Hong Yiguang

List of Publications by Year
in descending order

231 papers	14,516 citations	28274 55 h-index	19749 117 g-index
232 all docs	232 docs citations	232 times ranked	4809 citing authors

#	Article	IF	Citations
1	Tracking control for multi-agent consensus with an active leader and variable topology. Automatica, 2006, 42, 1177-1182.	5.0	1,749
2	Distributed observers design for leader-following control of multi-agent networks. Automatica, 2008, 44, 846-850.	5.0	1,019
3	Leader-following coordination of multi-agent systems with coupling time delays. Physica A: Statistical Mechanics and Its Applications, 2007, 374, 853-863.	2.6	845
4	Finite-time stabilization and stabilizability of a class of controllable systems. Systems and Control Letters, 2002, 46, 231-236.	2.3	528
5	Finite-time control for robot manipulators. Systems and Control Letters, 2002, 46, 243-253.	2.3	463
6	A survey of distributed optimization. Annual Reviews in Control, 2019, 47, 278-305.	7.9	427
7	A Distributed Control Approach to A Robust Output Regulation Problem for Multi-Agent Linear Systems. IEEE Transactions on Automatic Control, 2010, 55, 2891-2895.	5.7	409
8	Lyapunov-Based Approach to Multiagent Systems With Switching Jointly Connected Interconnection. IEEE Transactions on Automatic Control, 2007, 52, 943-948.	5.7	408
9	Adaptive Finite-Time Control of Nonlinear Systems With Parametric Uncertainty. IEEE Transactions on Automatic Control, 2006, 51, 858-862.	5.7	399
10	Initialization-free distributed algorithms for optimal resource allocation with feasibility constraints and application to economic dispatch of power systems. Automatica, 2016, 74, 259-269.	5.0	326
11	Finite-Time Stabilization of Nonlinear Systems With Parametric and Dynamic Uncertainties. IEEE Transactions on Automatic Control, 2006, 51, 1950-1956.	5.7	261
12	Reaching an Optimal Consensus: Dynamical Systems That Compute Intersections of Convex Sets. IEEE Transactions on Automatic Control, 2013, 58, 610-622.	5.7	235
13	Distributed gradient algorithm for constrained optimization with application to load sharing in power systems. Systems and Control Letters, 2015, 83, 45-52.	2.3	235
14	A General Result on the Robust Cooperative Output Regulation for Linear Uncertain Multi-Agent Systems. IEEE Transactions on Automatic Control, 2013, 58, 1275-1279.	5.7	221
15	Finite-Time Consensus for Multi-Agent Networks with Second-Order Agent Dynamics. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 15185-15190.	0.4	201
16	Distributed output regulation of leaderâ€"follower multiâ€agent systems. International Journal of Robust and Nonlinear Control, 2013, 23, 48-66.	3.7	201
17	Target containment control of multi-agent systems with random switching interconnection topologies. Automatica, 2012, 48, 879-885.	5.0	200
18	Global target aggregation and state agreement of nonlinear multi-agent systems with switching topologies. Automatica, 2009, 45, 1165-1175.	5.0	197

