

Zheng-tao Ding

List of Publications by Year in descending order

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271
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272
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272
times ranked

3772
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Interval Consensus of Multiagent Systems With a Pulse Width Modulation Protocol. IEEE Transactions on Automatic Control, 2023, 68, 1730-1737.	3.6	4
2	Solving the Zero-Sum Control Problem for Tidal Turbine System: An Online Reinforcement Learning Approach. IEEE Transactions on Cybernetics, 2023, 53, 7635-7647.	6.2	11
3	Distributed Generalized Nash Equilibrium Seeking and Its Application to Femtocell Networks. IEEE Transactions on Cybernetics, 2022, 52, 2505-2517.	6.2	12
4	Velocity-Based Path Following Control for Autonomous Vehicles to Avoid Exceeding Road Friction Limits Using Sliding Mode Method. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1947-1958.	4.7	19
5	Bearing-Only Formation Control With Prespecified Convergence Time. IEEE Transactions on Cybernetics, 2022, 52, 620-629.	6.2	22
6	Consensus-Based Cooperative Algorithms for Training Over Distributed Data Sets Using Stochastic Gradients. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5579-5589.	7.2	7
7	Differential Graphical Games for Constrained Autonomous Vehicles Based on Viability Theory. IEEE Transactions on Cybernetics, 2022, 52, 8897-8910.	6.2	4
8	Surrogate-Assisted Cooperation Control of Network-Connected Doubly Fed Induction Generator Wind Farm With Maximized Reactive Power Capacity. IEEE Transactions on Industrial Informatics, 2022, 18, 197-206.	7.2	3
9	On the game-theoretic analysis of distributed generative adversarial networks. International Journal of Intelligent Systems, 2022, 37, 516-534.	3.3	1
10	Optimized Anti-Windup Coordinating Strategy for Torque-Maximized High-Speed Flux-Weakening Operation of Constrained Induction Motor Drives. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 2030-2041.	3.7	3
11	Enhanced distributed state estimation with resilience to multiple disturbances and false data injection attacks. International Journal of Robust and Nonlinear Control, 2022, 32, 1075-1092.	2.1	10
12	A distributed deep reinforcement learning method for traffic light control. Neurocomputing, 2022, 490, 390-399.	3.5	18
13	Intrinsic Cram�r-Rao bounds for distributed Bayesian estimator. Information Fusion, 2022, 81, 129-142.	11.7	0
14	Adaptive Backstepping Control of Uncertain Sandwich-Like Nonlinear Systems With Deadzone Nonlinearity. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7268-7278.	5.9	9
15	Fuzzy-Based Adaptive Optimization of Unknown Discrete-Time Nonlinear Markov Jump Systems With Off-Policy Reinforcement Learning. IEEE Transactions on Fuzzy Systems, 2022, 30, 5276-5290.	6.5	10
16	Distributed Motion Planning for Safe Autonomous Vehicle Overtaking via Artificial Potential Field. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21531-21547.	4.7	36
17	Distributed Heuristic Adaptive Neural Networks With Variance Reduction in Switching Graphs. IEEE Transactions on Cybernetics, 2021, 51, 3836-3844.	6.2	3
18	Distributed Multiobjective Optimization for Network Resource Allocation of Multiagent Systems. IEEE Transactions on Cybernetics, 2021, 51, 5800-5810.	6.2	12

