

Hong Yiguang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2157923/publications.pdf>

Version: 2024-02-01

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	Distributed Time-Varying Convex Optimization With Dynamic Quantization. IEEE Transactions on Cybernetics, 2023, 53, 1078-1092.	9.5	8
2	A Linearly Convergent Distributed Nash Equilibrium Seeking Algorithm for Aggregative Games. IEEE Transactions on Automatic Control, 2023, 68, 1753-1759.	5.7	2
3	Efficient Algorithm for Approximating Nash Equilibrium of Distributed Aggregative Games. IEEE Transactions on Cybernetics, 2023, 53, 4375-4387.	9.5	6
4	Distributed Linear Equations Over Random Networks. IEEE Transactions on Automatic Control, 2023, 68, 2607-2614.	5.7	2
5	Distributed Optimization Design for Computation of Algebraic Riccati Inequalities. IEEE Transactions on Cybernetics, 2022, 52, 1924-1935.	9.5	4
6	Exponentially Convergent Algorithm Design for Constrained Distributed Optimization via Nonsmooth Approach. IEEE Transactions on Automatic Control, 2022, 67, 934-940.	5.7	17
7	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
8	Distributed Optimization of Nonlinear Multiagent Systems: A Small-Gain Approach. IEEE Transactions on Automatic Control, 2022, 67, 676-691.	5.7	28
9	Distributed Aggregative Optimization Over Multi-Agent Networks. IEEE Transactions on Automatic Control, 2022, 67, 3165-3171.	5.7	27
10	Signed Social Networks With Biased Assimilation. IEEE Transactions on Automatic Control, 2022, 67, 5134-5149.	5.7	4
11	Network Flows That Solve Sylvester Matrix Equations. IEEE Transactions on Automatic Control, 2022, 67, 6731-6738.	5.7	5
12	Safety stabilization of switched systems with unstable subsystems. Control Theory and Technology, 2022, 20, 95-102.	1.6	3
13	Small-gain theorem for safety verification of interconnected systems. Automatica, 2022, 139, 110178.	5.0	18
14	Single-Leader-Multiple-Followers Stackelberg Security Game With Hypergame Framework. IEEE Transactions on Information Forensics and Security, 2022, 17, 954-969.	6.9	16
15	Misperception influence on zero-determinant strategies in iterated Prisoner's Dilemma. Scientific Reports, 2022, 12, 5174.	3.3	4
16	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
17	Exponentially convergent distributed Nash equilibrium seeking for constrained aggregative games. Autonomous Intelligent Systems, 2022, 2, 1.	3.1	4
18	A Survey of ADAS Perceptions With Development in China. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 14188-14203.	8.0	9

#	ARTICLE	IF	CITATIONS
19	Distributed Design for Nuclear Norm Minimization of Linear Matrix Equations With Constraints. IEEE Transactions on Automatic Control, 2021, 66, 745-752.	5.7	18
20	Distributed Mirror Descent for Online Composite Optimization. IEEE Transactions on Automatic Control, 2021, 66, 714-729.	5.7	35
21	A novel opinion model for complex macro-behaviors of mass opinion. Science China Information Sciences, 2021, 64, 1.	4.3	0
22	Input-Feedforward-Passivity-Based Distributed Optimization Over Jointly Connected Balanced Digraphs. IEEE Transactions on Automatic Control, 2021, 66, 4117-4131.	5.7	12
23	Max-Min Fair Sensor Scheduling: Game-Theoretic Perspective and Algorithmic Solution. IEEE Transactions on Automatic Control, 2021, 66, 2379-2385.	5.7	3
24	Distributed algorithm for μ -generalized Nash equilibria with uncertain coupled constraints. Automatica, 2021, 123, 109313.	5.0	35
25	Manifold alignment for heterogeneous single-cell multi-omics data integration using Pamona. Bioinformatics, 2021, 38, 211-219.	4.1	44
26	Distributed consensus-based solver for semi-definite programming: An optimization viewpoint. Automatica, 2021, 131, 109737.	5.0	3
27	Distributed solver for linear matrix inequalities: an optimization perspective. Control Theory and Technology, 2021, 19, 507.	1.6	2
28	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
29	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
30	An intrinsic approach to formation control of regular polyhedra for reduced attitudes. Automatica, 2020, 111, 108619.	5.0	7
31	Distributed Continuous-Time Nonsmooth Convex Optimization With Coupled Inequality Constraints. IEEE Transactions on Control of Network Systems, 2020, 7, 74-84.	3.7	42
32	Distributed Computation for Solving the Sylvester Equation Based on Optimization. , 2020, 4, 414-419.		7
33	Heterogeneous Hegselmann-Krause Dynamics With Environment and Communication Noise. IEEE Transactions on Automatic Control, 2020, 65, 3409-3424.	5.7	29
34	Design of tracking observers for locally jointly observable systems. Control Theory and Technology, 2020, 18, 390-398.	1.6	1
35	Distributed sub-optimal resource allocation via a projected form of singular perturbation. Automatica, 2020, 121, 109180.	5.0	24
36	Learning implicit information in Bayesian games with knowledge transfer. Control Theory and Technology, 2020, 18, 315-323.	1.6	6

