

# Xin-Ping Guan

## List of Publications by Year in descending order

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525  
papers

10,681  
citations

36303

51  
h-index

64796

79  
g-index

532  
all docs

532  
docs citations

532  
times ranked

7061  
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	Fixed-Time Prescribed Tracking Control for Stochastic Nonlinear Systems With Unknown Measurement Sensitivity. IEEE Transactions on Cybernetics, 2022, 52, 3722-3732.	9.5	49
5	Reset Observer-Based Zeno-Free Dynamic Event-Triggered Control Approach to Consensus of Multiagent Systems With Disturbances. IEEE Transactions on Cybernetics, 2022, 52, 2329-2339.	9.5	14
6	Data-Driven Bayesian-Based Takagi-Sugeno Fuzzy Modeling for Dynamic Prediction of Hot Metal Silicon Content in Blast Furnace. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1087-1099.	9.3	23
7	Distributed Output-Feedback Consensus Control for Nonlinear Multiagent Systems Subject to Unknown Input Delays. IEEE Transactions on Cybernetics, 2022, 52, 1292-1301.	9.5	16
8	Finite-Time Tracking Control of Autonomous Underwater Vehicle Without Velocity Measurements. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6759-6773.	9.3	19
9	Resource-Efficient Visual Multiobject Tracking on Embedded Device. IEEE Internet of Things Journal, 2022, 9, 8531-8543.	8.7	1
10	Cooperative Platoon Control for Uncertain Networked Aerial Vehicles With Predefined-Time Convergence. IEEE Internet of Things Journal, 2022, 9, 5982-5991.	8.7	0
11	Differentially Private Distributed Optimization via State and Direction Perturbation in Multiagent Systems. IEEE Transactions on Automatic Control, 2022, 67, 722-737.	5.7	28
12	Toward Hybrid Backscatter-Aided Wireless-Powered Internet of Things Networks: Cooperation and Coexistence Scenarios. IEEE Internet of Things Journal, 2022, 9, 6264-6276.	8.7	5
13	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
14	Accommodating Strategic Players in Distributed Algorithms for Power Dispatch Problems. IEEE Transactions on Cybernetics, 2022, 52, 12594-12603.	9.5	14
15	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
16	Distributed Integrated Sliding Mode Control for Vehicle Platoons Based on Disturbance Observer and Multi Power Reaching Law. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3366-3376.	8.0	21
17	Cooperative Localization Based Multi-AUV Trajectory Planning for Target Approaching in Anchor-Free Environments. IEEE Transactions on Vehicular Technology, 2022, 71, 3092-3107.	6.3	16
18	Double Deep Q-Network Based Distributed Resource Matching Algorithm for D2D Communication. IEEE Transactions on Vehicular Technology, 2022, 71, 984-993.	6.3	13

