

Zheng-tao Ding

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213
papers

4,087
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36
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56
g-index

272
ext. papers

5,474
ext. citations

4.5
avg, IF

6.74
L-index

#	Paper	IF	Citations
213	Fixed-Time Consensus Tracking for Multiagent Systems With High-Order Integrator Dynamics. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 563-570	5.9	286
212	Adaptive consensus output regulation of a class of nonlinear systems with unknown high-frequency gain. <i>Automatica</i> , 2015 , 51, 348-355	5.7	138
211	Consensus Output Regulation of a Class of Heterogeneous Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 2648-2653	5.9	133
210	Global stabilization and disturbance suppression of a class of nonlinear systems with uncertain internal model. <i>Automatica</i> , 2003 , 39, 471-479	5.7	128
209	Consensus Disturbance Rejection With Disturbance Observers. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 5829-5837	8.9	120
208	Distributed adaptive controllers for cooperative output regulation of heterogeneous agents over directed graphs. <i>Automatica</i> , 2016 , 68, 179-183	5.7	108
207	Decentralized Adaptive Event-Triggered H Filtering for a Class of Networked Nonlinear Interconnected Systems. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1570-1579	10.2	98
206	Consensus Control of a Class of Lipschitz Nonlinear Systems With Input Delay. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2015 , 62, 2730-2738	3.9	86
205	Adaptive Optimal Control for a Class of Nonlinear Systems: The Online Policy Iteration Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 549-558	10.3	79
204	Distributed adaptive consensus control of nonlinear output-feedback systems on directed graphs. <i>Automatica</i> , 2016 , 72, 46-52	5.7	73
203	Distributed Adaptive Convex Optimization on Directed Graphs via Continuous-Time Algorithms. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 1434-1441	5.9	72
202	Output regulation of uncertain nonlinear systems with nonlinear exosystems. <i>IEEE Transactions on Automatic Control</i> , 2006 , 51, 498-503	5.9	70
201	Universal disturbance rejection for nonlinear systems in output feedback form. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 1222-1227	5.9	68
200	Predictor-Based Extended-State-Observer Design for Consensus of MASs With Delays and Disturbances. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1259-1269	10.2	65
199	Global adaptive output regulation of a class of nonlinear systems with nonlinear exosystems. <i>Automatica</i> , 2007 , 43, 143-149	5.7	63
198	Fixed-Time Formation Control of Multirobot Systems: Design and Experiments. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 6292-6301	8.9	63
197	Distributed adaptive consensus and output tracking of unknown linear systems on directed graphs. <i>Automatica</i> , 2015 , 55, 12-18	5.7	61

196	Global output regulation of uncertain nonlinear systems with exogenous signals. <i>Automatica</i> , 2001 , 37, 113-119	5.7	60
195	Decentralised power system load frequency control beyond the limit of diagonal dominance. <i>International Journal of Electrical Power and Energy Systems</i> , 2002 , 24, 173-184	5.1	59
194	Finite-Time Consensus for Second-Order Multi-Agent Systems With Input Saturation. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 1758-1762	3.5	58
193	A Truncated Prediction Approach to Consensus Control of Lipschitz Nonlinear Multiagent Systems With Input Delay. <i>IEEE Transactions on Control of Network Systems</i> , 2017 , 4, 716-724	4	56
192	Distributed Adaptive Consensus Disturbance Rejection for Multi-Agent Systems on Directed Graphs. <i>IEEE Transactions on Control of Network Systems</i> , 2018 , 5, 629-639	4	54
191	Off-Policy Interleaved Q -Learning: Optimal Control for Affine Nonlinear Discrete-Time Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1308-1320	10.3	52
190	Adaptive control of non-linear systems with unknown virtual control coefficients. <i>International Journal of Adaptive Control and Signal Processing</i> , 2000 , 14, 505-517	2.8	51
189	Cooperative Optimal Control of Battery Energy Storage System Under Wind Uncertainties in a Microgrid. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 2292-2300	7	49
188	Global adaptive output feedback stabilization of nonlinear systems of any relative degree with unknown high-frequency gains. <i>IEEE Transactions on Automatic Control</i> , 1998 , 43, 1442-1446	5.9	48
187	A flat-zone modification for robust adaptive control of nonlinear output feedback systems with unknown high-frequency gains. <i>IEEE Transactions on Automatic Control</i> , 2002 , 47, 358-363	5.9	47
186	Distributed Consensus Observer for Multiagent Systems With High-Order Integrator Dynamics. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 1771-1778	5.9	47
185	Distributed Agent Consensus-Based Optimal Resource Management for Microgrids. <i>IEEE Transactions on Sustainable Energy</i> , 2018 , 9, 443-452	8.2	45
184	Off-Policy Q-Learning: Set-Point Design for Optimizing Dual-Rate Rougher Flotation Operational Processes. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 4092-4102	8.9	44
183	Torque Vectoring and Rear-Wheel-Steering Control for Vehicle's Uncertain Slips on Soft and Slope Terrain Using Sliding Mode Algorithm. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 3805-3815	6.8	43
182	Distributed Finite-Time Optimal Resource Management for Microgrids Based on Multi-Agent Framework. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 6571-6580	8.9	43
181	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	4	40
180	Asymptotic rejection of asymmetric periodic disturbances in output-feedback nonlinear systems. <i>Automatica</i> , 2007 , 43, 555-561	5.7	39
179	Robust tracking control of uncertain nonlinear systems with unknown control directions. <i>Systems and Control Letters</i> , 2001 , 42, 1-10	2.4	37