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19	Fully-Distributed Deloading Operation of DFIG-Based Wind Farm for Load Sharing. IEEE Transactions on Sustainable Energy, 2021, 12, 430-440.	5.9	29
20	Event-Based Resilient Formation Control of Multiagent Systems. IEEE Transactions on Cybernetics, 2021, 51, 2490-2503.	6.2	21
21	Distributed finite-time output consensus tracking for a class of high-order nonlinear multiagent systems with the powers of positive odd rational numbers and output constraints. International Journal of Robust and Nonlinear Control, 2021, 31, 358-379.	2.1	4
22	Event-triggered anti-disturbance attitude control for rigid spacecrafts with multiple disturbances. International Journal of Robust and Nonlinear Control, 2021, 31, 344-357.	2.1	22
23	Predictive Descriptor Observer Design for a Class of Linear Time-Invariant Systems With Applications to Quadrotor Trajectory Tracking. IEEE Transactions on Industrial Electronics, 2021, 68, 10019-10028.	5.2	16
24	Distributed Consensus of Nonlinear Multi-Agent Systems With Mismatched Uncertainties and Unknown High-Frequency Gains. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 938-942.	2.2	23
25	Path Tracking Control of Autonomous Vehicles Subject to Deception Attacks via a Learning-Based Event-Triggered Mechanism. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5644-5653.	7.2	53
26	Distributed Optimization for Integrated Frequency Regulation and Economic Dispatch in Microgrids. IEEE Transactions on Smart Grid, 2021, 12, 4595-4606.	6.2	18
27	High-Resolution Time-to-Digital Converters Implemented on 40-, 28-, and 20-nm FPGAs. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	2.4	8
28	Surrogate-based distributed optimisation for expensive black-box functions. Automatica, 2021, 125, 109407.	3.0	20
29	Coordination Strategy of Large-Scale DFIG-Based Wind Farm for Voltage Support With High Converter Capacity Utilization. IEEE Transactions on Sustainable Energy, 2021, 12, 1416-1425.	5.9	14
30	A consensus-based decentralized training algorithm for deep neural networks with communication compression. Neurocomputing, 2021, 440, 287-296.	3.5	10
31	A novel nonlinear filter through constructing the parametric Gaussian regression process. Nonlinear Dynamics, 2021, 105, 579-602.	2.7	3
32	Graphical Minimax Game and Off-Policy Reinforcement Learning for Heterogeneous MASs with Spanning Tree Condition. Research on World Agricultural Economy, 2021, 01, .	0.8	5
33	A Strategic Day-ahead bidding strategy and operation for battery energy storage system by reinforcement learning. Electric Power Systems Research, 2021, 196, 107229.	2.1	20
34	Short term load forecasting with markovian switching distributed deep belief networks. International Journal of Electrical Power and Energy Systems, 2021, 130, 106942.	3.3	21
35	On Compensating Actuator Delays in Consensus Control Under Undirected Graphs. IEEE Transactions on Automatic Control, 2021, 66, 4769-4776.	3.6	7
36	Variational Bayesian inference for the identification of FIR systems via quantized output data. Automatica, 2021, 132, 109827.	3.0	4

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37	Adaptive delay compensation for consensus control under switching topologies by observerâ€‘predictor. Automatica, 2021, 132, 109811.	3.0	3
38	Distributed neural network enhanced power generation strategy of large-scale wind power plant for power expansion. Applied Energy, 2021, 303, 117622.	5.1	4
39	Cooperative Training over Networks via Consensus-based Algorithms. , 2021, , .		2
40	A novel iterative observer approach for real-time harmonic estimation in power distribution networks. IET Generation, Transmission and Distribution, 2021, 15, 226-236.	1.4	2
41	Probabilistic Transmission Scheme for Distributed Filtering Over Randomly Lossy Sensor Networks in the Presence of Eavesdropper. IEEE Transactions on Control of Network Systems, 2021, , 1-1.	2.4	0
42	Distributed Continuous-Time Optimization With Scalable Adaptive Event-Based Mechanisms. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3252-3257.	5.9	32
43	Second-order event-triggered adaptive containment control for a class of multi-agent systems. ISA Transactions, 2020, 96, 132-142.	3.1	20
44	Reinforcement learning and adaptive optimization of a class of Markov jump systems with completely unknown dynamic information. Neural Computing and Applications, 2020, 32, 14311-14320.	3.2	47
45	Adaptive Optimal Control for a Class of Nonlinear Systems: The Online Policy Iteration Approach. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 549-558.	7.2	128
46	RBFNN-Based Minimum Entropy Filtering for a Class of Stochastic Nonlinear Systems. IEEE Transactions on Automatic Control, 2020, 65, 376-381.	3.6	61
47	Distributed Training for Multi-Layer Neural Networks by Consensus. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1771-1778.	7.2	24
48	Networked controller and observer design of discrete-time systems with inaccurate model parameters. ISA Transactions, 2020, 98, 75-86.	3.1	8
49	Distributed Consensus Observer for Multiagent Systems With High-Order Integrator Dynamics. IEEE Transactions on Automatic Control, 2020, 65, 1771-1778.	3.6	93
50	Distributed Optimal Coordination for Heterogeneous Linear Multiagent Systems With Event-Triggered Mechanisms. IEEE Transactions on Automatic Control, 2020, 65, 1763-1770.	3.6	80
51	Distributed nonlinear Kalman filter with communication protocol. Information Sciences, 2020, 513, 270-288.	4.0	21
52	Fully distributed affine formation control of general linear systems with uncertainty. Journal of the Franklin Institute, 2020, 357, 12143-12162.	1.9	11
53	Cascade structure predictive observer design for consensus control with applications to UAVs formation flying. Automatica, 2020, 121, 109200.	3.0	52
54	Distributed output feedback consensus control of networked homogeneous systems with large unknown actuator and sensor delays. Automatica, 2020, 122, 109249.	3.0	13