#	ARTICLE	IF	CITATIONS
19	Integrated Localization and Tracking for AUV With Model Uncertainties via Scalable Sampling-Based Reinforcement Learning Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6952-6967.	9.3	20
20	Distributed Urban Freeway Traffic Optimization Considering Congestion Propagation. IEEE Internet of Things Journal, 2022, 9, 12155-12165.	8.7	4
21	Joint Trajectory Design and Resource Allocation for IRS-Assisted UAV Communications With Wireless Energy Harvesting. IEEE Communications Letters, 2022, 26, 404-408.	4.1	20
22	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
23	Maximizing lower bound of energy efficiency in multi-tier heterogeneous cellular network via stochastic geometry. Computer Communications, 2022, 184, 64-72.	5.1	0
24	A Sensor-Free Crowd Counting Framework for Indoor Environments Based on Channel State Information. IEEE Sensors Journal, 2022, 22, 6062-6071.	4.7	7
25	Electric Taxi Charging Strategy Based on Stackelberg Game Considering Hotspot Information. IEEE Transactions on Vehicular Technology, 2022, 71, 2427-2436.	6.3	3
26	Optimal Dynamic Transmission Scheduling for Wireless Networked Control Systems. IEEE Transactions on Control Systems Technology, 2022, 30, 2360-2376.	5.2	6
27	Asynchronous Decentralized Federated Learning for Collaborative Fault Diagnosis of PV Stations. IEEE Transactions on Network Science and Engineering, 2022, 9, 1680-1696.	6.4	18
28	Industrial Scene Text Detection With Refined Feature-Attentive Network. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 6073-6085.	8.3	13
29	Joint Optimization of Edge Computing Resource Pricing and Wireless Caching for Blockchain-Driven Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 6661-6670.	6.3	13
30	FSR-SSL: A fault sample rebalancing framework based on semi-supervised learning for PV fault diagnosis. IET Renewable Power Generation, 2022, 16, 2667-2681.	3.1	5
31	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
32	Distributed robust power control in two-tier vehicle networks under uncertain channel environments. Digital Communications and Networks, 2022, , .	5.0	0
33	Stochastic gradient-based fast distributed multi-energy management for an industrial park with temporally-coupled constraints. Applied Energy, 2022, 317, 119107.	10.1	5
34	Energy-Efficient Guiding-Network-Based Routing for Underwater Wireless Sensor Networks. IEEE Internet of Things Journal, 2022, 9, 21702-21711.	8.7	16
35	Joint Task Offloading and Resource Allocation for Multi-hop Industrial Internet of Things. IEEE Internet of Things Journal, 2022, 9, 22022-22033.	8.7	6
36	Bearing-based formation tracking control of AUVs with optimal gains tuning. Ocean Engineering, 2022, 258, 111672.	4.3	5

#	ARTICLE	IF	CITATIONS
37	Reset Control for Consensus of Multiagent Systems With Asynchronous Sampling. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4911-4919.	9.3	10
38	Reset Control for Consensus of Multiagent Systems with Event-Triggered Communication. IEEE Transactions on Cybernetics, 2021, 51, 5387-5396.	9.5	1
39	Iterative Learning Model-Free Control for Networked Systems With Dual-Direction Data Dropouts and Actuator Faults. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5232-5240.	11.3	16
40	Event-Triggered Iterative Learning Containment Control of Model-Free Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7719-7726.	9.3	24
41	Finite-Time Observer-Based Leader-Following Consensus for Nonlinear Multiagent Systems With Input Delays. IEEE Transactions on Cybernetics, 2021, 51, 5850-5858.	9.5	26
42	A Novel MIMO Tâ€™S Fuzzy Modeling for Prediction of Blast Furnace Molten Iron Quality With Missing Outputs. IEEE Transactions on Fuzzy Systems, 2021, 29, 1654-1666.	9.8	21
43	Distributed Consensus Control for Nonlinear Multiagent Systems Under Directed Graphs of Dynamic Frequency Switches. IEEE Transactions on Automatic Control, 2021, 66, 841-848.	5.7	16
44	Decentralized Dynamic Event-Triggered $\mathcal{H}_{\infty}$ Control for Nonlinear Systems With Unreliable Communication Channel and Limited Bandwidth. IEEE Transactions on Fuzzy Systems, 2021, 29, 757-771.	9.8	13
45	Interval Observer-Based Detection and Localization Against False Data Injection Attack in Smart Grids. IEEE Internet of Things Journal, 2021, 8, 657-671.	8.7	32
46	Nonfragile Consensus of Multiagent Systems Based on Memory Sampled-Data Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 391-399.	9.3	46
47	Distributed Containment Control for Nonlinear Stochastic Multiagent Systems. IEEE Transactions on Cybernetics, 2021, 51, 3361-3370.	9.5	19
48	Trajectory Tracking Control of Autonomous Underwater Vehicle With Unknown Parameters and External Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1054-1063.	9.3	65
49	Dissipativity Analysis for Tâ€™S Fuzzy System Under Memory Sampled-Data Control. IEEE Transactions on Cybernetics, 2021, 51, 961-969.	9.5	47
50	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
51	Distributed Output-Feedback Consensus Control of Multiagent Systems with Unknown Output Measurement Sensitivity. IEEE Transactions on Automatic Control, 2021, 66, 3303-3310.	5.7	19
52	Robust Power Control for 5G Small Cell Networks with Sleep Strategy. Wireless Personal Communications, 2021, 116, 2205-2222.	2.7	3
53	Bearing-only formation control of multi-agent systems in local reference frames. International Journal of Control, 2021, 94, 1261-1272.	1.9	8
54	Differentially Private Distributed Resource Allocation via Deviation Tracking. IEEE Transactions on Signal and Information Processing Over Networks, 2021, 7, 222-235.	2.8	12