#	ARTICLE	IF	CITATIONS
37	Distributed Dynamic Online Linear Regression Over Unbalanced Graphs. , 2020, , .		0
38	Adaptive distributed optimization algorithms for Euler-Lagrange systems. Automatica, 2020, 119, 109060.	5.0	37
39	Distributed Solving Sylvester equations with an explicit exponential Convergence. IFAC-PapersOnLine, 2020, 53, 3260-3265.	0.9	0
40	A Communication-efficient Linearly Convergent Algorithm with Variance Reduction for Distributed Stochastic Optimization. , 2020, , .		3
41	Projection Consensus for Solving Linear Equations over Random Networks. , 2020, , .		1
42	Distributed optimisation approach to least-squares solution of Sylvester equations. IET Control Theory and Applications, 2020, 14, 2968-2976.	2.1	4
43	Distributed Design for Nuclear Norm Minimization of Linear Matrix Equation with Constraints. IEEE Transactions on Automatic Control, 2020, , 1-1.	5.7	0
44	Distributed Computation of Linear Matrix Equations: An Optimization Perspective. IEEE Transactions on Automatic Control, 2019, 64, 1858-1873.	5.7	51
45	Distributed Stochastic Algorithm for Convex Optimization Over Directed Graphs. , 2019, , .		0
46	Distributed adaptive Kalman filter based on variational Bayesian technique. Control Theory and Technology, 2019, 17, 37-47.	1.6	6
47	Distributed optimal consensus of multiple double integrators under bounded velocity and acceleration. Control Theory and Technology, 2019, 17, 85-98.	1.6	11
48	Distributed Optimization for Resource Allocation Problems Under Large Delays. IEEE Transactions on Industrial Electronics, 2019, 66, 9448-9457.	7.9	34
49	Distributed Energy Resource Coordination Over Time-Varying Directed Communication Networks. IEEE Transactions on Control of Network Systems, 2019, 6, 1124-1134.	3.7	53
50	A survey of distributed optimization. Annual Reviews in Control, 2019, 47, 278-305.	7.9	427
51	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
52	Adaptive Exact Penalty Design for Constrained Distributed Optimization. IEEE Transactions on Automatic Control, 2019, 64, 4661-4667.	5.7	40
53	Quantized Gradient-Descent Algorithm for Distributed Resource Allocation. Unmanned Systems, 2019, 07, 119-136.	3.6	5
54	Generalized Nash equilibrium seeking strategy for distributed nonsmooth multi-cluster game. Automatica, 2019, 103, 20-26.	5.0	85