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55	Time-varying multi-objective optimisation over switching graphs via fixed-time consensus algorithms. International Journal of Systems Science, 2020, 51, 2793-2806.	3.7	11
56	Online distributed distance-based outlier clearance approaches for wireless sensor networks. Pervasive and Mobile Computing, 2020, 63, 101130.	2.1	9
57	Torque Vectoring and Rear-Wheel-Steering Control for Vehicle's Uncertain Slips on Soft and Slope Terrain Using Sliding Mode Algorithm. IEEE Transactions on Vehicular Technology, 2020, 69, 3805-3815.	3.9	63
58	Parametric adaptive control of single-rod electrohydraulic system with block-strict-feedback model. Automatica, 2020, 113, 108807.	3.0	48
59	Optimal Frequency Restoration of Inverter-Interfaced Microgrids via Distributed Energy Management. IFAC-PapersOnLine, 2020, 53, 12936-12941.	0.5	0
60	Cooperative Transmission for Aol-Penalty Aware State Estimation in Marine IoT Systems. , 2020, , .		1
61	Platoon control of connected autonomous vehicles: A distributed reinforcement learning method by consensus. IFAC-PapersOnLine, 2020, 53, 15241-15246.	0.5	6
62	Robustness to delay mismatch in consensus control under undirected graphs. IFAC-PapersOnLine, 2020, 53, 7671-7676.	0.5	1
63	An Optimal Day-ahead Bidding Strategy and Operation for Battery Energy Storage System by Reinforcement Learning. IFAC-PapersOnLine, 2020, 53, 13190-13195.	0.5	2
64	Coordinated Sensing Coverage with Distributed Deep Reinforcement Learning. , 2020, , .		0
65	High performance nonlinear adaptive control of temperature in cryogenic wind tunnel. International Journal of Robust and Nonlinear Control, 2019, 29, 5118-5136.	2.1	2
66	Demand-side management using a distributed initialisation-free optimisation in a smart grid. IET Renewable Power Generation, 2019, 13, 1533-1543.	1.7	6
67	Adaptive output regulation of uncertain nonlinear systems with unknown control directions. Science China Information Sciences, 2019, 62, 1.	2.7	15
68	Operating Point Selected Flux-Weakening Control of Induction Motor for Torque-Improved High-Speed Operation Under Multiple Working Conditions. IEEE Transactions on Power Electronics, 2019, 34, 12011-12023.	5.4	11
69	Distributed Back-Stepping Consensus Protocol for Attitude Synchronization and Tracking on Undirected Graphs. Unmanned Systems, 2019, 07, 25-32.	2.7	17
70	Bearing-Only Formation Tracking Control of Multiagent Systems. IEEE Transactions on Automatic Control, 2019, 64, 4541-4554.	3.6	112
71	Disturbance rejection via iterative learning control with a disturbance observer for active magnetic bearing systems. Frontiers of Information Technology and Electronic Engineering, 2019, 20, 131-140.	1.5	13
72	Tracking Consensus of General Nonlinear Multiagent Systems With External Disturbances Under Directed Networks. IEEE Transactions on Automatic Control, 2019, 64, 4772-4779.	3.6	38