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55	Privacy-Preserving Localization for Underwater Sensor Networks via Deep Reinforcement Learning. IEEE Transactions on Information Forensics and Security, 2021, 16, 1880-1895.	6.9	59
56	Resource Allocation Based on User Pairing and Subcarrier Matching for Downlink Non-Orthogonal Multiple Access Networks. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 679-689.	13.1	23
57	Detection and localization of biased load attacks in smart grids via interval observer. Information Sciences, 2021, 552, 291-309.	6.9	9
58	Joint 3-D Trajectory and Resource Optimization in Multi-UAV-Enabled IoT Networks With Wireless Power Transfer. IEEE Internet of Things Journal, 2021, 8, 7833-7848.	8.7	25
59	Aol-Aware Control and Communication Co-Design for Industrial IoT Systems. IEEE Internet of Things Journal, 2021, 8, 8464-8473.	8.7	30
60	Game-based approach of fair resource allocation in wireless powered cooperative cognitive radio networks. AEU - International Journal of Electronics and Communications, 2021, 134, 153699.	2.9	9
61	Aol-Aware Co-Design of Cooperative Transmission and State Estimation for Marine IoT Systems. IEEE Internet of Things Journal, 2021, 8, 7889-7901.	8.7	16
62	Robust predefined-time platoon control of networked vehicles with uncertain disturbances. International Journal of Systems Science, 2021, 52, 3128-3140.	5.5	7
63	Game based robust power allocation strategy with QoS guarantee in D2D communication network. Computer Networks, 2021, 193, 108130.	5.1	3
64	Connectivity-maintained and specified-time vehicle platoon control systems with disturbance observer. International Journal of Robust and Nonlinear Control, 2021, 31, 7844-7861.	3.7	11
65	Event-triggered based adaptive neural network control of a robotic manipulator with output constraints and disturbance. International Journal of Systems Science, 2021, 52, 2415-2426.	5.5	8
66	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
67	Age-of-Information Aware Scheduling for Edge-Assisted Industrial Wireless Networks. IEEE Transactions on Industrial Informatics, 2021, 17, 5562-5571.	11.3	30
68	Resource Allocation in D2D Enabled Vehicular Communications: A Robust Stackelberg Game Approach Based on Price-Penalty Mechanism. IEEE Transactions on Vehicular Technology, 2021, 70, 8186-8200.	6.3	12
69	Ubiquitous Tracking for Autonomous Underwater Vehicle With IoUT: A Rigid-Graph-Based Solution. IEEE Internet of Things Journal, 2021, 8, 14094-14109.	8.7	11
70	Reliability-Constrained Throughput Optimization of Industrial Wireless Sensor Networks With Energy Harvesting Relay. IEEE Internet of Things Journal, 2021, 8, 13343-13354.	8.7	99
71	To Hide Private Position Information in Localization for Internet of Underwater Things. IEEE Internet of Things Journal, 2021, 8, 14338-14354.	8.7	12
72	Multi-Energy Microgrids: Designing, operation under new business models, and engineering practices in China. IEEE Electrification Magazine, 2021, 9, 75-82.	1.8	8