178	Global output regulation for a class of lower triangular nonlinear systems: A feedback domination approach. <i>Automatica</i> , 2017 , 76, 65-69	5.7	36
177	Asymptotic rejection of general periodic disturbances in output-feedback nonlinear systems. <i>IEEE Transactions on Automatic Control</i> , 2006 , 51, 303-308	5.9	35
176	. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 376-381	5.9	35
175	consensus control of multi-agent systems with input delay and directed topology. <i>IET Control Theory and Applications</i> , 2016 , 10, 617-624	2.5	34
174	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	5.9	32
173	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	3.6	32
172	Asymptotic rejection of unknown sinusoidal disturbances in nonlinear systems. <i>Automatica</i> , 2007 , 43, 174-177	5.7	29
171	Output-based disturbance rejection control for non-linear uncertain systems with unknown frequency disturbances using an observer backstepping approach. <i>IET Control Theory and Applications</i> , 2016 , 10, 1052-1060	2.5	29
170	Distributed Optimal Coordination for Heterogeneous Linear Multiagent Systems With Event-Triggered Mechanisms. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 1763-1770	5.9	29
169	Cascade structure predictive observer design for consensus control with applications to UAVs formation flying. <i>Automatica</i> , 2020 , 121, 109200	5.7	28
168	Bearing-Only Formation Tracking Control of Multiagent Systems. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 4541-4554	5.9	27
167	Modeling and nonlinear control for air-breathing hypersonic vehicle with variable geometry inlet. <i>Aerospace Science and Technology</i> , 2017 , 67, 422-432	4.9	26
166	Online adaptive optimal control for continuous-time Markov jump linear systems using a novel policy iteration algorithm. <i>IET Control Theory and Applications</i> , 2015 , 9, 1536-1543	2.5	26
165	Distributed Initialization-Free Cost-Optimal Charging Control of Plug-In Electric Vehicles for Demand Management. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 2791-2801	11.9	25
164	Continuous Finite-Time Output Regulation of Nonlinear Systems With Unmatched Time-Varying Disturbances 2018 , 2, 97-102		25
163	Attitude controller design for reusable launch vehicles during reentry phase via compound adaptive fuzzy H-infinity control. <i>Aerospace Science and Technology</i> , 2018 , 72, 36-48	4.9	25
162	Adaptive control of triangular systems with nonlinear parameterization. <i>IEEE Transactions on Automatic Control</i> , 2001 , 46, 1963-1968	5.9	25
161	Reinforcement learning and adaptive optimization of a class of Markov jump systems with completely unknown dynamic information. <i>Neural Computing and Applications</i> , 2020 , 32, 14311-14320	4.8	25