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73	Adaptive learning: robust stabilization of two-player games with unmodeled dynamics. , 2019, , .		0
74	Affine Formation Maneuver Control of Multi-Agent Systems with Triple-Integrator Dynamics. , 2019, , .		14
75	Quantized consensus of nonlinear systems. , 2019, , .		0
76	Iterative Learning Control for the Shank Part of Lower Limb Exoskeleton. , 2019, , .		1
77	Optimal Affine Formation Control of Linear Multi-agent System. , 2019, , .		6
78	Synchronization Tracking of a Class of Uncertain Nonidentical Networked Euler-Lagrange Systems on Directed Graphs. , 2019, , .		1
79	Optimized Flux-Weakening Control with Virtue Voltage Buffer for Saturated High-Speed Induction Motor Drives. , 2019, , .		2
80	Distributed Nash Equilibrium Searching via Fixed-Time Consensus-Based Algorithms. , 2019, , .		5
81	Finite-Time Synchronization for a Class of Dynamical Complex Networks with Nonidentical Nodes and Uncertain Disturbance. Journal of Systems Science and Complexity, 2019, 32, 818-834.	1.6	16
82	Affine Formation Algorithms and Implementation Based on Triple-Integrator Dynamics. Unmanned Systems, 2019, 07, 33-45.	2.7	14
83	Off-Policy Interleaved Q^* -Learning: Optimal Control for Affine Nonlinear Discrete-Time Systems. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1308-1320.	7.2	95
84	Consensus-Based Distributed Optimal Energy Management With Less Communication in a Microgrid. IEEE Transactions on Industrial Informatics, 2019, 15, 3356-3367.	7.2	30
85	Fixed-Time Formation Control of Multirobot Systems: Design and Experiments. IEEE Transactions on Industrial Electronics, 2019, 66, 6292-6301.	5.2	129
86	Robust $\hat{\alpha}$ - $\hat{\beta}$ disturbance attenuation for a class of uncertain Lipschitz nonlinear systems with input delay. International Journal of Control, 2019, 92, 1015-1021.	1.2	3
87	Predictor-Based Extended-State-Observer Design for Consensus of MASs With Delays and Disturbances. IEEE Transactions on Cybernetics, 2019, 49, 1259-1269.	6.2	126
88	Decentralized Adaptive Event-Triggered H_∞ Filtering for a Class of Networked Nonlinear Interconnected Systems. IEEE Transactions on Cybernetics, 2019, 49, 1570-1579.	6.2	144
89	Robust Cooperative Guidance Law for Simultaneous Arrival. IEEE Transactions on Control Systems Technology, 2019, 27, 1360-1367.	3.2	37
90	Attitude control design for reusable launch vehicles using adaptive fuzzy control with compensation controller. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2019, 233, 823-836.	0.7	6

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91	Robust finite-time guidance against maneuverable targets with unpredictable evasive strategies. Aerospace Science and Technology, 2018, 77, 534-544.	2.5	9
92	Off-Policy Q-Learning: Set-Point Design for Optimizing Dual-Rate Rougher Flotation Operational Processes. IEEE Transactions on Industrial Electronics, 2018, 65, 4092-4102.	5.2	65
93	Continuous Finite-Time Output Regulation of Nonlinear Systems With Unmatched Time-Varying Disturbances. , 2018, 2, 97-102.		38
94	Distributed Agent Consensus-Based Optimal Resource Management for Microgrids. IEEE Transactions on Sustainable Energy, 2018, 9, 443-452.	5.9	64
95	Fuzzy disturbance observer-based dynamic surface control for air-breathing hypersonic vehicle with variable geometry inlets. IET Control Theory and Applications, 2018, 12, 10-19.	1.2	29
96	Distributed Finite-Time Optimal Resource Management for Microgrids Based on Multi-Agent Framework. IEEE Transactions on Industrial Electronics, 2018, 65, 6571-6580.	5.2	74
97	Fixed-Time Consensus Tracking for Multiagent Systems With High-Order Integrator Dynamics. IEEE Transactions on Automatic Control, 2018, 63, 563-570.	3.6	499
98	Attitude controller design for reusable launch vehicles during reentry phase via compound adaptive fuzzy H-infinity control. Aerospace Science and Technology, 2018, 72, 36-48.	2.5	41
99	Finite-Time Consensus for Second-Order Multi-Agent Systems With Input Saturation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1758-1762.	2.2	88
100	Cooperative Optimal Control of Battery Energy Storage System Under Wind Uncertainties in a Microgrid. IEEE Transactions on Power Systems, 2018, 33, 2292-2300.	4.6	78
101	Distributed Adaptive Convex Optimization on Directed Graphs via Continuous-Time Algorithms. IEEE Transactions on Automatic Control, 2018, 63, 1434-1441.	3.6	134
102	Given-time consensus for stochastic Markov jump networks by dynamic output feedback. Transactions of the Institute of Measurement and Control, 2018, 40, 3160-3168.	1.1	3
103	Distributed optimization on unbalanced graphs via continuous-time methods. Science China Information Sciences, 2018, 61, 1.	2.7	4
104	A Dynamic Approach for Harmonic Sources Identification with Time Delay in Distribution Networks. , 2018, , .		0
105	Distributed formation control for a leader-follower structure on directed graphs with a model unknown leader. , 2018, , .		1
106	Distributed Coverage Optimization and Control with Applications to Precision Agriculture. , 2018, , .		1
107	Distributed Optimization on Unbalanced Time-Varying Topologies: Theories and Experiments. , 2018, , .		1
108	H ∞ Control for Discrete-time Linear Systems by Integrating Off-policy Q-learning and Zero-sum Game. , 2018, , .		1