#	ARTICLE	IF	CITATIONS
55	Distributed Stochastic Algorithm for Convex optimization Problem Over Time-varying Directed Graphs. , 2019, , .		1
56	Distributed Optimization of Nonlinear Multi-Agent Systems: A Small-Gain Approach. , 2019, , .		3
57	Input-Feedforward-Passivity-Based Distributed Optimization Over Directed and Switching Topologies. , 2019, , .		2
58	Distributed optimisation design for solving the Stein equation with constraints. IET Control Theory and Applications, 2019, 13, 2492-2499.	2.1	11
59	Distributed Online Optimization With Gradient-free Design. , 2019, , .		1
60	Optimal Output Consensus of High-Order Multiagent Systems With Embedded Technique. IEEE Transactions on Cybernetics, 2019, 49, 1768-1779.	9.5	90
61	Optimal distributed stochastic mirror descent for strongly convex optimization. Automatica, 2018, 90, 196-203.	5.0	103
62	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
63	Distributed Nonsmooth Optimization With Coupled Inequality Constraints via Modified Lagrangian Function. IEEE Transactions on Automatic Control, 2018, 63, 1753-1759.	5.7	109
64	Uniform convergence for signed networks under directed switching topologies. Automatica, 2018, 90, 8-15.	5.0	44
65	Distributed regression estimation with incomplete data in multi-agent networks. Science China Information Sciences, 2018, 61, 1.	4.3	26
66	Distributed resource allocation over random networks based on stochastic approximation. Systems and Control Letters, 2018, 114, 44-51.	2.3	33
67	Intrinsic tetrahedron formation of reduced attitude. Automatica, 2018, 87, 375-382.	5.0	12
68	Multi-agent Network Flow Design to Solve Matrix Equation Based on Nonsmooth Convex Optimization. , 2018, , .		1
69	Distributed continuous-time algorithm for solving linear complementarity problems with exponential convergence. , 2018, , .		0
70	Distributed Continuous-Time Algorithms for Nonsmooth Extended Monotropic Optimization Problems. SIAM Journal on Control and Optimization, 2018, 56, 3973-3993.	2.1	59
71	Distributed sub-optimal resource allocation over weight-balanced graph via singular perturbation. Automatica, 2018, 95, 222-228.	5.0	57
72	Distributed Continuous-Time Algorithms for Resource Allocation Problems Over Weight-Balanced Digraphs. IEEE Transactions on Cybernetics, 2018, 48, 3116-3125.	9.5	128

#	ARTICLE	IF	CITATIONS
73	Distributed Algorithm for Robust Resource Allocation with Polyhedral Uncertain Allocation Parameters. Journal of Systems Science and Complexity, 2018, 31, 103-119.	2.8	26
74	Distributed Consensus-Based K-Means Algorithm in Switching Multi-Agent Networks. Journal of Systems Science and Complexity, 2018, 31, 1128-1145.	2.8	10
75	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
76	Distributed optimal coordination for multiple heterogeneous Euler-Lagrangian systems. Automatica, 2017, 79, 207-213.	5.0	172
77	Semi-global cooperative output regulation of a class of nonlinear uncertain multi-agent systems under switching networks. International Journal of Robust and Nonlinear Control, 2017, 27, 5061-5081.	3.7	9
78	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
79	Distributed Optimization Design of Continuous-Time Multiagent Systems With Unknown-Frequency Disturbances. IEEE Transactions on Cybernetics, 2017, 47, 2058-2066.	9.5	46
80	Nonlinear norm-observability and simulation of control systems. Systems and Control Letters, 2017, 105, 14-19.	2.3	1
81	Noise leads to quasi-consensus of Hegselmann-Krause opinion dynamics. Automatica, 2017, 85, 448-454.	5.0	70
82	Intrinsic reduced attitude formation with ring inter-agent graph. Automatica, 2017, 85, 193-201.	5.0	19
83	Distributed Nash equilibrium seeking for aggregative games with coupled constraints. Automatica, 2017, 85, 179-185.	5.0	179
84	Targeted agreement of multiple Lagrangian systems. Automatica, 2017, 84, 109-116.	5.0	28
85	Distributed optimisation design with triggers for disturbed continuous-time multi-agent systems. IET Control Theory and Applications, 2017, 11, 282-290.	2.1	43
86	Distributed Continuous-Time Algorithm for Constrained Convex Optimizations via Nonsmooth Analysis Approach. IEEE Transactions on Automatic Control, 2017, 62, 5227-5233.	5.7	162
87	Distributed Variational Equilibrium Seeking of Multi-coalition Game via Variational Inequality Approach. IFAC-PapersOnLine, 2017, 50, 940-945.	0.9	4
88	Stability Criterion for Nonsmooth Systems and Nash Equilibrium Seeking via Projected Gradient Dynamics * *This work was supported by Beijing Natural Science Foundation (4152057), NSFC (61333001), Program 973 (2014CB845301/2/3), and the China Postdoctoral Science Foundation (No.2016M591272).. IFAC-PapersOnLine, 2017, 50, 6134-6139.	0.9	1
89	Cooperative output feedback design for networks of strict-feedback systems having high relative degrees. , 2017, , .		0
90	An exact penalty method for constrained distributed optimization. , 2017, , .		6