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73	Optimization of Relay Power and Load Control Period Based on Cost Sharing Contract in Smart Grid Communications. IEEE Internet of Things Journal, 2021, , 1-1.	8.7	1
74	Channel Estimation for Underwater Acoustic Communications Based on Orthogonal Chirp Division Multiplexing. IEEE Signal Processing Letters, 2021, 28, 1883-1887.	3.6	9
75	Distributed Entrapping Control of Multiagent Systems Using Bearing Measurements. IEEE Transactions on Automatic Control, 2021, 66, 5696-5710.	5.7	19
76	QoS-Aware Heterogeneous Data Transmission Mechanism for Industrial IoT Systems. , 2021, , .		0
77	Deep Reinforcement Learning Based Privacy Preserving Localization of USNs. Wireless Networks, 2021, , 177-215.	0.5	0
78	Future Research Directions. Wireless Networks, 2021, , 217-220.	0.5	0
79	Async-Localization of USNs with Consensus-Based Unscented Kalman Filtering. Wireless Networks, 2021, , 41-67.	0.5	0
80	Asynchronous Localization of Underwater Sensor Networks with Mobility Prediction. Wireless Networks, 2021, , 17-40.	0.5	0
81	Privacy Preserving Asynchronous Localization with Attack Detection and Ray Compensation. Wireless Networks, 2021, , 141-175.	0.5	0
82	Finite-Time Tracking Control of AUV Without Velocity Measurements. Cognitive Intelligence and Robotics, 2021, , 133-164.	0.6	0
83	Localization in Underwater Sensor Networks. Wireless Networks, 2021, , .	0.5	7
84	Rigid Graph-Based Asynchronous Localization of AUVs. Cognitive Intelligence and Robotics, 2021, , 25-59.	0.6	0
85	Slide Mode-Based Joint Localization and Tracking of Single AUV. Cognitive Intelligence and Robotics, 2021, , 61-90.	0.6	0
86	Future Research Directions. Cognitive Intelligence and Robotics, 2021, , 207-211.	0.6	0
87	Autonomous Underwater Vehicles. Cognitive Intelligence and Robotics, 2021, , .	0.6	8
88	Joint Localization and Tracking of AUV Via Multivariate Probabilistic Collocation. Cognitive Intelligence and Robotics, 2021, , 91-112.	0.6	0
89	Age-of-Task Aware Sampling Rate Optimization in Edge-Assisted Industrial Network Systems. , 2021, , .		1
90	QoS-Aware Mapping and Scheduling for Virtual Network Functions in Industrial 5G-TSN Network. , 2021, , .		9

#	ARTICLE	IF	CITATIONS
91	Communication and Computation Resource Allocation for Digital Twin in IIoT Systems. , 2021, , .		2
92	Discrete-Event-Based Deterministic Execution Semantics With Timestamps for Industrial Cyber-Physical Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 851-862.	9.3	19
93	Research Progress on Intelligent System's Learning, Optimization, and Control"Part II: Online Sparse Kernel Adaptive Algorithm. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 5369-5385.	9.3	8
94	Decentralized Adaptive Output Feedback Fault Detection and Control for Uncertain Nonlinear Interconnected Systems. IEEE Transactions on Cybernetics, 2020, 50, 935-945.	9.5	27
95	Distributed Output Feedback Leader-Following Control for High-Order Nonlinear Multiagent System Using Dynamic Gain Method. IEEE Transactions on Cybernetics, 2020, 50, 640-649.	9.5	18
96	Distributed Event-Triggered Consensus of Multiagent Systems With Communication Delays: A Hybrid System Approach. IEEE Transactions on Cybernetics, 2020, 50, 3169-3181.	9.5	28
97	Stabilization of T-S Fuzzy System With Time Delay Under Sampled-Data Control Using a New Looped-Functional. IEEE Transactions on Fuzzy Systems, 2020, 28, 400-407.	9.8	102
98	Distributed Adaptive Output Feedback Leader-Following Consensus Control for Nonlinear Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4309-4317.	9.3	24
99	Effects of quantization and saturation on performance in bilateral teleoperator. International Journal of Robust and Nonlinear Control, 2020, 30, 121-141.	3.7	5
100	Position Tracking Control of Remotely Operated Underwater Vehicles With Communication Delay. IEEE Transactions on Control Systems Technology, 2020, 28, 2506-2514.	5.2	22
101	Asynchronous Localization of Underwater Target Using Consensus-Based Unscented Kalman Filtering. IEEE Journal of Oceanic Engineering, 2020, 45, 1466-1481.	3.8	26
102	Integral Sliding Mode Control Using a Disturbance Observer for Vehicle Platoons. IEEE Transactions on Industrial Electronics, 2020, 67, 6639-6648.	7.9	69
103	Globally Stable Formation Control of Nonholonomic Multiagent Systems With Bearing-Only Measurement. IEEE Systems Journal, 2020, 14, 2901-2912.	4.6	19
104	Efficient QoS Support for Robust Resource Allocation in Blockchain-Based Femtocell Networks. IEEE Transactions on Industrial Informatics, 2020, 16, 7070-7080.	11.3	37
105	On-Demand Transmission for Edge-Assisted Remote Control in Industrial Network Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 4842-4854.	11.3	27
106	Output feedback-based consensus control for nonlinear time delay multiagent systems. Automatica, 2020, 111, 108669.	5.0	81
107	Occupancy Estimation in Buildings Based on Infrared Array Sensors Detection. IEEE Sensors Journal, 2020, 20, 1043-1053.	4.7	29
108	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

