

Xin-Ping Guan

List of Publications by Year in descending order

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525
papers

10,681
citations

36303

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64796

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532
all docs

532
docs citations

532
times ranked

7061
citing authors

#	ARTICLE	IF	CITATIONS
1	Delay-Dependent Guaranteed Cost Control for Tâ€™S Fuzzy Systems With Time Delays. IEEE Transactions on Fuzzy Systems, 2004, 12, 236-249.	9.8	479
2	Robust backstepping control for a class of time delayed systems. IEEE Transactions on Automatic Control, 2005, 50, 894-899.	5.7	234
3	Finite/Fixed-Time Stabilization for Nonlinear Interconnected Systems With Dead-Zone Input. IEEE Transactions on Automatic Control, 2017, 62, 2554-2560.	5.7	181
4	Distributed Adaptive Neural Network Output Tracking of Leader-Following High-Order Stochastic Nonlinear Multiagent Systems With Unknown Dead-Zone Input. IEEE Transactions on Cybernetics, 2017, 47, 177-185.	9.5	150
5	Distributed Optimal Consensus Filter for Target Tracking in Heterogeneous Sensor Networks. IEEE Transactions on Cybernetics, 2013, 43, 1963-1976.	9.5	147
6	Objective Quality Evaluation of Dehazed Images. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 2879-2892.	8.0	134
7	New Delay-Dependent Stability Criteria for Neural Networks With Time-Varying Delay Using Delay-Decomposition Approach. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1378-1383.	11.3	133
8	Event-Triggered Leader-Following Consensus for Nonlinear Multiagent Systems Subject to Actuator Saturation Using Dynamic Output Feedback Method. IEEE Transactions on Automatic Control, 2018, 63, 4391-4396.	5.7	130
9	Output Feedback Stabilization for Time-Delay Nonlinear Interconnected Systems Using Neural Networks. IEEE Transactions on Neural Networks, 2008, 19, 673-688.	4.2	129
10	Quality Evaluation of Image Dehazing Methods Using Synthetic Hazy Images. IEEE Transactions on Multimedia, 2019, 21, 2319-2333.	7.2	129
11	Finite Time Control Design for Bilateral Teleoperation System With Position Synchronization Error Constrained. IEEE Transactions on Cybernetics, 2016, 46, 609-619.	9.5	128
12	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
13	Leader-following consensus for a class of high-order nonlinear multi-agent systems. Automatica, 2016, 73, 138-144.	5.0	121
14	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
15	Decentralized Output Feedback Adaptive NN Tracking Control for Time-Delay Stochastic Nonlinear Systems With Prescribed Performance. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2749-2759.	11.3	114
16	A Multimodal Saliency Model for Videos With High Audio-Visual Correspondence. IEEE Transactions on Image Processing, 2020, 29, 3805-3819.	9.8	112
17	Asynchronous Localization With Mobility Prediction for Underwater Acoustic Sensor Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 2543-2556.	6.3	106
18	Adaptive Fuzzy Prescribed Performance Control for Nonlinear Switched Time-Delay Systems With Unmodeled Dynamics. IEEE Transactions on Fuzzy Systems, 2018, 26, 1934-1945.	9.8	105