#	ARTICLE	IF	CITATIONS
91	Cooperative optimal coordination for distributed energy resources. , 2017, , .		9
92	Continuous-time distributed algorithms for solving linear algebraic equation. , 2017, , .		8
93	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
94	Consensus-Based Parallel Extreme Learning Machine for Indoor Localization. , 2016, , .		10
95	Lyapunov stability and generalized invariance principle for nonconvex differential inclusions. Control Theory and Technology, 2016, 14, 140-150.	1.6	7
96	Multi-Agent Optimization Design for Autonomous Lagrangian Systems. Unmanned Systems, 2016, 04, 5-13.	3.6	62
97	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
98	Distributed online optimization of high-order multi-agent systems. , 2016, , .		3
99	Behaviors of networks with antagonistic interactions and switching topologies. Automatica, 2016, 73, 110-116.	5.0	151
100	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
101	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
102	Special issue dedicated to Daizhan Cheng. Control Theory and Technology, 2016, 14, 1-1.	1.6	0
103	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
104	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
105	Nash Equilibrium Computation in Subnetwork Zero-Sum Games With Switching Communications. IEEE Transactions on Automatic Control, 2016, 61, 2920-2935.	5.7	108
106	Distributed continuous-time approximate projection protocols for shortest distance optimization problems. Automatica, 2016, 69, 289-297.	5.0	53
107	Network Synchronization With Nonlinear Dynamics and Switching Interactions. IEEE Transactions on Automatic Control, 2016, 61, 3103-3108.	5.7	51
108	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

#	ARTICLE	IF	CITATIONS
109	Distributed Optimization for a Class of Nonlinear Multiagent Systems With Disturbance Rejection. IEEE Transactions on Cybernetics, 2016, 46, 1655-1666.	9.5	174
110	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
111	Stochastic sub-gradient algorithm for distributed optimization with random sleep scheme. Control Theory and Technology, 2015, 13, 333-347.	1.6	24
112	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
113	Distributed high-gain attitude synchronization using rotation vectors. Journal of Systems Science and Complexity, 2015, 28, 289-304.	2.8	10
114	Distributed Surrounding Design of Target Region With Complex Adjacency Matrices. IEEE Transactions on Automatic Control, 2015, 60, 283-288.	5.7	38
115	Distributed Projection-Based Algorithms for Source Localization in Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2015, 14, 3131-3142.	9.2	111
116	Distributed output regulation for a class of nonlinear multi-agent systems with unknown-input leaders. Automatica, 2015, 62, 154-160.	5.0	57
117	Distributed formation control with relaxed motion requirements. International Journal of Robust and Nonlinear Control, 2015, 25, 3210-3230.	3.7	71
118	Potential game design for a class of distributed optimisation problems. Journal of Control and Decision, 2014, 1, 166-179.	1.6	25
119	An approximate gradient algorithm for constrained distributed convex optimization. IEEE/CAA Journal of Automatica Sinica, 2014, 1, 61-67.	13.1	11
120	Semi-global output consensus of linear agents with external disturbances and actuator saturation: An output regulation approach. , 2014, , .		1
121	Consensus control of nonlinear leader-follower multi-agent systems with actuating disturbances. Systems and Control Letters, 2014, 73, 58-66.	2.3	50
122	Quantized Subgradient Algorithm and Data-Rate Analysis for Distributed Optimization. IEEE Transactions on Control of Network Systems, 2014, 1, 380-392.	3.7	129
123	Distributed attitude synchronization control of multi-agent systems with switching topologies. Automatica, 2014, 50, 832-840.	5.0	117
124	Dynamic optimization for multi-agent systems with external disturbances. Control Theory and Technology, 2014, 12, 132-138.	1.6	49
125	Distributed attitude synchronization using backstepping and sliding mode control. Control Theory and Technology, 2014, 12, 48-55.	1.6	6
126	Adaptive multi-agent containment control with multiple parametric uncertain leaders. Automatica, 2014, 50, 2366-2372.	5.0	52