160	Truncated Predictor Control of Lipschitz Nonlinear Systems With Time-Varying Input Delay. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 5324-5330	5.9	24
159	Data-driven policy iteration algorithm for optimal control of continuous-time Itô stochastic systems with Markovian jumps. <i>IET Control Theory and Applications</i> , 2016 , 10, 1431-1439	2.5	23
158	Parametric adaptive control of single-rod electrohydraulic system with block-strict-feedback model. <i>Automatica</i> , 2020 , 113, 108807	5.7	22
157	A new iterative algorithm for solving H _∞ control problem of continuous-time Markovian jumping linear systems based on online implementation. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 3737-3754	3.6	22
156	Fuzzy disturbance observer-based dynamic surface control for air-breathing hypersonic vehicle with variable geometry inlets. <i>IET Control Theory and Applications</i> , 2018 , 12, 10-19	2.5	21
155	Control of Gear Transmission Servo Systems With Asymmetric Deadzone Nonlinearity. <i>IEEE Transactions on Control Systems Technology</i> , 2016 , 24, 1472-1479	4.8	21
154	Model-free adaptive control for MEA-based post-combustion carbon capture processes. <i>Fuel</i> , 2018 , 224, 637-643	7.1	21
153	Consensus control of a class of Lipschitz nonlinear systems. <i>International Journal of Control</i> , 2014 , 1-11	1.5	19
152	Global Output Feedback Stabilization of Nonlinear Systems With Nonlinearity of Unmeasured States. <i>IEEE Transactions on Automatic Control</i> , 2009 , 54, 1117-1122	5.9	19
151	Adaptive estimation and rejection of unknown sinusoidal disturbances through measurement feedback for a class of non-minimum phase non-linear MIMO systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2006 , 20, 77-97	2.8	19
150	Consensus-Based Distributed Optimal Energy Management With Less Communication in a Microgrid. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3356-3367	11.9	19
149	A dynamic approach to identification of multiple harmonic sources in power distribution systems. <i>International Journal of Electrical Power and Energy Systems</i> , 2016 , 81, 175-183	5.1	18
148	Asymptotic rejection of unmatched general periodic disturbances with nonlinear Lipschitz internal models. <i>International Journal of Control</i> , 2013 , 86, 210-221	1.5	18
147	Truncated Prediction Output Feedback Control of a Class of Lipschitz Nonlinear Systems With Input Delay. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 788-792	3.5	17
146	Distributed Continuous-Time Optimization With Scalable Adaptive Event-Based Mechanisms. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3252-3257	7.3	17
145	Tracking Consensus of General Nonlinear Multiagent Systems With External Disturbances Under Directed Networks. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 4772-4779	5.9	16
144	Output regulation of a class of continuous-time Markovian jumping systems. <i>Signal Processing</i> , 2013 , 93, 411-419	4.4	15
143	Rejection of Nonharmonic Disturbances in Nonlinear Systems With Semi-Global Stability. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2008 , 55, 1289-1293	3.5	15

142	Asymptotic rejection of a class of periodic disturbances in nonlinear output-feedback systems. <i>IET Control Theory and Applications</i> , 2007 , 1, 699-703	2.5	15
141	Optimal consensus control of linear multi-agent systems with communication time delay. <i>IET Control Theory and Applications</i> , 2013 , 7, 1899-1905	2.5	14
140	Distributed Consensus of Nonlinear Multi-Agent Systems With Mismatched Uncertainties and Unknown High-Frequency Gains. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 938-942	3.5	14
139	Truncated state prediction for control of Lipschitz nonlinear systems with input delay 2014 ,		13
138	Asymptotic rejection of unmatched general periodic disturbances in a class of nonlinear systems. <i>IET Control Theory and Applications</i> , 2008 , 2, 269-276	2.5	13
137	Robust Cooperative Guidance Law for Simultaneous Arrival. <i>IEEE Transactions on Control Systems Technology</i> , 2019 , 27, 1360-1367	4.8	13
136	Sampled-data synchronization of chaotic LurĒ systems via an adaptive event-triggered approach. <i>Information Sciences</i> , 2018 , 462, 40-54	7.7	12
135	Distributed nonlinear Kalman filter with communication protocol. <i>Information Sciences</i> , 2020 , 513, 270-288	7.7	12
134	Distributed Training for Multi-Layer Neural Networks by Consensus. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 1771-1778	10.3	12
133	Path Tracking Control of Autonomous Vehicles Subject to Deception Attacks via a Learning-Based Event-Triggered Mechanism. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 5644-5653	10.3	12
132	Adaptive output regulation of uncertain nonlinear systems with unknown control directions. <i>Science China Information Sciences</i> , 2019 , 62, 1	3.4	11
131	Robust control of unmanned helicopters with high-order mismatched disturbances via disturbance-compensation-gain construction approach. <i>Journal of the Franklin Institute</i> , 2018 , 355, 7158-7177	4.1	11
130	Asymptotic rejection of finite frequency modes of general periodic disturbances in output feedback nonlinear systems. <i>Automatica</i> , 2008 , 44, 2317-2325	5.7	11
129	Second-order event-triggered adaptive containment control for a class of multi-agent systems. <i>ISA Transactions</i> , 2020 , 96, 132-142	5.5	11
128	Leader-follower consensus control of Lipschitz nonlinear systems by output feedback. <i>International Journal of Systems Science</i> , 2016 , 47, 3772-3781	2.3	10
127	Stochastic consensus control with finite frequency specification for Markov jump networks. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 2961-2974	3.6	10
126	An iterative observer approach to harmonic estimation for multiple measurements in power distribution systems. <i>Transactions of the Institute of Measurement and Control</i> , 2017 , 39, 599-610	1.8	9
125	Distributed Back-Stepping Consensus Protocol for Attitude Synchronization and Tracking on Undirected Graphs. <i>Unmanned Systems</i> , 2019 , 07, 25-32	3	9