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Formation Control of Heterogeneous Discrete-Time Nonlinear Multi-Agent Systems With Uncertainties. IEEE Transactions on Industrial Electronics, 2017, 64, 4730-4740.	7.9	97
22	A Metric for Light Field Reconstruction, Compression, and Display Quality Evaluation. IEEE Transactions on Image Processing, 2020, 29, 3790-3804.	9.8	90
23	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
24	Industrial Edge Computing: Enabling Embedded Intelligence. IEEE Industrial Electronics Magazine, 2019, 13, 48-56.	2.6	87
25	Adaptive Leader-Following Consensus for Second-Order Time-Varying Nonlinear Multiagent Systems. IEEE Transactions on Cybernetics, 2017, 47, 1532-1539.	9.5	86
26	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
27	Backhaul-Aware User Association and Resource Allocation for Energy-Constrained HetNets. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	81
28	Output feedback-based consensus control for nonlinear time delay multiagent systems. Automatica, 2020, 111, 108669.	5.0	81
29	Event-Based Dynamic Output Feedback Adaptive Fuzzy Control for Stochastic Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 3004-3015.	9.8	80
30	Preserving Data-Privacy With Added Noises: Optimal Estimation and Privacy Analysis. IEEE Transactions on Information Theory, 2018, 64, 5677-5690.	2.4	71
31	Self-Triggered Leader-Following Consensus for High-Order Nonlinear Multiagent Systems via Dynamic Output Feedback Control. IEEE Transactions on Cybernetics, 2019, 49, 2002-2010.	9.5	69
32	Integral Sliding Mode Control Using a Disturbance Observer for Vehicle Platoons. IEEE Transactions on Industrial Electronics, 2020, 67, 6639-6648.	7.9	69
33	Finite-time consensus of multi-agent system via nonlinear event-triggered control strategy. IET Control Theory and Applications, 2015, 9, 2548-2552.	2.1	66
34	Distributed Adaptive Fuzzy Containment Control of Stochastic Pure-Feedback Nonlinear Multiagent Systems With Local Quantized Controller and Tracking Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 787-796.	9.3	65
35	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
36	Leader-Following Output Consensus for High-Order Nonlinear Multiagent Systems. IEEE Transactions on Automatic Control, 2019, 64, 1156-1161.	5.7	63

#	ARTICLE	IF	CITATIONS
37	Distributed output feedback consensus tracking prescribed performance control for a class of nonlinear multi-agent systems with unknown disturbances. IET Control Theory and Applications, 2016, 10, 877-883.	2.1	61
38	TIME-DELAYED FEEDBACK CONTROL OF TIME-DELAY CHAOTIC SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2003, 13, 193-205.	1.7	60
39	Output Feedback Distributed Containment Control for High-Order Nonlinear Multiagent Systems. IEEE Transactions on Cybernetics, 2017, 47, 2032-2043.	9.5	60
40	Chance-Constrained Optimization in D2D-Based Vehicular Communication Network. IEEE Transactions on Vehicular Technology, 2019, 68, 5045-5058.	6.3	59
41	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
42	H/sub /spl infin// output feedback control of discrete-time fuzzy systems with application to chaos control. IEEE Transactions on Fuzzy Systems, 2005, 13, 531-543.	9.8	57
43	Finite-time output-feedback synchronization control for bilateral teleoperation system via neural networks. Information Sciences, 2017, 406-407, 216-233.	6.9	57
44	Privacy-Preserving Average Consensus: Privacy Analysis and Algorithm Design. IEEE Transactions on Signal and Information Processing Over Networks, 2019, 5, 127-138.	2.8	57
45	Fractional-order sliding mode control of uncertain QUAVs with time-varying state constraints. Nonlinear Dynamics, 2019, 95, 1347-1360.	5.2	57
46	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
47	Bayesian Block Structure Sparse Based Tâ€“S Fuzzy Modeling for Dynamic Prediction of Hot Metal Silicon Content in the Blast Furnace. IEEE Transactions on Industrial Electronics, 2018, 65, 4933-4942.	7.9	55
48	Leader-following consensus for high-order stochastic multi-agent systems via dynamic output feedback control. Automatica, 2019, 107, 418-424.	5.0	54
49	Fuzzy Estimation of Feed-Cutting Force From Current Measurementâ€”A Case Study on Intelligent Tool Wear Condition Monitoring. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2004, 34, 506-512.	2.9	53
50	Semi-global/global output consensus for nonlinear multiagent systems with time delays. Automatica, 2019, 103, 480-489.	5.0	53
51	Dynamic coverage with wireless sensor and actor networks in underwater environment. IEEE/CAA Journal of Automatica Sinica, 2015, 2, 274-281.	13.1	52
52	Adaptive Formation Control of Cooperative Teleoperators With Intermittent Communications. IEEE Transactions on Cybernetics, 2019, 49, 2514-2523.	9.5	52
53	Output feedback control for interconnected time-delay systems with prescribed performance. Neurocomputing, 2014, 129, 208-215.	5.9	49
54	Toward Self-Manageable and Adaptive Industrial Cyber-Physical Systems With Knowledge-Driven Autonomic Service Management. IEEE Transactions on Industrial Informatics, 2017, 13, 725-736.	11.3	49