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109	A Revisit to Gradient-Descent Bearing-Only Formation Control. , 2018, , .		5
110	Distributed Multisensor Fusion With Outlier Clearance Technique for Sensor Networks. , 2018, , .		1
111	Model Fitting Filter. , 2018, , .		0
112	Modeling and switching control of air-breathing hypersonic vehicle with variable geometry inlet. Journal of the Franklin Institute, 2018, 355, 6904-6926.	1.9	12
113	Adaptive NN leader-following consensus control of second-order nonlinear multi-agent systems with unknown control gains. , 2018, , .		1
114	The Application of Heterogeneous Information Fusion in Misalignment Fault Diagnosis of Wind Turbines. Energies, 2018, 11, 1655.	1.6	9
115	Simultaneous Mean and Covariance Correction Filter for Orbit Estimation. Sensors, 2018, 18, 1444.	2.1	2
116	Robust control of unmanned helicopters with high-order mismatched disturbances via disturbance-compensation-gain construction approach. Journal of the Franklin Institute, 2018, 355, 7158-7177.	1.9	14
117	Adaptive Output Regulation of Output Feedback Systems with Unknown Nonlinear Exosystems and Unknown High-Frequency Gain Sign. , 2018, , .		3
118	Model-free adaptive control for MEA-based post-combustion carbon capture processes. Fuel, 2018, 224, 637-643.	3.4	24
119	Sampled-data synchronization of chaotic Lurâ€™e systems via an adaptive event-triggered approach. Information Sciences, 2018, 462, 40-54.	4.0	18
120	Distributed Adaptive Consensus Disturbance Rejection for Multi-Agent Systems on Directed Graphs. IEEE Transactions on Control of Network Systems, 2018, 5, 629-639.	2.4	85
121	A Truncated Prediction Approach to Consensus Control of Lipschitz Nonlinear Multiagent Systems With Input Delay. IEEE Transactions on Control of Network Systems, 2017, 4, 716-724.	2.4	87
122	An iterative observer approach to harmonic estimation for multiple measurements in power distribution systems. Transactions of the Institute of Measurement and Control, 2017, 39, 599-610.	1.1	10
123	Stochastic given-time Hâˆž consensus over Markov jump networks with disturbance constraint. Transactions of the Institute of Measurement and Control, 2017, 39, 1253-1261.	1.1	4
124	Modeling and nonlinear control for air-breathing hypersonic vehicle with variable geometry inlet. Aerospace Science and Technology, 2017, 67, 422-432.	2.5	34
125	Optimal Bidding and Operation of a Power Plant with Solvent-Based Carbon Capture under a CO ₂ Allowance Market: A Solution with a Reinforcement Learning-Based Sarsa Temporal-Difference Algorithm. Engineering, 2017, 3, 257-265.	3.2	5
126	Distributed Initialization-Free Cost-Optimal Charging Control of Plug-In Electric Vehicles for Demand Management. IEEE Transactions on Industrial Informatics, 2017, 13, 2791-2801.	7.2	30