#	ARTICLE	IF	CITATIONS
127	Distributed Output Regulation of Nonlinear Multi-Agent Systems via Host Internal Model. IEEE Transactions on Automatic Control, 2014, 59, 2784-2789.	5.7	60
128	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
129	Guest editorial special issue on cooperative control of multi-agents systems: Theory and applications. IEEE/CAA Journal of Automatica Sinica, 2014, 1, II-II.	13.1	0
130	Set target aggregation of multiple mechanical systems. , 2014, , .		8
131	Distributed output regulation of leader-follower multi-agent systems. International Journal of Robust and Nonlinear Control, 2013, 23, 48-66.	3.7	201
132	Decentralized sweep coverage algorithm for multi-agent systems with workload uncertainties. Automatica, 2013, 49, 2154-2159.	5.0	55
133	Distributed Estimation for Moving Target Based on State-Consensus Strategy. IEEE Transactions on Automatic Control, 2013, 58, 2096-2101.	5.7	67
134	Convergence of random sleep algorithms for optimal consensus. Systems and Control Letters, 2013, 62, 1196-1202.	2.3	18
135	Solvability and control design for synchronization of Boolean networks. Journal of Systems Science and Complexity, 2013, 26, 871-885.	2.8	38
136	Matrix Approach to Model Matching of Asynchronous Sequential Machines. IEEE Transactions on Automatic Control, 2013, 58, 2974-2979.	5.7	123
137	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
138	Reaching an Optimal Consensus: Dynamical Systems That Compute Intersections of Convex Sets. IEEE Transactions on Automatic Control, 2013, 58, 610-622.	5.7	235
139	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
140	Observability analysis and observer design for finite automata via matrix approach. IET Control Theory and Applications, 2013, 7, 1609-1615.	2.1	55
141	Matrix approach to stabilizability of deterministic finite automata. , 2013, , .		4
142	Distributed coverage control of multi-agent systems using navigation functions. , 2013, , .		0
143	Convergence analysis of asymmetric homogeneous Deffuant-Weisbuch model. , 2012, , .		1
144	Decentralized sweep coverage algorithm for uncertain region of multi-agent systems. , 2012, , .		9

#	ARTICLE	IF	CITATIONS
145	Distributed event-triggered tracking control of multi-agent systems with active leader. , 2012, , .		8
146	Decentralized sweep algorithm of multi-agent systems with adaptive workload assignment. , 2012, , .		1
147	Matrix approach to simulation and bisimulation analysis of finite automata. , 2012, , .		6
148	Convergence and consensus analysis of multi-choice Deffuant-Weisbuch models. , 2012, , .		2
149	Sweep coverage algorithm and coverage time estimation for multi-agent systems. , 2012, , .		3
150	Distributed attitude synchronization control of multi-agent systems with time-varying topologies. , 2012, , .		4
151	Distributed estimation for moving target under switching interconnection network. , 2012, , .		4
152	Distributed output regulation design for multi-agent systems in output-feedback form. , 2012, , .		11
153	Controllability analysis of multi-agent systems with directed and weighted interconnection. International Journal of Control, 2012, 85, 1486-1496.	1.9	51
154	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
155	Stabilization of impulsive hybrid systems using quantized input and output feedback. Asian Journal of Control, 2012, 14, 679-692.	3.0	12
156	Target aggregation of second-order multi-agent systems with switching interconnection. Journal of Systems Science and Complexity, 2012, 25, 430-440.	2.8	5
157	Matrix expression and reachability analysis of finite automata. Journal of Control Theory and Applications, 2012, 10, 210-215.	0.8	99
158	Target containment control of multi-agent systems with random switching interconnection topologies. Automatica, 2012, 48, 879-885.	5.0	200
159	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
160	A result on the cooperative robust output regulation for linear uncertain multi-agent systems. , 2011, , .		11
161	Multi-agent systems reaching optimal consensus with directed communication graphs. , 2011, , .		6
162	Distributed finite-time ϵ -consensus algorithms for multi-agent systems with variable coupling topology. Journal of Systems Science and Complexity, 2010, 23, 209-218.	2.8	79