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19	Distributed Nash equilibrium seeking for aggregative games with coupled constraints. Automatica, 2017, 85, 179-185.	5.0	179
20	Distributed Optimization for a Class of Nonlinear Multiagent Systems With Disturbance Rejection. IEEE Transactions on Cybernetics, 2016, 46, 1655-1666.	9.5	174
21	Distributed optimal coordination for multiple heterogeneous Euler–Lagrangian systems. Automatica, 2017, 79, 207-213.	5.0	172
22	Distributed Continuous-Time Algorithm for Constrained Convex Optimizations via Nonsmooth Analysis Approach. IEEE Transactions on Automatic Control, 2017, 62, 5227-5233.	5.7	162
23	Behaviors of networks with antagonistic interactions and switching topologies. Automatica, 2016, 73, 110-116.	5.0	151
24	Quantized Subgradient Algorithm and Data-Rate Analysis for Distributed Optimization. IEEE Transactions on Control of Network Systems, 2014, 1, 380-392.	3.7	129
25	Distributed Continuous-Time Algorithms for Resource Allocation Problems Over Weight-Balanced Digraphs. IEEE Transactions on Cybernetics, 2018, 48, 3116-3125.	9.5	128
26	Matrix Approach to Model Matching of Asynchronous Sequential Machines. IEEE Transactions on Automatic Control, 2013, 58, 2974-2979.	5.7	123
27	Constrained Consensus Algorithms With Fixed Step Size for Distributed Convex Optimization Over Multiagent Networks. IEEE Transactions on Automatic Control, 2017, 62, 4259-4265.	5.7	121
28	Predicting chaotic time series with wavelet networks. Physica D: Nonlinear Phenomena, 1995, 85, 225-238.	2.8	120
29	Distributed attitude synchronization control of multi-agent systems with switching topologies. Automatica, 2014, 50, 832-840.	5.0	117
30	Distributed Projection-Based Algorithms for Source Localization in Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2015, 14, 3131-3142.	9.2	111
31	Distributed Nonsmooth Optimization With Coupled Inequality Constraints via Modified Lagrangian Function. IEEE Transactions on Automatic Control, 2018, 63, 1753-1759.	5.7	109
32	Nash Equilibrium Computation in Subnetwork Zero-Sum Games With Switching Communications. IEEE Transactions on Automatic Control, 2016, 61, 2920-2935.	5.7	108
33	Stabilization of uncertain chained form systems within finite settling time. IEEE Transactions on Automatic Control, 2005, 50, 1379-1384.	5.7	105
34	Optimal distributed stochastic mirror descent for strongly convex optimization. Automatica, 2018, 90, 196-203.	5.0	103
35	Connectivity and Set Tracking of Multi-Agent Systems Guided by Multiple Moving Leaders. IEEE Transactions on Automatic Control, 2012, 57, 663-676.	5.7	100
36	Quantized Leaderless and Leader-Following Consensus of High-Order Multi-Agent Systems With Limited Data Rate. IEEE Transactions on Automatic Control, 2016, 61, 2432-2447.	5.7	100

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37	Matrix expression and reachability analysis of finite automata. Journal of Control Theory and Applications, 2012, 10, 210-215.	0.8	99
38	Analysis of a two-level software rejuvenation policy. Reliability Engineering and System Safety, 2005, 87, 13-22.	8.9	96
39	Optimal Output Consensus of High-Order Multiagent Systems With Embedded Technique. IEEE Transactions on Cybernetics, 2019, 49, 1768-1779.	9.5	90
40	SOC Estimation-Based Quasi-Sliding Mode Control for Cell Balancing in Lithium-Ion Battery Packs. IEEE Transactions on Industrial Electronics, 2018, 65, 3427-3436.	7.9	89
41	Generalized Nash equilibrium seeking strategy for distributed nonsmooth multi-cluster game. Automatica, 2019, 103, 20-26.	5.0	85
42	Switching manifold approach to chaos synchronization. Physical Review E, 1999, 59, R2523-R2526.	2.1	84
43	Distributed finite-time $\ddot{I}\ddagger$-consensus algorithms for multi-agent systems with variable coupling topology. Journal of Systems Science and Complexity, 2010, 23, 209-218.	2.8	79
44	Hâˆž control, stabilization, and inputâ€"output stability of nonlinear systems with homogeneous properties. Automatica, 2001, 37, 819-829.	5.0	78
45	Approximate Projected Consensus for Convex Intersection Computation: Convergence Analysis and Critical Error Angle. IEEE Transactions on Automatic Control, 2014, 59, 1722-1736.	5.7	71
46	Distributed formation control with relaxed motion requirements. International Journal of Robust and Nonlinear Control, 2015, 25, 3210-3230.	3.7	71
47	Noise leads to quasi-consensus of Hegselmannâ€"Krause opinion dynamics. Automatica, 2017, 85, 448-454.	5.0	70
48	Distributed Estimation for Moving Target Based on State-Consensus Strategy. IEEE Transactions on Automatic Control, 2013, 58, 2096-2101.	5.7	67
49	Distributed Kalman Filters With State Equality Constraints: Time-Based and Event-Triggered Communications. IEEE Transactions on Automatic Control, 2020, 65, 28-43.	5.7	64
50	Multi-Agent Optimization Design for Autonomous Lagrangian Systems. Unmanned Systems, 2016, 04, 5-13.	3.6	62
51	Multi-target localization and circumnavigation by a single agent using bearing measurements. International Journal of Robust and Nonlinear Control, 2015, 25, 2362-2374.	3.7	61
52	Distributed Output Regulation of Nonlinear Multi-Agent Systems via Host Internal Model. IEEE Transactions on Automatic Control, 2014, 59, 2784-2789.	5.7	60
53	Distributed Continuous-Time Algorithms for Nonsmooth Extended Monotropic Optimization Problems. SIAM Journal on Control and Optimization, 2018, 56, 3973-3993.	2.1	59
54	Distributed output regulation for a class of nonlinear multi-agent systems with unknown-input leaders. Automatica, 2015, 62, 154-160.	5.0	57