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127	Global output regulation for a class of lower triangular nonlinear systems: A feedback domination approach. <i>Automatica</i> , 2017, 76, 65-69.	3.0	40
128	Truncated Predictor Control of Lipschitz Nonlinear Systems With Time-Varying Input Delay. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 5324-5330.	3.6	41
129	Operation and Bidding Strategies of Power Plants with Carbon Capture. <i>IFAC-PapersOnLine</i> , 2017, 50, 3244-3249.	0.5	6
130	Distributed collision-free coverage control of mobile robots with consensus-based approach. , 2017, , .		10
131	Fixed-time nonlinear consensus algorithms for multi-agent systems with input delay. , 2017, , .		3
132	Formation control with disturbance rejection for a class of Lipschitz nonlinear systems. <i>Science China Information Sciences</i> , 2017, 60, 1.	2.7	35
133	Distributed Adaptive Consensus Output Regulation of Network-Connected Heterogeneous Unknown Linear Systems on Directed Graphs. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 4683-4690.	3.6	53
134	Robust consensus control of uncertain multi-agent systems with input delay: a model reduction method. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 1874-1894.	2.1	48
135	Consensus disturbance rejection for Lipschitz nonlinear multi-agent systems with input delay: A DOBC approach. <i>Journal of the Franklin Institute</i> , 2017, 354, 298-315.	1.9	58
136	Optimal tracking control for discrete-time systems by model-free off-policy Q-learning approach. , 2017, , .		2
137	Consensus disturbance rejection of network-connected dynamic systems with input delay and unknown network connectivity * *This research was supported by the National Natural Science Foundation of China (No. 61673034), and the China Scholarship Council (CSC).. <i>IFAC-PapersOnLine</i> , 2017, 50, 10357-10362.	0.5	4
138	X-ray pulsar based autonomous navigation for lunar rovers. , 2017, , .		0
139	Backstepping control of sandwich-like nonlinear systems with deadzone nonlinearity. <i>IET Control Theory and Applications</i> , 2017, 11, 3122-3129.	1.2	9
140	Control scheme for LTI systems with Lipschitz nonlinearity and unknown time-varying input delay. <i>IET Control Theory and Applications</i> , 2017, 11, 3191-3195.	1.2	12
141	Gradient-based collision avoidance algorithm for second-order multi-agent formation control. , 2017, , .		7
142	Optimal energy management of microgrid via distributed primal-dual dynamics for fast frequency recovery. , 2017, , .		2
143	Adaptive backstepping control of gear transmission systems with elastic deadzone. , 2017, , .		2
144	Stochastic consensus control with finite frequency specification for Markov jump networks. <i>International Journal of Robust and Nonlinear Control</i> , 2016, 26, 2961-2974.	2.1	12

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145	Cooperative control of distributed battery energy storage systems in Microgrids. , 2016, , .		5
146	Adaptive consensus disturbance rejection for multi-agent systems on directed graphs. , 2016, , .		0
147	Output feedback disturbance rejection for a class of linear systems with input delay via DOBC approach. , 2016, , .		1
148	Unmatched disturbance rejection for AMB systems via DOBC approach. , 2016, , .		0
149	Output-based disturbance rejection control for non-linear uncertain systems with unknown frequency disturbances using an observer backstepping approach. IET Control Theory and Applications, 2016, 10, 1052-1060.	1.2	34
150	Disturbance observers and applications. Transactions of the Institute of Measurement and Control, 2016, 38, 621-624.	1.1	14
151	Fixed-time stabilization of second-order uncertain multivariable nonlinear systems. , 2016, , .		7
152	Data-driven policy iteration algorithm for optimal control of continuous-time Itô stochastic systems with Markovian jumps. IET Control Theory and Applications, 2016, 10, 1431-1439.	1.2	29
153	Distributed adaptive consensus control of nonlinear output-feedback systems on directed graphs. Automatica, 2016, 72, 46-52.	3.0	113
154	Improved EPLL performance using multiple sinusoidal signal integrators for grid-connected VSC system synchronisation. , 2016, , .		1
155	A new iterative algorithm for solving H^∞ control problem of continuous-time Markovian jumping linear systems based on online implementation. International Journal of Robust and Nonlinear Control, 2016, 26, 3737-3754.	2.1	31
156	consensus control of multi-agent systems with input delay and directed topology. IET Control Theory and Applications, 2016, 10, 617-624.	1.2	54
157	Truncated Prediction Output Feedback Control of a Class of Lipschitz Nonlinear Systems With Input Delay. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 788-792.	2.2	26
158	Distributed adaptive controllers for cooperative output regulation of heterogeneous agents over directed graphs. Automatica, 2016, 68, 179-183.	3.0	170
159	Control of Gear Transmission Servo Systems With Asymmetric Deadzone Nonlinearity. IEEE Transactions on Control Systems Technology, 2016, 24, 1472-1479.	3.2	31
160	A dynamic approach to identification of multiple harmonic sources in power distribution systems. International Journal of Electrical Power and Energy Systems, 2016, 81, 175-183.	3.3	23
161	Leader-follower consensus control of Lipschitz nonlinear systems by output feedback. International Journal of Systems Science, 2016, 47, 3772-3781.	3.7	13
162	Distributed adaptive output regulation controllers of heterogeneous linear multi-agent systems with directed graphs. , 2015, , .		1

