-Critical MTCs for Industrial Automation. , 2018, , .		2
82	On the Tradeoff Between Data-Privacy and Utility for Data Publishing. , 2018, , .		3
83	Traffic-Related Mission-Critical Transmission for Vehicular Ad-Hoc Networks. , 2018, , .		1
84	Consensus-based Distributed Optimization in Multi-agent Systems: Convergence and Differential Privacy. , 2018, , .		17
85	Hierarchical Event-Triggered Online Transmission Scheduling for Wireless Control Systems. , 2018, , .		1
86	Demand-Driven and Energy-Efficient Transmission for Multi-Loop Wireless Control Systems. , 2018, , .		1
87	Predictive Pre-allocation for Low-latency Uplink Access in Industrial Wireless Networks. , 2018, , .		19
88	Vehicular Transportation System Enabling Traffic Monitoring: A Heterogeneous Data Fusion Method. , 2018, , .		1
89	Control Performance Aware Cooperative Transmission in Multiloop Wireless Control Systems for Industrial IoT Applications. IEEE Internet of Things Journal, 2018, 5, 3954-3966.	8.7	24
90	Dynamics-Aware and Beamforming-Assisted Transmission for Wireless Control Scheduling. IEEE Transactions on Wireless Communications, 2018, 17, 7677-7690.	9.2	17

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91	Distributed estimation based temperature control strategy focusing on the laminar cooling process. , 2018, , .		0
92	A separation principle for resource allocation in industrial wireless sensor networks. <i>Wireless Networks</i> , 2017, 23, 805-818.	3.0	5
93	Privacy-preserving design for emergency response scheduling system in medical social networks. <i>Peer-to-Peer Networking and Applications</i> , 2017, 10, 340-356.	3.9	8
94	Joint Fronthaul Multicast Beamforming and User-Centric Clustering in Downlink C-RANs. <i>IEEE Transactions on Wireless Communications</i> , 2017, 16, 5395-5409.	9.2	39
95	Consensus of Teleoperating Cyber-Physical System via Centralized and Decentralized Controllers. <i>IEEE Access</i> , 2017, 5, 17271-17287.	4.2	6
96	Connected Vehicular Transportation: Data Analytics and Traffic-Dependent Networking. <i>IEEE Vehicular Technology Magazine</i> , 2017, 12, 42-54.	3.4	38
97	Application-driven virtual network embedding for industrial wireless sensor networks. , 2017, , .		20
98	Process parameter estimation oriented industrial wireless sensor networks: A sequential approach. , 2017, , .		1
99	Co-design of stabilisation and transmission scheduling for wireless control systems. <i>IET Control Theory and Applications</i> , 2017, 11, 1767-1778.	2.1	24
100	Matching-Based Cell Selection for Proportional Fair Throughput Boosting via Dual-Connectivity. , 2017, , .		12
101	Consensus estimation-based target localization in underwater acoustic sensor networks. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 1607-1627.	3.7	47
102	Adaptive Beacon Transmission in Cognitive-OFDM-Based Industrial Wireless Networks. <i>IEEE Communications Letters</i> , 2017, 21, 152-155.	4.1	5
103	State-of-charge inconsistency estimation for li-ion battery pack using electrochemical model. , 2017, , .		1
104	Face-to-machine proximity estimation for mobile industrial human machine interaction. , 2017, , .		7
105	DINS: A Distributed Scheme for Sensor Fusion over Fading Channels * * This research is partially funded by National Key Research and Development Program of China (No. 2016YFB0901903,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Shandong Provincial Natural Science Foundation of China under grant ZR2015FQ012. <i>IFAC PapersOnLine</i> , 2017, 50, 14284-14289.	0.9	0
106	Intuitionistic fuzzy handover mechanism for heterogeneous vehicular networks. , 2017, , .		2
107	Distributed target localization and control of unicycle mobile agents with bearing measurements. , 2017, , .		1
108	A spectrum penetration assisted MAC protocol for vehicular communication networks. , 2017, , .		0