#	ARTICLE	IF	CITATIONS
55	Fixed-Time Prescribed Tracking Control for Stochastic Nonlinear Systems With Unknown Measurement Sensitivity. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 3722-3732.	9.5	49
56	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
57	Hierarchical-Game-Based Uplink Power Control in Femtocell Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2014, 63, 2819-2835.	6.3	47
58	A Hybrid Event-Triggered Approach to Consensus of Multiagent Systems With Disturbances. <i>IEEE Transactions on Control of Network Systems</i> , 2020, 7, 1259-1271.	3.7	47
59	Dissipativity Analysis for T-S Fuzzy System Under Memory Sampled-Data Control. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 961-969.	9.5	47
60	Autonomous Channel Switching: Towards Efficient Spectrum Sharing for Industrial Wireless Sensor Networks. <i>IEEE Internet of Things Journal</i> , 2016, 3, 231-243.	8.7	46
61	Multiple Autonomous Underwater Vehicle Cooperative Localization in Anchor-Free Environments. <i>IEEE Journal of Oceanic Engineering</i> , 2019, 44, 895-911.	3.8	46
62	Nonfragile Consensus of Multiagent Systems Based on Memory Sampled-Data Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 391-399.	9.3	46
63	A New Master-Slave Torque Design for Teleoperation System by T-S Fuzzy Approach. <i>IEEE Transactions on Control Systems Technology</i> , 2015, 23, 1611-1619.	5.2	45
64	Output Feedback H^∞ Control for 2-D State-Delayed Systems. <i>Circuits, Systems, and Signal Processing</i> , 2009, 28, 147-167.	2.0	44
65	Feedback-Based Target Localization in Underwater Sensor Networks: A Multisensor Fusion Approach. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2019, 5, 168-180.	2.8	44
66	Leader-Following Consensus for High-Order Nonlinear Stochastic Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 1882-1891.	9.5	44
67	H^∞ filtering of 2-D discrete state-delayed systems. <i>Multidimensional Systems and Signal Processing</i> , 2009, 20, 265-284.	2.6	43
68	Finite-time consensus of nonlinear multi-agent system with prescribed performance. <i>Nonlinear Dynamics</i> , 2018, 91, 2397-2409.	5.2	43
69	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
70	Energy trading in microgrids for synergies among electricity, hydrogen and heat networks. <i>Applied Energy</i> , 2020, 272, 115225.	10.1	43
71	Leader-following consensus for multiagent systems subject to actuator saturation with switching topologies and time-varying delays. <i>IET Control Theory and Applications</i> , 2016, 10, 144-150.	2.1	41
72	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