124	Formation control with disturbance rejection for a class of Lipschitz nonlinear systems. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	9
123	Differential stability and design of reduced-order observers for non-linear systems. <i>IET Control Theory and Applications</i> , 2011 , 5, 315-322	2.5	9
122	Asymptotic stabilisation of a class of nonlinear systems via sampled-data output feedback control. <i>International Journal of Control</i> , 2009 , 82, 1738-1746	1.5	9
121	Adaptive disturbance rejection of nonlinear systems in an extended output feedback form. <i>IET Control Theory and Applications</i> , 2007 , 1, 298-303	2.5	9
120	Velocity-Based Path Following Control for Autonomous Vehicles to Avoid Exceeding Road Friction Limits Using Sliding Mode Method. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-12	6.1	9
119	Finite-Time Synchronization for a Class of Dynamical Complex Networks with Nonidentical Nodes and Uncertain Disturbance. <i>Journal of Systems Science and Complexity</i> , 2019 , 32, 818-834	1	9
118	Modeling and switching control of air-breathing hypersonic vehicle with variable geometry inlet. <i>Journal of the Franklin Institute</i> , 2018 , 355, 6904-6926	4	9
117	Robust finite-time guidance against maneuverable targets with unpredictable evasive strategies. <i>Aerospace Science and Technology</i> , 2018 , 77, 534-544	4.9	8
116	Asymptotic rejection of unmatched general periodic disturbances in a class of non-minimum-phase non-linear systems. <i>International Journal of Control</i> , 2009 , 82, 335-342	1.5	8
115	A Sampled-Data Scheme for Adaptive Control of Nonlinear Systems. <i>Proceedings of the American Control Conference</i> , 2007 ,	1.2	8
114	Adaptive stabilization of a class of nonlinear systems with unstable internal dynamics. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 1788-1792	5.9	8
113	Affine Formation Algorithms and Implementation Based on Triple-Integrator Dynamics. <i>Unmanned Systems</i> , 2019 , 07, 33-45	3	8
112	Control scheme for LTI systems with Lipschitz non-linearity and unknown time-varying input delay. <i>IET Control Theory and Applications</i> , 2017 , 11, 3191-3195	2.5	7
111	The Application of Heterogeneous Information Fusion in Misalignment Fault Diagnosis of Wind Turbines. <i>Energies</i> , 2018 , 11, 1655	3.1	7
110	Backstepping control of sandwich-like non-linear systems with deadzone non-linearity. <i>IET Control Theory and Applications</i> , 2017 , 11, 3122-3129	2.5	7
109	A simulation study of the planar electrostatic ion trap mass analyzer. <i>Journal of the American Society for Mass Spectrometry</i> , 2013 , 24, 356-64	3.5	7
108	Sampled-data adaptive control of a class of nonlinear systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2011 , 25, 1050-1060	2.8	7
107	Event-Based Resilient Formation Control of Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 2490-2503	10.2	7