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163	Stochastic finite-time consensualisation for Markov jump networks with disturbance. IET Control Theory and Applications, 2015, 9, 2340-2347.	1.2	9
164	Fully distributed adaptive consensus control of multi-agent systems with LQR performance index. , 2015, , .		4
165	Online adaptive optimal control for continuous-time Markov jump linear systems using a novel policy iteration algorithm. IET Control Theory and Applications, 2015, 9, 1536-1543.	1.2	37
166	Consensus Disturbance Rejection With Disturbance Observers. IEEE Transactions on Industrial Electronics, 2015, 62, 5829-5837.	5.2	181
167	Distributed adaptive consensus and output tracking of unknown linear systems on directed graphs. Automatica, 2015, 55, 12-18.	3.0	83
168	Consensus Control of a Class of Lipschitz Nonlinear Systems With Input Delay. IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 2730-2738.	3.5	118
169	Adaptive consensus output regulation of a class of nonlinear systems with unknown high-frequency gain. Automatica, 2015, 51, 348-355.	3.0	189
170	Truncated state prediction for control of Lipschitz nonlinear systems with input delay. , 2014, , .		19
171	Almost Asymptotic Regulation of Markovian Jumping Linear Systems in Discrete Time. Asian Journal of Control, 2014, 16, 1869-1879.	1.9	4
172	State feedback consensus controller with states estimation for a nonlinear class system. , 2014, , .		1
173	Adaptive Lipschitz Observer Design for a Mammalian Model. Asian Journal of Control, 2014, 16, 335-344.	1.9	3
174	Consensus control of a class of nonlinear systems with communication time delay. , 2014, , .		2
175	An iterative observer for harmonic estimation in power distribution networks. , 2014, , .		2
176	Consensus control of network connected mobile robots with input delay. , 2014, , .		0
177	A Simulation Study of the Planar Electrostatic Ion Trap Mass Analyzer. Journal of the American Society for Mass Spectrometry, 2013, 24, 356-364.	1.2	7
178	Consensus Output Regulation of a Class of Heterogeneous Nonlinear Systems. IEEE Transactions on Automatic Control, 2013, 58, 2648-2653.	3.6	184
179	Output regulation of a class of continuous-time Markovian jumping systems. Signal Processing, 2013, 93, 411-419.	2.1	19
180	Optimal consensus control of linear multi-agent systems with communication time delay. IET Control Theory and Applications, 2013, 7, 1899-1905.	1.2	29

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181	Reduced-order observer design of multi-output nonlinear systems with application to a circadian model. Transactions of the Institute of Measurement and Control, 2013, 35, 417-425.	1.1	4
182	Asymptotic rejection of unmatched general periodic disturbances with nonlinear Lipschitz internal models. International Journal of Control, 2013, 86, 210-221.	1.2	21
183	Nonlinear control design and stability analysis of a small-scale unmanned helicopter. , 2013, , .		1
184	Adaptive consensus output regulation of a class of heterogeneous nonlinear systems. , 2013, , .		1
185	Consensus control of a class of nonlinear systems. , 2013, , .		4
186	Energy-balancing-based control design for power systems. , 2012, , .		2
187	Counter-examples design to global convergence of maximum likelihood estimators. , 2012, , .		0
188	CIRCADIAN PHASE RE-SETTING USING NONLINEAR OUTPUT-FEEDBACK CONTROL. Journal of Biological Systems, 2012, 20, 1-19.	0.5	5
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