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109	State-of-charge estimation for li-ion batteries based on multi-strategy probabilities fusion. , 2017, , .		0
110	Cooperative Relaying Strategies for Smart Grid Communications: Bargaining Models and Solutions. IEEE Internet of Things Journal, 2017, 4, 2315-2325.	8.7	26
111	RSS Estimation Based on Bayesian Learning Mechanism by Vehicular Sensor Networks. , 2017, , .		0
112	ADSâ€aided robust relay selection for cooperative communications in aircraft approach. International Journal of Communication Systems, 2016, 29, 113-129.	2.5	2
113	A Secure Scheme for Distributed Consensus Estimation against Data Falsification in Heterogeneous Wireless Sensor Networks. Sensors, 2016, 16, 252.	3.8	6
114	Matching-based joint uplink and downlink user association for energy-efficient hetnets. , 2016, , .		9
115	Underwater acoustic localization with uncertainties in propagation speed and time synchronization. , 2016, , .		1
116	Formation control of Teleoperating Cyber-Physical System subject to time delay and actuator saturation constraints. , 2016, , .		2
117	Distributed Control for Charging Multiple Electric Vehicles with Overload Limitation. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 3441-3454.	5.6	29
118	Adaptive compressive engine for realâ€time electrocardiogram monitoring under unreliable wireless channels. IET Communications, 2016, 10, 607-615.	2.2	14
119	A least square approach for distributed sensor fusion in bandwidth-constrained sensor networks. , 2016, , .		1
120	Finite-time consensus for multi-agent systems via impulsive control. , 2016, , .		2
121	Adaptive compression ratio estimation for categorifed sparsity in real-time ECG monitoring system. , 2016, , .		2
122	Transmission reliability enhancement for multi-sensor state estimation in industrial CPSs. , 2016, , .		1
123	State Estimation Oriented Reliability Enhancement with Cooperative Transmission in Industrial CPSs. , 2016, , .		1
124	A comprehensive overview of cyber-physical systems: from perspective of feedback system. IEEE/CAA Journal of Automatica Sinica, 2016, 3, 1-14.	13.1	85
125	Autonomous Channel Switching: Towards Efficient Spectrum Sharing for Industrial Wireless SensorâNetworks. IEEE Internet of Things Journal, 2016, 3, 231-243.	8.7	46
126	Backhaul-Aware User Association and Resource Allocation for Energy-Constrained HetNets. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	81

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127	Energy-aware and QoS-aware load balancing for HetNets powered by renewable energy. Computer Networks, 2016, 94, 250-262.	5.1	22
128	Joint Clustering and Routing Design for Reliable and Efficient Data Collection in Large-Scale Wireless Sensor Networks. IEEE Internet of Things Journal, 2016, 3, 520-532.	8.7	115
129	Cognitive radio enabled reliable transmission for optimal remote state estimation in multi-sensor industrial cyber-physical systems. , 2015, , .		1
130	L0.5-regularization based distributed channel estimation for industrial wireless sensor network. , 2015, , .		0
131	Dynamic sleep control in green relay-assisted networks for energy saving and QoS improving. , 2015, , .		3
132	An Energy-Efficient Underground Localization System Based on Heterogeneous Wireless Networks. Sensors, 2015, 15, 12358-12376.	3.8	10
133	Balancing Energy Consumption with Hybrid Clustering and Routing Strategy in Wireless Sensor Networks. Sensors, 2015, 15, 26583-26605.	3.8	14
134	Consensus Based Estimation Over Relay Assisted Sensor Networks for Situation Monitoring. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 278-291.	10.8	31
135	Designing Dual-Tone Radio Interferometric Positioning Systems. IEEE Transactions on Signal Processing, 2015, 63, 1351-1365.	5.3	25
136	Collective behavior of mobile agents with state-dependent interactions. Automatica, 2015, 51, 394-401.	5.0	20
137	Ubiquitous Monitoring for Industrial Cyber-Physical Systems Over Relay-Assisted Wireless Sensor Networks. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 352-362.	4.6	123
138	Cross-Layer Scheduling for OFDMA-Based Cognitive Radio Systems With Delay and Security Constraints. IEEE Transactions on Vehicular Technology, 2015, 64, 5919-5934.	6.3	18
139	Relay selection for peer-to-peer cooperative OFDMA with channel distribution uncertainty. Peer-to-Peer Networking and Applications, 2015, 8, 925-937.	3.9	2
140	Relay Selection for Three-Stage Relaying Scheme in Clustered Wireless Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 2398-2408.	6.3	10
141	A dynamic clustering and routing protocol for multi-hop data collection in wireless sensor networks. , 2015, , .		2
142	Power Allocation Based on Finite-Horizon Optimization for Data Transmission in Vehicle-to-Roadside Communications. Wireless Personal Communications, 2015, 81, 1177-1197.	2.7	0
143	Effective Urban Traffic Monitoring by Vehicular Sensor Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 273-286.	6.3	135
144	Topology optimisation-based distributed estimation in relay assisted wireless sensor networks. IET Control Theory and Applications, 2014, 8, 2219-2229.	2.1	17