106	Operation and Bidding Strategies of Power Plants with Carbon Capture. <i>IFAC-PapersOnLine</i> , 2017 , 50, 3244-3249	0.7	6
105	Operating Point Selected Flux-Weakening Control of Induction Motor for Torque-Improved High-Speed Operation Under Multiple Working Conditions. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 12011-12023	7.2	6
104	Stochastic finite-time consensualisation for Markov jump networks with disturbance. <i>IET Control Theory and Applications</i> , 2015 , 9, 2340-2347	2.5	6
103	Backstepping stabilization of nonlinear systems with a nonminimum phase zero		6
102	Surrogate-based distributed optimisation for expensive black-box functions. <i>Automatica</i> , 2021 , 125, 109407	5.7	6
101	Coordination Strategy of Large-Scale DFIG-Based Wind Farm for Voltage Support With High Converter Capacity Utilization. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 1416-1425	8.2	6
100	A Strategic Day-ahead bidding strategy and operation for battery energy storage system by reinforcement learning. <i>Electric Power Systems Research</i> , 2021 , 196, 107229	3.5	6
99	Affine Formation Maneuver Control of Multi-Agent Systems with Triple-Integrator Dynamics 2019 ,		6
98	Event-triggered anti-disturbance attitude control for rigid spacecrafts with multiple disturbances. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 344-357	3.6	6
97	Predictive Descriptor Observer Design for a Class of Linear Time-Invariant Systems With Applications to Quadrotor Trajectory Tracking. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 10019-10028	8.9	6
96	Distributed Optimization for Integrated Frequency Regulation and Economic Dispatch in Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2021 , 1-1	10.7	6
95	High-Resolution Time-to-Digital Converters Implemented on 40-, 28-, and 20-nm FPGAs. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-10	5.2	6
94	Distributed collision-free coverage control of mobile robots with consensus-based approach 2017 ,		5
93	Distributed output feedback consensus control of networked homogeneous systems with large unknown actuator and sensor delays. <i>Automatica</i> , 2020 , 122, 109249	5.7	5
92	Fixed-time stabilization of second-order uncertain multivariable nonlinear systems 2016 ,		5
91	Fully-Distributed Deloading Operation of DFIG-Based Wind Farm for Load Sharing. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 430-440	8.2	5
90	Short term load forecasting with markovian switching distributed deep belief networks. <i>International Journal of Electrical Power and Energy Systems</i> , 2021 , 130, 106942	5.1	5
89	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. <i>Engineering</i> , 2017 , 3, 257-265	9.7	4

88	Disturbance rejection via iterative learning control with a disturbance observer for active magnetic bearing systems. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2019 , 20, 131-140	2.2	4
87	Online distributed distance-based outlier clearance approaches for wireless sensor networks. <i>Pervasive and Mobile Computing</i> , 2020 , 63, 101130	3.5	4
86	Gradient-based collision avoidance algorithm for second-order multi-agent formation control 2017 ,		4
85	Almost Asymptotic Regulation of Markovian Jumping Linear Systems in Discrete Time. <i>Asian Journal of Control</i> , 2014 , 16, 1869-1879	1.7	4
84	Observer Design in Convergent Series for a Class of Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 1849-1854	5.9	4
83	Online optimal queue scheme for enhanced transport over wireless links 2010 ,		4
82	Consensus output regulation without state estimation 2012 ,		4
81	Adaptive rejection of non-linear disturbances in extended non-linear output feedback systems. <i>International Journal of Control</i> , 2008 , 81, 1417-1423	1.5	4
80	Fully distributed affine formation control of general linear systems with uncertainty. <i>Journal of the Franklin Institute</i> , 2020 , 357, 12143-12162	4	4
79	Distributed Generalized Nash Equilibrium Seeking and Its Application to Femtocell Networks. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	4
78	Cooperative control of distributed battery energy storage systems in Microgrids 2016 ,		4
77	On Compensating Actuator Delays in Consensus Control Under Undirected Graphs. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 4769-4776	5.9	4
76	Stochastic given-time H _∞ consensus over Markov jump networks with disturbance constraint. <i>Transactions of the Institute of Measurement and Control</i> , 2017 , 39, 1253-1261	1.8	3
75	Demand-side management using a distributed initialisation-free optimisation in a smart grid. <i>IET Renewable Power Generation</i> , 2019 , 13, 1533-1543	2.9	3
74	Distributed Multiobjective Optimization for Network Resource Allocation of Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	3
73	Adaptive Lipschitz Observer Design for a Mammalian Model. <i>Asian Journal of Control</i> , 2014 , 16, 335-344	1.7	3
72	Consensus disturbance rejection of network-connected dynamic systems with input delay and unknown network connectivity. <i>IFAC-PapersOnLine</i> , 2017 , 50, 10357-10362	0.7	3
71	Reduced-order observer design for nonlinear systems with unknown inputs 2011 ,		3