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55	Distributed sub-optimal resource allocation over weight-balanced graph via singular perturbation. Automatica, 2018, 95, 222-228.	5.0	57
56	Decentralized sweep coverage algorithm for multi-agent systems with workload uncertainties. Automatica, 2013, 49, 2154-2159.	5.0	55
57	Observability analysis and observer design for finite automata via matrix approach. IET Control Theory and Applications, 2013, 7, 1609-1615.	2.1	55
58	Distributed continuous-time approximate projection protocols for shortest distance optimization problems. Automatica, 2016, 69, 289-297.	5.0	53
59	Distributed Energy Resource Coordination Over Time-Varying Directed Communication Networks. IEEE Transactions on Control of Network Systems, 2019, 6, 1124-1134.	3.7	53
60	Adaptive multi-agent containment control with multiple parametric uncertain leaders. Automatica, 2014, 50, 2366-2372.	5.0	52
61	Multi-agent tracking of a high-dimensional active leader with switching topology. Journal of Systems Science and Complexity, 2009, 22, 722-731.	2.8	51
62	Controllability analysis of multi-agent systems with directed and weighted interconnection. International Journal of Control, 2012, 85, 1486-1496.	1.9	51
63	Network Synchronization With Nonlinear Dynamics and Switching Interactions. IEEE Transactions on Automatic Control, 2016, 61, 3103-3108.	5.7	51
64	Distributed Computation of Linear Matrix Equations: An Optimization Perspective. IEEE Transactions on Automatic Control, 2019, 64, 1858-1873.	5.7	51
65	Consensus control of nonlinear leader–follower multi-agent systems with actuating disturbances. Systems and Control Letters, 2014, 73, 58-66.	2.3	50
66	Dynamic optimization for multi-agent systems with external disturbances. Control Theory and Technology, 2014, 12, 132-138.	1.6	49
67	Distributed Optimization Design of Continuous-Time Multiagent Systems With Unknown-Frequency Disturbances. IEEE Transactions on Cybernetics, 2017, 47, 2058-2066.	9.5	46
68	Opinion evolution analysis for short-range and long-range Deffuant–Weisbuch models. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 5289-5297.	2.6	44
69	Uniform convergence for signed networks under directed switching topologies. Automatica, 2018, 90, 8-15.	5.0	44
70	Manifold alignment for heterogeneous single-cell multi-omics data integration using Pamona. Bioinformatics, 2021, 38, 211-219.	4.1	44
71	On Convergence Rate of Distributed Stochastic Gradient Algorithm for Convex Optimization with Inequality Constraints. SIAM Journal on Control and Optimization, 2016, 54, 2872-2892.	2.1	43
72	Distributed optimisation design with triggers for disturbed continuous–time multi–agent systems. IET Control Theory and Applications, 2017, 11, 282-290.	2.1	43