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73	Application of a new image segmentation method to detection of defects in castings. International Journal of Advanced Manufacturing Technology, 2009, 43, 431-439.	3.0	39
74	Joint Fronthaul Multicast Beamforming and User-Centric Clustering in Downlink C-RANs. IEEE Transactions on Wireless Communications, 2017, 16, 5395-5409.	9.2	39
75	Connected Vehicular Transportation: Data Analytics and Traffic-Dependent Networking. IEEE Vehicular Technology Magazine, 2017, 12, 42-54.	3.4	38
76	Observer-based cyber attack detection and isolation in smart grids. International Journal of Electrical Power and Energy Systems, 2018, 101, 127-138.	5.5	38
77	An Exact Stability Condition for Bilateral Teleoperation With Delayed Communication Channel. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 434-439.	9.3	37
78	Joint Localization and Tracking Design for AUV With Asynchronous Clocks and State Disturbances. IEEE Transactions on Vehicular Technology, 2019, 68, 4707-4720.	6.3	37
79	Efficient QoS Support for Robust Resource Allocation in Blockchain-Based Femtocell Networks. IEEE Transactions on Industrial Informatics, 2020, 16, 7070-7080.	11.3	37
80	Stability analysis of time-delay systems via free-matrix-based double integral inequality. International Journal of Systems Science, 2017, 48, 257-263.	5.5	35
81	A Support Vector Learning-Based Particle Filter Scheme for Target Localization in Communication-Constrained Underwater Acoustic Sensor Networks. Sensors, 2018, 18, 8.	3.8	35
82	On Exploring the Domain of Attraction for Bilateral Teleoperator Subject to Interval Delay and Saturated P + d Control Scheme. IEEE Transactions on Automatic Control, 2017, 62, 2923-2928.	5.7	34
83	Fuzzy Classifier Design for Development Tendency of Hot Metal Silicon Content in Blast Furnace. IEEE Transactions on Industrial Informatics, 2018, 14, 1115-1123.	11.3	34
84	Cooperative Stabilization for Linear Switched Systems With Asynchronous Switching. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1081-1087.	9.3	34
85	Relay Selection in Underwater Acoustic Cooperative Networks: A Contextual Bandit Approach. IEEE Communications Letters, 2017, 21, 382-385.	4.1	33
86	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
87	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
88	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
89	Distributed formation control for teleoperating cyber-physical system under time delay and actuator saturation constrains. Information Sciences, 2016, 370-371, 680-694.	6.9	31
90	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

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91	Detection and isolation of false data injection attack for smart grids via unknown input observers. IET Generation, Transmission and Distribution, 2019, 13, 1277-1286.	2.5	31
92	Target tracking and obstacle avoidance for multi-agent systems. International Journal of Automation and Computing, 2010, 7, 550-556.	4.5	30
93	Finite-time consensus for nonlinear multi-agent systems with time-varying delay: An auxiliary system approach. Journal of the Franklin Institute, 2018, 355, 2703-2719.	3.4	30
94	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
95	Pricing Mechanism With Noncooperative Game and Revenue Sharing Contract in Electricity Market. IEEE Transactions on Cybernetics, 2019, 49, 97-106.	9.5	30
96	Aol-Aware Control and Communication Co-Design for Industrial IoT Systems. IEEE Internet of Things Journal, 2021, 8, 8464-8473.	8.7	30
97	Age-of-Information Aware Scheduling for Edge-Assisted Industrial Wireless Networks. IEEE Transactions on Industrial Informatics, 2021, 17, 5562-5571.	11.3	30
98	Adaptive control for cooperative linear output regulation of heterogeneous multi-agent systems with periodic switching topology. IET Control Theory and Applications, 2015, 9, 34-41.	2.1	29
99	Distributed Control for Charging Multiple Electric Vehicles with Overload Limitation. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 3441-3454.	5.6	29
100	Optimal gray PID controller design for automatic voltage regulator system via imperialist competitive algorithm. International Journal of Machine Learning and Cybernetics, 2016, 7, 229-240.	3.6	29
101	A Cloud-Based Decision Support System for Self-Healing in Distributed Automation Systems Using Fault Tree Analysis. IEEE Transactions on Industrial Informatics, 2018, 14, 989-1000.	11.3	29
102	Decentralized event-triggered control for interconnected time-delay stochastic nonlinear systems using neural networks. Neurocomputing, 2018, 272, 270-278.	5.9	29
103	Specified-Time Vehicular Platoon Control With Flexible Safe Distance Constraint. IEEE Transactions on Vehicular Technology, 2019, 68, 10489-10503.	6.3	29
104	Occupancy Estimation in Buildings Based on Infrared Array Sensors Detection. IEEE Sensors Journal, 2020, 20, 1043-1053.	4.7	29
105	Joint Beamformer Design for Wireless Fronthaul and Access Links in C-RANs. IEEE Transactions on Wireless Communications, 2018, 17, 2869-2881.	9.2	28
106	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
107	Differentially Private Distributed Optimization via State and Direction Perturbation in Multiagent Systems. IEEE Transactions on Automatic Control, 2022, 67, 722-737.	5.7	28
108	Optimal demand response scheduling with Stackelberg game approach under load uncertainty for smart grid. , 2012, , .		27