#	ARTICLE	IF	CITATIONS
163	Coordination of nonlinear multi-agent systems with multiple leaders and switching topologies. , 2010, , ,		1
164	Multi-leader set coordination of multi-agent systems with random switching topologies. , 2010, , ,		21
165	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
166	Set tracking of multi-agent systems with variable topologies guided by moving multiple leaders. , 2010, , ,		8
167	Quantized feedback stabilization of hybrid impulsive control systems. , 2009, , ,		12
168	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
169	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
170	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
171	Periodic solutions in non autonomous predator prey system with delays. Nonlinear Analysis: Real World Applications, 2009, 10, 1589-1600.	1.7	13
172	Striped attractor generation and synchronization analysis for coupled Rössler systems. Chaos, Solitons and Fractals, 2009, 39, 322-331.	5.1	3
173	Occurrence and underlying mechanism of multi-stripe chaotic attractors. Chaos, Solitons and Fractals, 2009, 41, 2250-2258.	5.1	1
174	Global target aggregation and state agreement of nonlinear multi-agent systems with switching topologies. Automatica, 2009, 45, 1165-1175.	5.0	197
175	Control of group of mobile autonomous agents via local strategies. Journal of Control Theory and Applications, 2008, 6, 357-364.	0.8	7
176	Analysis and circuit realization of intermittency with multiple laminar states. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 1070-1076.	2.1	1
177	Travelling wave fronts in a vector disease model with delay. Applied Mathematical Modelling, 2008, 32, 2831-2838.	4.2	9
178	Distributed observers design for leader-following control of multi-agent networks. Automatica, 2008, 44, 846-850.	5.0	1,019
179	Distributed dynamic control for leaderless multi-agent consensus with starlike topology. Asian Journal of Control, 2008, 10, 233-237.	3.0	10
180	Special issue on "Collective Behavior and Control of Multi-Agent Systems". Asian Journal of Control, 2008, 10, 129-130.	3.0	2

#	ARTICLE	IF	CITATIONS
181	Performance evaluation for damping controllers of power systems based on multi-layer multi-agent systems. , 2008, , .		0
182	Set stability and coordination of nonlinear multi-agent systems with switching structure. , 2008, , .		2
183	Input-to-state stability of hybrid switched systems with impulsive effects. , 2008, , .		6
184	Multi-agent coordination of networked mobile agents with hierarchical dynamic graph. , 2008, , .		1
185	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
186	Impact Analysis on Non-smooth Strategic Bidding Dynamics with Linear Supply Function. , 2007, , .		0
187	Lyapunov-Based Approach to Multiagent Systems With Switching Jointly Connected Interconnection. IEEE Transactions on Automatic Control, 2007, 52, 943-948.	5.7	408
188	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
189	Analysis of a class of discrete-time systems with power rule. Automatica, 2007, 43, 562-566.	5.0	24
190	Generation and control of striped attractors of Rössler systems with feedback. Chaos, Solitons and Fractals, 2007, 34, 693-703.	5.1	5
191	Delay induced oscillation in predator-prey system with Beddington-DeAngelis functional response. Applied Mathematics and Computation, 2007, 190, 1296-1311.	2.2	11
192	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
193	Adaptive Finite-Time Control of Nonlinear Systems With Parametric Uncertainty. IEEE Transactions on Automatic Control, 2006, 51, 858-862.	5.7	399
194	Finite-Time Stabilization of Nonlinear Systems With Parametric and Dynamic Uncertainties. IEEE Transactions on Automatic Control, 2006, 51, 1950-1956.	5.7	261
195	Non-smooth Agent-based Dynamics of Strategic Bidding with Linear Supply Function. , 2006, , .		1
196	Tracking control for multi-agent consensus with an active leader and variable topology. Automatica, 2006, 42, 1177-1182.	5.0	1,749
197	Chaotic behaviors and toroidal/spherical attractors generated by discontinuous dynamics. Physica A: Statistical Mechanics and Its Applications, 2006, 371, 293-302.	2.6	15
198	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