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73	Distributed Continuous-Time Nonsmooth Convex Optimization With Coupled Inequality Constraints. IEEE Transactions on Control of Network Systems, 2020, 7, 74-84.	3.7	42
74	Adaptive Exact Penalty Design for Constrained Distributed Optimization. IEEE Transactions on Automatic Control, 2019, 64, 4661-4667.	5.7	40
75	ADAPTIVE SYNCHRONIZATION OF CHAOTIC SYSTEMS VIA STATE OR OUTPUT FEEDBACK CONTROL. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2001, 11, 1149-1158.	1.7	39
76	Solvability and control design for synchronization of Boolean networks. Journal of Systems Science and Complexity, 2013, 26, 871-885.	2.8	38
77	Distributed Surrounding Design of Target Region With Complex Adjacency Matrices. IEEE Transactions on Automatic Control, 2015, 60, 283-288.	5.7	38
78	Semi-global output consensus of a group of linear systems in the presence of external disturbances and actuator saturation: An output regulation approach. International Journal of Robust and Nonlinear Control, 2016, 26, 1353-1375.	3.7	37
79	Adaptive distributed optimization algorithms for Euler–Lagrange systems. Automatica, 2020, 119, 109060.	5.0	37
80	Failure analysis on China power grid based on power law. Journal of Control Theory and Applications, 2006, 4, 235-238.	0.8	35
81	Distributed Mirror Descent for Online Composite Optimization. IEEE Transactions on Automatic Control, 2021, 66, 714-729.	5.7	35
82	Distributed algorithm for μ-generalized Nash equilibria with uncertain coupled constraints. Automatica, 2021, 123, 109313.	5.0	35
83	Coverage-Based Interception Algorithm of Multiple Interceptors Against the Target Involving Decoys. Journal of Guidance, Control, and Dynamics, 2016, 39, 1647-1653.	2.8	34
84	Distributed Optimization for Resource Allocation Problems Under Large Delays. IEEE Transactions on Industrial Electronics, 2019, 66, 9448-9457.	7.9	34
85	Distributed resource allocation over random networks based on stochastic approximation. Systems and Control Letters, 2018, 114, 44-51.	2.3	33
86	Global robust distributed output consensus of multi-agent nonlinear systems: An internal model approach. Systems and Control Letters, 2016, 87, 64-69.	2.3	32
87	Finite time convergent control using terminal sliding mode. Journal of Control Theory and Applications, 2004, 2, 69-74.	0.8	29
88	Heterogeneous Hegselmann–Krause Dynamics With Environment and Communication Noise. IEEE Transactions on Automatic Control, 2020, 65, 3409-3424.	5.7	29
89	Targeted agreement of multiple Lagrangian systems. Automatica, 2017, 84, 109-116.	5.0	28
90	Distributed Optimization of Nonlinear Multiagent Systems: A Small-Gain Approach. IEEE Transactions on Automatic Control, 2022, 67, 676-691.	5.7	28

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91	Distributed Aggregative Optimization Over Multi-Agent Networks. IEEE Transactions on Automatic Control, 2022, 67, 3165-3171.	5.7	27
92	Distributed regression estimation with incomplete data in multi-agent networks. Science China Information Sciences, 2018, 61, 1.	4.3	26
93	Distributed Algorithm for Robust Resource Allocation with Polyhedral Uncertain Allocation Parameters. Journal of Systems Science and Complexity, 2018, 31, 103-119.	2.8	26
94	Controlling hopf bifurcations: Discrete-time systems. Discrete Dynamics in Nature and Society, 2000, 5, 29-33.	0.9	25
95	Potential game design for a class of distributed optimisation problems. Journal of Control and Decision, 2014, 1, 166-179.	1.6	25
96	Analysis of a class of discrete-time systems with power rule. Automatica, 2007, 43, 562-566.	5.0	24
97	Stochastic sub-gradient algorithm for distributed optimization with random sleep scheme. Control Theory and Technology, 2015, 13, 333-347.	1.6	24
98	Distributed sub-optimal resource allocation via a projected form of singular perturbation. Automatica, 2020, 121, 109180.	5.0	24
99	Stabilization of synchronous generators with the Hamiltonian function approach. International Journal of Systems Science, 2001, 32, 971-978.	5.5	23
100	Multi-leader set coordination of multi-agent systems with random switching topologies. , 2010, , .		21
101	Distributed continuous–time algorithm for a general nonsmooth monotropic optimization problem. International Journal of Robust and Nonlinear Control, 2019, 29, 3252-3266.	3.7	21
102	Second-order stochastic fluid models with fluid-dependent flow rates. Performance Evaluation, 2002, 49, 341-358.	1.2	20
103	Preventive Maintenance of Multi-State System with Phase-Type Failure Time Distribution and Non-Zero Inspection Time. International Journal of Reliability, Quality and Safety Engineering, 2003, 10, 323-344.	0.6	19
104	Intrinsic reduced attitude formation with ring inter-agent graph. Automatica, 2017, 85, 193-201.	5.0	19
105	Chaotic attractors in striped rectangular shapes generated by a Rössler-like system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 348, 195-200.	2.1	18
106	Convergence of random sleep algorithms for optimal consensus. Systems and Control Letters, 2013, 62, 1196-1202.	2.3	18
107	Distributed Design for Nuclear Norm Minimization of Linear Matrix Equations With Constraints. IEEE Transactions on Automatic Control, 2021, 66, 745-752.	5.7	18
108	Small-gain theorem for safety verification of interconnected systems. Automatica, 2022, 139, 110178.	5.0	18