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109	Decentralized Adaptive Output Feedback Fault Detection and Control for Uncertain Nonlinear Interconnected Systems. IEEE Transactions on Cybernetics, 2020, 50, 935-945.	9.5	27
110	On-Demand Transmission for Edge-Assisted Remote Control in Industrial Network Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 4842-4854.	11.3	27
111	Channel-Aware Access for Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2009, 58, 3726-3737.	6.3	26
112	Cooperative Relaying Strategies for Smart Grid Communications: Bargaining Models and Solutions. IEEE Internet of Things Journal, 2017, 4, 2315-2325.	8.7	26
113	Mitigating Quantization Effects on Distributed Sensor Fusion: A Least Squares Approach. IEEE Transactions on Signal Processing, 2018, 66, 3459-3474.	5.3	26
114	Asynchronous Localization of Underwater Target Using Consensus-Based Unscented Kalman Filtering. IEEE Journal of Oceanic Engineering, 2020, 45, 1466-1481.	3.8	26
115	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
116	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
117	Adaptive fuzzy dynamic surface control for uncertain nonlinear systems. International Journal of Automation and Computing, 2009, 6, 385-390.	4.5	25
118	Fair Resource Allocation and Admission Control in Wireless Multiuser Amplify-and-Forward Relay Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 1383-1397.	6.3	25
119	Designing Dual-Tone Radio Interferometric Positioning Systems. IEEE Transactions on Signal Processing, 2015, 63, 1351-1365.	5.3	25
120	IoT-Based Proactive Energy Supply Control for Connected Electric Vehicles. IEEE Internet of Things Journal, 2019, 6, 7395-7405.	8.7	25
121	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
122	Decentralized output feedback controller design for nonlinear interconnected systems with unknown control direction and time-varying delays. International Journal of Adaptive Control and Signal Processing, 2014, 28, 1160-1173.	4.1	24
123	Decentralised fault-tolerant finite-time control for a class of interconnected nonlinear systems. IET Control Theory and Applications, 2015, 9, 2331-2339.	2.1	24
124	Finite-time consensus control for second-order multi-agent systems without velocity measurements. International Journal of Systems Science, 2017, 48, 337-346.	5.5	24
125	Co-design of stabilisation and transmission scheduling for wireless control systems. IET Control Theory and Applications, 2017, 11, 1767-1778.	2.1	24
126	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