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109	Subchannel and resource allocation in cognitive radio sensor network with wireless energy harvesting. <i>Computer Networks</i> , 2020, 167, 107028.	5.1	20
110	Robust Power Control for Clustering-Based Vehicle-to-Vehicle Communication. <i>IEEE Systems Journal</i> , 2020, 14, 2557-2568.	4.6	9
111	Joint Interference Management and Power Allocation for Relay-Assisted Smart Grid Communications. <i>IEEE Internet of Things Journal</i> , 2020, 7, 1927-1938.	8.7	4
112	Corrections to "Optimal Energy Consumption for Consensus of Multi-Agent Systems With Communication Faults". <i>IEEE Access</i> , 2020, 8, 179070-179072.	4.2	0
113	Differential Private Noise Adding Mechanism and Its Application on Consensus Algorithm. <i>IEEE Transactions on Signal Processing</i> , 2020, 68, 4069-4082.	5.3	41
114	Bearing Rigidity-Based Localizability Analysis for Wireless Sensor Networks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2020, 6, 526-539.	2.8	2
115	Lower Bound Accuracy of Bearing-Based Localization for Wireless Sensor Networks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2020, 6, 556-569.	2.8	6
116	Energy-Spectral Efficiency Optimization in Vehicular Communications: Joint Clustering and Pricing-Based Robust Power Control Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 13673-13685.	6.3	22
117	NOMA-Assisted On-Demand Transmissions for Monitoring Applications in Industrial IoT Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 12264-12276.	6.3	12
118	CPCA: A Chebyshev Proxy and Consensus based Algorithm for General Distributed Optimization. , 2020, , .		3
119	Noncooperative Mobile Target Tracking Using Multiple AUVs in Anchor-Free Environments. <i>IEEE Internet of Things Journal</i> , 2020, 7, 9819-9833.	8.7	15
120	Rate Maximization for Hybrid Access Femtocell Networks With Outage Constraints Based on Pricing Incentive Mechanism. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 6699-6708.	6.3	7
121	Semi-Global Leaderless Consensus of Linear Multi-agent Systems with Actuator and Communication Constraints. <i>Journal of Systems Science and Complexity</i> , 2020, 33, 882-902.	2.8	14
122	Approach of Robust Resource Allocation in Cognitive Radio Network With Spectrum Leasing. <i>IEEE Transactions on Green Communications and Networking</i> , 2020, 4, 413-422.	5.5	9
123	Robust resource allocation in two-tier NOMA heterogeneous networks toward 5G. <i>Computer Networks</i> , 2020, 176, 107299.	5.1	12
124	Model-free adaptive iterative sliding mode control for a robotic exoskeleton trajectory tracking system. <i>International Journal of Systems Science</i> , 2020, 51, 1782-1797.	5.5	9
125	AUV-Aided Localization for Underwater Acoustic Sensor Networks With Current Field Estimation. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 8855-8870.	6.3	49
126	Detection and Location of Bias Load Injection Attack in Smart Grid via Robust Adaptive Observer. <i>IEEE Systems Journal</i> , 2020, 14, 4454-4465.	4.6	9