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109	Exponentially Convergent Algorithm Design for Constrained Distributed Optimization via Nonsmooth Approach. IEEE Transactions on Automatic Control, 2022, 67, 934-940.	5.7	17
110	Single-Leader-Multiple-Followers Stackelberg Security Game With Hypergame Framework. IEEE Transactions on Information Forensics and Security, 2022, 17, 954-969.	6.9	16
111	Chaotic behaviors and toroidal/spherical attractors generated by discontinuous dynamics. Physica A: Statistical Mechanics and Its Applications, 2006, 371, 293-302.	2.6	15
112	Periodic solutions in non autonomous predator prey system with delays. Nonlinear Analysis: Real World Applications, 2009, 10, 1589-1600.	1.7	13
113	Output Feedback Stabilization and Estimation of the Region of Attraction for Nonlinear Systems: A Vector Control Lyapunov Function Perspective. IEEE Transactions on Automatic Control, 2016, 61, 4034-4040.	5.7	13
114	Quantized feedback stabilization of hybrid impulsive control systems. , 2009, , .		12
115	Stabilization of impulsive hybrid systems using quantized input and output feedback. Asian Journal of Control, 2012, 14, 679-692.	3.0	12
116	Intrinsic tetrahedron formation of reduced attitude. Automatica, 2018, 87, 375-382.	5.0	12
117	Input-Feedforward-Passivity-Based Distributed Optimization Over Jointly Connected Balanced Digraphs. IEEE Transactions on Automatic Control, 2021, 66, 4117-4131.	5.7	12
118	Achieving consensus in multilateral international negotiations: The case study of the 2015 Paris Agreement on climate change. Science Advances, 2021, 7, eabg8068.	10.3	12
119	Anticontrol of chaos for dynamic systems in p-normal form: A homogeneity-based approach. Chaos, Solitons and Fractals, 2005, 25, 687-697.	5.1	11
120	Delay induced oscillation in predator–prey system with Beddington–DeAngelis functional response. Applied Mathematics and Computation, 2007, 190, 1296-1311.	2.2	11
121	A result on the cooperative robust output regulation for linear uncertain multi-agent systems. , 2011, , .		11
122	Distributed output regulation design for multi-agent systems in output-feedback form. , 2012, , .		11
123	An approximate gradient algorithm for constrained distributed convex optimization. IEEE/CAA Journal of Automatica Sinica, 2014, 1, 61-67.	13.1	11
124	Distributed optimal consensus of multiple double integrators under bounded velocity and acceleration. Control Theory and Technology, 2019, 17, 85-98.	1.6	11
125	Distributed optimisation design for solving the Stein equation with constraints. IET Control Theory and Applications, 2019, 13, 2492-2499.	2.1	11
126	Predicting economic time series using a nonlinear deterministic technique. Computational Economics, 1996, 9, 149-178.	2.6	10