70	CIRCADIAN PHASE RE-SETTING USING NONLINEAR OUTPUT-FEEDBACK CONTROL. <i>Journal of Biological Systems</i> , 2012 , 20, 1-19	1.6	3
69	Output regulation of linear systems with non-linear exosystems. <i>International Journal of Advanced Mechatronic Systems</i> , 2009 , 1, 251	0.2	3
68	Asymptotic rejection of unknown sinusoidal disturbances in non-linear dynamic systems with delay. <i>IET Control Theory and Applications</i> , 2010 , 4, 1039-1046	2.5	3
67	ADAPTIVE ESTIMATION OF UNKNOWN SINUSOIDAL DISTURBANCES IN NON-MINIMUM-PHASE NONLINEAR SYSTEMS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005 , 38, 378-383		3
66	Universal output regulation for nonlinear systems in output feedback form		3
65	Optimized Anti-Windup Coordinating Strategy for Torque-maximized High-Speed Flux-weakening Operation of Constrained Induction Motor Drives. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2020 , 1-1	5.6	3
64	Time-varying multi-objective optimisation over switching graphs via fixed-time consensus algorithms. <i>International Journal of Systems Science</i> , 2020 , 51, 2793-2806	2.3	3
63	Attitude control design for reusable launch vehicles using adaptive fuzzy control with compensation controller. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2019 , 233, 823-836	0.9	3
62	Networked controller and observer design of discrete-time systems with inaccurate model parameters. <i>ISA Transactions</i> , 2020 , 98, 75-86	5.5	3
61	A Revisit to Gradient-Descent Bearing-Only Formation Control 2018 ,		3
60	Bearing-Only Formation Control With Prespecified Convergence Time. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	2
59	Fixed-time nonlinear consensus algorithms for multi-agent systems with input delay 2017 ,		2
58	Fully distributed adaptive consensus control of multi-agent systems with LQR performance index 2015 ,		2
57	Reduced-order observer design of multi-output nonlinear systems with application to a circadian model. <i>Transactions of the Institute of Measurement and Control</i> , 2013 , 35, 417-425	1.8	2
56	Observer Design of Lipschitz Output Nonlinearity with Application to Asymptotic Rejection of General Periodic Disturbances. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 2517-2522		2
55	Quantum mechanics and dynamic programming. <i>Transactions of the Institute of Measurement and Control</i> , 2008 , 30, 33-46	1.8	2
54	Semi-global asymptotic stability of a class of sampled-data nonlinear systems in output feedback form 2008 ,		2
53	Asymptotic Rejection of Disturbances with Asymmetric Wave Patterns in Output-feedback Nonlinear Systems 2006 ,		2

52	Asymptotic Rejection of Unmatched General Periodic Disturbances in Output-feedback Nonlinear Systems. <i>Proceedings of the American Control Conference</i> , 2007 ,	1.2	2
51	Asymptotic rejection of general periodic disturbances		2
50	Optimization of tool change timing in a nut forming process using genetic algorithms. <i>Journal of Intelligent Manufacturing</i> , 2004 , 15, 693-699	6.7	2
49	Optimal Affine Formation Control of Linear Multi-agent System 2019 ,		2
48	Optimized Flux-Weakening Control with Virtue Voltage Buffer for Saturated High-Speed Induction Motor Drives 2019 ,		2
47	Distributed optimization on unbalanced graphs via continuous-time methods. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	2
46	Optimal energy management of microgrid via distributed primal-dual dynamics for fast frequency recovery 2017 ,		1
45	Simultaneous Mean and Covariance Correction Filter for Orbit Estimation. <i>Sensors</i> , 2018 , 18,	3.8	1
44	High performance nonlinear adaptive control of temperature in cryogenic wind tunnel. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 5118-5136	3.6	1
43	An iterative observer for harmonic estimation in power distribution networks 2014 ,		1
42	Optimal tracking control for discrete-time systems by model-free off-policy Q-learning approach 2017 ,		1
41	State feedback consensus controller with states estimation for a nonlinear class system 2014 ,		1
40	Nonlinear control design and stability analysis of a small-scale unmanned helicopter 2013 ,		1
39	Adaptive consensus output regulation of a class of heterogeneous nonlinear systems 2013 ,		1
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