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127	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
128	State Estimation Oriented Wireless Transmission for Ubiquitous Monitoring in Industrial Cyber-Physical Systems. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2019, 7, 187-201.	4.6	24
129	Distributed Adaptive Output Feedback Leader-Following Consensus Control for Nonlinear Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 4309-4317.	9.3	24
130	Event-Triggered Iterative Learning Containment Control of Model-Free Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 7719-7726.	9.3	24
131	Comments on "State Feedback Stabilization for a Class of Stochastic Time-Delay Nonlinear Systems". <i>IEEE Transactions on Automatic Control</i> , 2004, 49, 1216-1216.	5.7	23
132	Flocking for multi-agent systems with optimally rigid topology based on information weighted Kalman consensus filter. <i>International Journal of Control, Automation and Systems</i> , 2017, 15, 138-148.	2.7	23
133	Data-Driven Bayesian-Based Takagi-Sugeno Fuzzy Modeling for Dynamic Prediction of Hot Metal Silicon Content in Blast Furnace. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 1087-1099.	9.3	23
134	Resource Allocation Based on User Pairing and Subcarrier Matching for Downlink Non-Orthogonal Multiple Access Networks. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021, 8, 679-689.	13.1	23
135	Bearing-based formation control of networked robotic systems with parametric uncertainties. <i>Neurocomputing</i> , 2018, 306, 234-245.	5.9	22
136	RSSI-Based Heading Control for Robust Long-Range Aerial Communication in UAV Networks. <i>IEEE Internet of Things Journal</i> , 2019, 6, 1675-1689.	8.7	22
137	Position Tracking Control of Remotely Operated Underwater Vehicles With Communication Delay. <i>IEEE Transactions on Control Systems Technology</i> , 2020, 28, 2506-2514.	5.2	22
138	Proactive Power Management Scheme for Hybrid Electric Storage System in EVs: An MPC Method. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020, 21, 5246-5257.	8.0	22
139	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
140	Topology control based on optimally rigid graph in wireless sensor networks. <i>Computer Networks</i> , 2013, 57, 1037-1047.	5.1	21
141	Power Control Based on Maximum Power Adaptation in Two-Tier Femtocell Networks. <i>Wireless Personal Communications</i> , 2013, 70, 331-351.	2.7	21
142	Finite-time coordination control for networked bilateral teleoperation. <i>Robotica</i> , 2015, 33, 451-462.	1.9	21
143	A Mobile Anchor Node Assisted RSSI Localization Scheme in Underwater Wireless Sensor Networks. <i>Sensors</i> , 2019, 19, 4369.	3.8	21
144	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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145	Intelligent Latency-Aware Virtual Network Embedding for Industrial Wireless Networks. IEEE Internet of Things Journal, 2019, 6, 7484-7496.	8.7	21
146	A Novel MIMO 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
147	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
148	Entrapping a target in an arbitrarily shaped orbit by a single robot using bearing measurements. Automatica, 2020, 113, 108805.	5.0	21
149	New Exponential Stability Criteria for Neural Networks With Time-Varying Delay. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 931-935.	3.0	20
150	Collective behavior of mobile agents with state-dependent interactions. Automatica, 2015, 51, 394-401.	5.0	20
151	Application-driven virtual network embedding for industrial wireless sensor networks. , 2017, , .		20
152	Switched Control Strategies of Aggregated Commercial HVAC Systems for Demand Response in Smart Grids. Energies, 2017, 10, 953.	3.1	20
153	Subchannel and resource allocation in cognitive radio sensor network with wireless energy harvesting. Computer Networks, 2020, 167, 107028.	5.1	20
154	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
155	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
156	Robust Power Control for Amplify-and-Forward Relaying Scheme. IEEE Communications Letters, 2015, 19, 263-266.	4.1	19
157	Modeling of the hot metal silicon content in blast furnace using support vector machine optimized by an improved particle swarm optimizer. Neural Computing and Applications, 2016, 27, 1451-1461.	5.6	19
158	Predictive Pre-allocation for Low-latency Uplink Access in Industrial Wireless Networks. , 2018, , .		19
159	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
160	Globally Stable Formation Control of Nonholonomic Multiagent Systems With Bearing-Only Measurement. IEEE Systems Journal, 2020, 14, 2901-2912.	4.6	19
161	Distributed Containment Control for Nonlinear Stochastic Multiagent Systems. IEEE Transactions on Cybernetics, 2021, 51, 3361-3370.	9.5	19
162	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

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163	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
164	Distributed Entrapping Control of Multiagent Systems Using Bearing Measurements. IEEE Transactions on Automatic Control, 2021, 66, 5696-5710.	5.7	19
165	Nonconvex Optimization for Power Control in Wireless CDMA Networks. Wireless Personal Communications, 2011, 58, 851-865.	2.7	18
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