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127	Finite-Time Input-to-State Stability and Related Lyapunov Analysis. , 2006, , .		10
128	Intermittent Phenomena in Switched Systems With High Coupling Strengths. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2006, 53, 2692-2704.	0.1	10
129	GENERATION AND CONTROL OF SPHERICAL AND CIRCULAR ATTRACTORS USING SWITCHING SCHEMES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 243-253.	1.7	10
130	Distributed dynamic control for leaderless multiâ€agent consensus with starâ€like topology. Asian Journal of Control, 2008, 10, 233-237.	3.0	10
131	Distributed high-gain attitude synchronization using rotation vectors. Journal of Systems Science and Complexity, 2015, 28, 289-304.	2.8	10
132	Consensus-Based Parallel Extreme Learning Machine for Indoor Localization. , 2016, , .		10
133	Data Rate for Distributed Consensus of Multiagent Systems With High-Order Oscillator Dynamics. IEEE Transactions on Automatic Control, 2017, 62, 6065-6072.	5.7	10
134	Distributed Consensus-Based K-Means Algorithm in Switching Multi-Agent Networks. Journal of Systems Science and Complexity, 2018, 31, 1128-1145.	2.8	10
135	Nonlinear H infinity control and related problems of homogeneous systems. International Journal of Control, 1998, 71, 79-92.	1.9	9
136	Non-smooth finite-time stabilization for a class of nonlinear systems. Science in China Series F: Information Sciences, 2006, 49, 80-89.	1.1	9
137	Travelling wave fronts in a vector disease model with delay. Applied Mathematical Modelling, 2008, 32, 2831-2838.	4.2	9
138	Decentralized sweep coverage algorithm for uncertain region of multi-agent systems. , 2012, , .		9
139	Semiâ€global cooperative output regulation of a class of nonlinear uncertain multiâ€agent systems under switching networks. International Journal of Robust and Nonlinear Control, 2017, 27, 5061-5081.	3.7	9
140	Cooperative optimal coordination for distributed energy resources. , 2017, , .		9
141	A Survey of ADAS Perceptions With Development in China. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 14188-14203.	8.0	9
142	Set tracking of multi-agent systems with variable topologies guided by moving multiple leaders. , 2010, , .		8
143	Distributed event-triggered tracking control of multi-agent systems with active leader. , 2012, , .		8
144	Set target aggregation of multiple mechanical systems. , 2014, , .		8

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145	Continuous-time distributed algorithms for solving linear algebraic equation. , 2017, , .		8
146	Distributed Time-Varying Convex Optimization With Dynamic Quantization. IEEE Transactions on Cybernetics, 2023, 53, 1078-1092.	9.5	8
147	Control of group of mobile autonomous agents via local strategies. Journal of Control Theory and Applications, 2008, 6, 357-364.	0.8	7
148	Lyapunov stability and generalized invariance principle for nonconvex differential inclusions. Control Theory and Technology, 2016, 14, 140-150.	1.6	7
149	An intrinsic approach to formation control of regular polyhedra for reduced attitudes. Automatica, 2020, 111, 108619.	5.0	7
150	Distributed Computation for Solving the Sylvester Equation Based on Optimization. , 2020, 4, 414-419.		7
151	Stabilization of minimum phase nonlinear systems by dynamic output feedback. IEEE Transactions on Automatic Control, 2000, 45, 2331-2335.	5.7	6
152	Input-to-state stability of hybrid switched systems with impulsive effects. , 2008, , .		6
153	Multi-agent systems reaching optimal consensus with directed communication graphs. , 2011, , .		6
154	Matrix approach to simulation and bisimulation analysis of finite automata. , 2012, , .		6
155	Distributed attitude synchronization using backstepping and sliding mode control. Control Theory and Technology, 2014, 12, 48-55.	1.6	6
156	An exact penalty method for constrained distributed optimization. , 2017, , .		6
157	Distributed adaptive Kalman filter based on variational Bayesian technique. Control Theory and Technology, 2019, 17, 37-47.	1.6	6
158	Learning implicit information in Bayesian games with knowledge transfer. Control Theory and Technology, 2020, 18, 315-323.	1.6	6
159	Efficient Algorithm for Approximating Nash Equilibrium of Distributed Aggregative Games. IEEE Transactions on Cybernetics, 2023, 53, 4375-4387.	9.5	6
160	Generation and control of striped attractors of Rössler systems with feedbackâ˜†. Chaos, Solitons and Fractals, 2007, 34, 693-703.	5.1	5
161	The phase diagram and the pathway of phase transitions for traffic flow in a circular one-lane roadway. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 1665-1672.	2.6	5
162	Target aggregation of second-order multi-agent systems with switching interconnection. Journal of Systems Science and Complexity, 2012, 25, 430-440.	2.8	5