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127	A Hybrid Event-Triggered Approach to Consensus of Multiagent Systems With Disturbances. IEEE Transactions on Control of Network Systems, 2020, 7, 1259-1271.	3.7	47
128	Energy trading in microgrids for synergies among electricity, hydrogen and heat networks. Applied Energy, 2020, 272, 115225.	10.1	43
129	AIIV-Aided Localization for Internet of Underwater Things: A Reinforcement-Learning-Based Method. IEEE Internet of Things Journal, 2020, 7, 9728-9746.	8.7	57
130	Learning-Based Autonomous Scheduling for AoI-Aware Industrial Wireless Networks. IEEE Internet of Things Journal, 2020, 7, 9175-9188.	8.7	16
131	Robust Secure Transmission and Power Transfer in Heterogeneous Networks With Confidential Information. IEEE Transactions on Vehicular Technology, 2020, 69, 11192-11205.	6.3	4
132	Enhanced model-free adaptive iterative learning control with load disturbance and data dropout. International Journal of Systems Science, 2020, 51, 2057-2067.	5.5	16
133	Fast data-driven iterative event-triggered control for nonlinear networked discrete systems with data dropouts and sensor saturation. Journal of the Franklin Institute, 2020, 357, 8364-8382.	3.4	17
134	Event-based leader-following consensus for uncertain nonlinear multiagent systems. IET Control Theory and Applications, 2020, 14, 577-583.	2.1	4
135	Power control of D2D communication based on quality of service assurance under imperfect channel information. Peer-to-Peer Networking and Applications, 2020, 13, 1327-1339.	3.9	2
136	Energy-efficient resource allocation in wireless powered CCRNs with simultaneous wireless information and power transfer. Computer Communications, 2020, 153, 159-168.	5.1	7
137	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
138	Detection and Isolation of False Data Injection Attacks in Smart Grid via Unknown Input Interval Observer. IEEE Internet of Things Journal, 2020, 7, 3214-3229.	8.7	33
139	A Metric for Light Field Reconstruction, Compression, and Display Quality Evaluation. IEEE Transactions on Image Processing, 2020, 29, 3790-3804.	9.8	90
140	Global output feedback regulation of nonlinear time delay systems subject to sensor measurement faults. International Journal of Robust and Nonlinear Control, 2020, 30, 2292-2303.	3.7	7
141	A Multimodal Saliency Model for Videos With High Audio-Visual Correspondence. IEEE Transactions on Image Processing, 2020, 29, 3805-3819.	9.8	112
142	Full state constraints-based adaptive tracking control for uncertain nonlinear stochastic systems with input saturation. Journal of the Franklin Institute, 2020, 357, 5125-5142.	3.4	26
143	Cooperative Transmission for AoI-Penalty Aware State Estimation in Marine IoT Systems. , 2020, , .		1
144	Constrained Distributed Nonconvex Optimization over Time-varying Directed Graphs. , 2020, , .		0