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145	Proper Handover between VANET and Cellular Network Improves Internet Access. , 2014, , .		17
146	Power Allocation for Virtual MIMO-Based Three-Stage Relaying in Wireless Ad Hoc Networks. IEEE Transactions on Wireless Communications, 2014, 13, 6528-6541.	9.2	15
147	XY-expansion: Joint search and clock synchronization for wireless sensor and actor networks. , 2014, , .		0
148	A hovering-based warning information dissemination approach in highway entrances. , 2014, , .		4
149	Real-time payoff-maximization for aggregator in dynamic aggregator-PHEV system. , 2014, , .		0
150	Multi-leader multi-follower game based power control for downlink heterogeneous networks. , 2014, , .		4
151	Bilateral teleoperation of multiple agents with formation control. IEEE/CAA Journal of Automatica Sinica, 2014, 1, 141-148.	13.1	9
152	Chasing the Most Popular Video: An Evolutionary Video Clip Selection. IEEE Communications Letters, 2014, 18, 781-784.	4.1	3
153	A novel spectrum sharing scheme for industrial cognitive radio networks: From collective motion perspective. , 2014, , .		12
154	Block compressed sensing based background subtraction for embedded smart camera. , 2014, , .		0
155	Femtocaching in video content delivery: Assignment of video clips to serve dynamic mobile users. Computer Communications, 2014, 51, 60-69.	5.1	10
156	The capacity of aeronautical ad-hoc networks. Wireless Networks, 2014, 20, 2123-2130.	3.0	7
157	Outage probability guaranteed relay selection in cooperative communications. IET Communications, 2014, 8, 826-832.	2.2	7
158	Transmit beamforming and admission control for multicast with uncertain user partition. , 2014, , .		4
159	VANET based traffic estimation: A matrix completion approach. , 2013, , .		5
160	AMW-SMC: A fast and accurate localization method for mobile targets in wireless networks. , 2013, , .		0
161	Distributed Optimal Consensus Filter for Target Tracking in Heterogeneous Sensor Networks. IEEE Transactions on Cybernetics, 2013, 43, 1963-1976.	9.5	147
162	Pricing-based resource allocation with security requirements for OFDM networks in real-time electricity market. , 2013, , .		1

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163	Auction based task assignment for pursuit-evasion game in wireless sensor network. , 2012, , .		0
164	A novel pursuit strategy for fast evader in indoor pursuit-evasion games. , 2012, , .		1
165	Critical transmission range for connectivity in aeronautical ad-hoc networks. , 2012, , .		8
166	SuperSA: Superframe design based slot allocation of Wireless Body Area Networks for healthcare systems. , 2012, , .		6
167	Airborne trace prediction based relay selection for cooperative communications in aircraft approach. , 2012, , .		2
168	Distortion analysis for delay tolerant data collection for high-speed wireless sensor and actor networks. , 2012, , .		2
169	Sharing Mobility Strategy Improves Location Service in Wireless Sensor and Actor Networks. IEEE Communications Letters, 2012, 16, 858-861.	4.1	8
170	Cluster-based cooperative communications and relay selection in wireless networks. , 2012, , .		7
171	Robust Relay Selection and Outage Probability Analysis for Cooperative Communications in Aircraft Approach. , 2012, , .		0
172	Bandwidth allocation for cooperative relay networks based on Nash bargaining solution. International Journal of Communication Systems, 2012, 25, 1044-1058.	2.5	15
173	Spatial correlated data collection in wireless sensor networks with multiple sinks. , 2011, , .		6
174	Ballooning: An Agent-Based Search Strategy in Wireless Sensor and Actor Networks. IEEE Communications Letters, 2011, 15, 944-946.	4.1	5
175	An Accurate GPS-Based Localization in Wireless Sensor Networks: A GM-WLS Method. , 2011, , .		16
176	An estimator model for distributed estimation in heterogenous wireless sensor networks. , 2010, , .		4
177	Connectivity of Aeronautical Ad hoc Networks. , 2010, , .		17
178	Joint random access and power control in cognitive radio networks under sensing errors. , 2010, , .		0
179	Wireless sensor networks based localization for audio-source: A GCC-GA method. , 2010, , .		0
180	A multicast-query-based data dissemination protocol for wireless sensor networks with multiple mobile sinks. , 2010, , .		2

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181	Path Planning with Obstacle Avoidance in PEGs: Ant Colony Optimization Method. , 2010, , .		7
182	Adaptive topology control for throughput optimization in wireless Sensor Networks. , 2010, , .		7
183	filtering of time-delay Tâ€™S fuzzy systems based on piecewise Lyapunovâ€™Krasovskii functional. Signal Processing, 2009, 89, 1998-2005.	3.7	23