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163	Quantized Gradient-Descent Algorithm for Distributed Resource Allocation. Unmanned Systems, 2019, 07, 119-136.	3.6	5
164	Network Flows That Solve Sylvester Matrix Equations. IEEE Transactions on Automatic Control, 2022, 67, 6731-6738.	5.7	5
165	Nonlinear control of chaotic systems:A switching manifold approach. Discrete Dynamics in Nature and Society, 2000, 4, 257-267.	0.9	4
166	Distributed attitude synchronization control of multi-agent systems with time-varying topologies. , 2012, , .		4
167	Distributed estimation for moving target under switching interconnection network. , 2012, , .		4
168	Matrix approach to stabilizability of deterministic finite automata. , 2013, , .		4
169	Distributed Variational Equilibrium Seeking of Multi-coalition Game via Variational Inequality Approach. IFAC-PapersOnLine, 2017, 50, 940-945.	0.9	4
170	Distributed Optimization Design for Computation of Algebraic Riccati Inequalities. IEEE Transactions on Cybernetics, 2022, 52, 1924-1935.	9.5	4
171	Signed Social Networks With Biased Assimilation. IEEE Transactions on Automatic Control, 2022, 67, 5134-5149.	5.7	4
172	Distributed optimisation approach to leastâ€squares solution of Sylvester equations. IET Control Theory and Applications, 2020, 14, 2968-2976.	2.1	4
173	Misperception influence on zero-determinant strategies in iterated Prisonerâ€™s Dilemma. Scientific Reports, 2022, 12, 5174.	3.3	4
174	Distributed Optimization Approach for Solving Continuous-Time Lyapunov Equations With Exponential Rate of Convergence. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1684-1691.	9.3	4
175	Exponentially convergent distributed Nash equilibrium seeking for constrained aggregative games. Autonomous Intelligent Systems, 2022, 2, 1.	3.1	4
176	Viscosity solution to nonlinear Hâˆž control. Science Bulletin, 1997, 42, 890-894.	1.7	3
177	Finite time stabilization for a class of nonlinear systems. , 0, , .		3
178	Performance evaluation for damping controllers of power systems based on multi-agent models. Journal of Systems Science and Complexity, 2009, 22, 77-87.	2.8	3
179	Striped attractor generation and synchronization analysis for coupled RÃ¶ssler systems. Chaos, Solitons and Fractals, 2009, 39, 322-331.	5.1	3
180	Sweep coverage algorithm and coverage time estimation for multi-agent systems. , 2012, , .		3

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181	Distributed online optimization of high-order multi-agent systems. , 2016, , .		3
182	Distributed Optimization of Nonlinear Multi-Agent Systems: A Small-Gain Approach. , 2019, , .		3
183	Max–Min Fair Sensor Scheduling: Game-Theoretic Perspective and Algorithmic Solution. IEEE Transactions on Automatic Control, 2021, 66, 2379-2385.	5.7	3
184	Distributed Optimization Design of Iterative Refinement Technique for Algebraic Riccati Equations. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2833-2847.	9.3	3
185	Distributed consensus-based solver for semi-definite programming: An optimization viewpoint. Automatica, 2021, 131, 109737.	5.0	3
186	A Communication-efficient Linearly Convergent Algorithm with Variance Reduction for Distributed Stochastic Optimization. , 2020, , .		3
187	Safety stabilization of switched systems with unstable subsystems. Control Theory and Technology, 2022, 20, 95-102.	1.6	3
188	Finite-time stabilizing excitation control of a synchronous generator. International Journal of Systems Science, 2002, 33, 13-22.	5.5	2
189	Special issue on "Collective Behavior and Control of Multi-Agent Systems" Asian Journal of Control, 2008, 10, 129-130.	3.0	2
190	Set stability and coordination of nonlinear multi-agent systems with switching structure. , 2008, , .		2
191	Convergence and consensus analysis of multi-choice Deffuant-Weisbuch models. , 2012, , .		2
192	Bifurcation stabilization of nonlinear systems by dynamic output feedback with application to rotating stall control. Science China Information Sciences, 2012, 55, 200-213.	4.3	2
193	Distributed control design for leader escort of multi-agent systems. International Journal of Control, 0, , 1-11.	1.9	2
194	Input-Feedforward-Passivity-Based Distributed Optimization Over Directed and Switching Topologies. , 2019, , .		2
195	Distributed solver for linear matrix inequalities: an optimization perspective. Control Theory and Technology, 2021, 19, 507.	1.6	2
196	A Linearly Convergent Distributed Nash Equilibrium Seeking Algorithm for Aggregative Games. IEEE Transactions on Automatic Control, 2023, 68, 1753-1759.	5.7	2
197	Distributed Linear Equations Over Random Networks. IEEE Transactions on Automatic Control, 2023, 68, 2607-2614.	5.7	2
198	Neural identification and control of uncertain nonlinear systems with time delay. , 0, , .		1

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199	Non-smooth Agent-based Dynamics of Strategic Bidding with Linear Supply Function. , 2006, , .		1
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