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145	Entrapping a target in an arbitrarily shaped orbit by a single robot using bearing measurements. <i>Automatica</i> , 2020, 113, 108805.	5.0	21
146	Tumble Strength Prediction for Sintering: Data-driven Modeling and Scheme Design. , 2020, , .		4
147	Leader-Following Output Consensus for High-Order Nonlinear Multiagent Systems. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 1156-1161.	5.7	63
148	MAB-based two-tier learning algorithms for joint channel and power allocation in stochastic underwater acoustic communication networks. <i>Soft Computing</i> , 2019, 23, 7181-7192.	3.6	3
149	Optimal Topology Recovery Scheme for Multi-robot Formation Control. , 2019, , .		3
150	Detection and isolation of false data injection attack for smart grids via unknown input observers. <i>IET Generation, Transmission and Distribution</i> , 2019, 13, 1277-1286.	2.5	31
151	Detection and Isolation of False Data Injection Attacks in Smart Grids via Nonlinear Interval Observer. <i>IEEE Internet of Things Journal</i> , 2019, 6, 6498-6512.	8.7	43
152	An Adaptive Control Defense Scheme of False Data Injection Attacks in Smart Grids. , 2019, , .		5
153	Robust power control based on hierarchical game for hybrid access femtocell networks. <i>IET Communications</i> , 2019, 13, 1607-1614.	2.2	3
154	Sum Rate Maximization for Multi-Carrier SWIPT Relay System With Non-Ideal Power Amplifier and Circuit Power Consumption. <i>IEEE Access</i> , 2019, 7, 89805-89820.	4.2	6
155	Multiple Autonomous Underwater Vehicle Cooperative Localization in Anchor-Free Environments. <i>IEEE Journal of Oceanic Engineering</i> , 2019, 44, 895-911.	3.8	46
156	Distributed detection and isolation of bias injection attack in smart energy grid via interval observer. <i>Applied Energy</i> , 2019, 256, 113703.	10.1	24
157	Optimal Energy Consumption for Consensus of Multi-Agent Systems With Communication Faults. <i>IEEE Access</i> , 2019, 7, 138941-138949.	4.2	3
158	Event-Triggered Consensus Control for Second-Order Multi-Agent Systems With/Without Input Time Delay. <i>IEEE Access</i> , 2019, 7, 156993-157002.	4.2	4
159	A Mobile Anchor Node Assisted RSSI Localization Scheme in Underwater Wireless Sensor Networks. <i>Sensors</i> , 2019, 19, 4369.	3.8	21
160	Optimal Power Scheduling for Remote State Estimation: A Quantitative and Analytical Approach. , 2019, , .		1
161	An approach of robust power control for cognitive radio networks based on chance constraints. <i>Peer-to-Peer Networking and Applications</i> , 2019, 12, 280-290.	3.9	1
162	Robust power control strategy based on hierarchical game with QoS provisioning in full-duplex femtocell networks. <i>Computer Networks</i> , 2019, 160, 92-104.	5.1	5

#	ARTICLE	IF	CITATIONS
163	Leader-following consensus for high-order stochastic multi-agent systems via dynamic output feedback control. <i>Automatica</i> , 2019, 107, 418-424.	5.0	54
164	Tracking control of a remotely operated underwater vehicle with time delay and actuator saturation. <i>Ocean Engineering</i> , 2019, 184, 299-310.	4.3	16
165	A Trusted-ID Referenced Key Scheme for Securing SCADA Communication in Iron and Steel Plants. <i>IEEE Access</i> , 2019, 7, 46947-46958.	4.2	8
166	Funnel-like prescribed tracking control for uncertain nonlinear stochastic switched systems. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 3936-3953.	3.7	3
167	Dynamic surface based tracking control of uncertain quadrotor unmanned aerial vehicles with multiple state variable constraints. <i>IET Control Theory and Applications</i> , 2019, 13, 526-533.	2.1	16
168	DSESP: Dual sparsity estimation subspace pursuit for the compressive sensing based close-loop ecg monitoring structure. <i>Peer-to-Peer Networking and Applications</i> , 2019, 12, 1311-1322.	3.9	2
169	Joint Localization and Tracking Design for AUV With Asynchronous Clocks and State Disturbances. <i>IEEE Transactions on Vehicular Technology</i> , 2019, 68, 4707-4720.	6.3	37
170	Semi-global/global output consensus for nonlinear multiagent systems with time delays. <i>Automatica</i> , 2019, 103, 480-489.	5.0	53
171	Asynchronous Localization for UASNs: An Unscented Transform-Based Method. <i>IEEE Signal Processing Letters</i> , 2019, 26, 602-606.	3.6	21
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