#	ARTICLE	IF	CITATIONS
199	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
200	Failure analysis on China power grid based on power law. Journal of Control Theory and Applications, 2006, 4, 235-238.	0.8	35
201	Synchronization of Networked Systems and Laplacian-Spectrum Modification. , 2006, , .		0
202	Finite-Time Input-to-State Stability and Related Lyapunov Analysis. , 2006, , .		10
203	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
204	Robust finite time control of nonlinear systems with dynamic uncertainty. , 2006, , .		0
205	Analysis of a two-level software rejuvenation policy. Reliability Engineering and System Safety, 2005, 87, 13-22.	8.9	96
206	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
207	Stabilization of uncertain chained form systems within finite settling time. IEEE Transactions on Automatic Control, 2005, 50, 1379-1384.	5.7	105
208	Adaptive finite time stabilization for a class of nonlinear systems. , 2004, , .		0
209	Finite time convergent control using terminal sliding mode. Journal of Control Theory and Applications, 2004, 2, 69-74.	0.8	29
210	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
211	Finite-time stabilizing excitation control of a synchronous generator. International Journal of Systems Science, 2002, 33, 13-22.	5.5	2
212	Finite-time stabilization and stabilizability of a class of controllable systems. Systems and Control Letters, 2002, 46, 231-236.	2.3	528
213	Finite-time control for robot manipulators. Systems and Control Letters, 2002, 46, 243-253.	2.3	463
214	Second-order stochastic fluid models with fluid-dependent flow rates. Performance Evaluation, 2002, 49, 341-358.	1.2	20
215	Stabilization of synchronous generators with the Hamiltonian function approach. International Journal of Systems Science, 2001, 32, 971-978.	5.5	23
216	H ∞ control, stabilization, and input-output stability of nonlinear systems with homogeneous properties. Automatica, 2001, 37, 819-829.	5.0	78

#	ARTICLE	IF	CITATIONS
217	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
218	Continuous Finite-Time Control. World Scientific Series on Nonlinear Science, Series A, 2001, , 52-87.	0.0	0
219	Controlling hopf bifurcations: Discrete-time systems. Discrete Dynamics in Nature and Society, 2000, 5, 29-33.	0.9	25
220	Nonlinear control of chaotic systems:A switching manifold approach. Discrete Dynamics in Nature and Society, 2000, 4, 257-267.	0.9	4
221	Stabilization of minimum phase nonlinear systems by dynamic output feedback. IEEE Transactions on Automatic Control, 2000, 45, 2331-2335.	5.7	6
222	Switching manifold approach to chaos synchronization. Physical Review E, 1999, 59, R2523-R2526.	2.1	84
223	Nonlinear H infinity control and related problems of homogeneous systems. International Journal of Control, 1998, 71, 79-92.	1.9	9
224	Viscosity solution to nonlinear H ∞ control. Science Bulletin, 1997, 42, 890-894.	1.7	3
225	Predicting economic time series using a nonlinear deterministic technique. Computational Economics, 1996, 9, 149-178.	2.6	10
226	Predicting chaotic time series with wavelet networks. Physica D: Nonlinear Phenomena, 1995, 85, 225-238.	2.8	120
227	Failure mitigation for quality of service of wireless networks. , 0, , .		0
228	Neural identification and control of uncertain nonlinear systems with time delay. , 0, , .		1
229	Global observer design for a class of homogeneous systems. , 0, , .		0
230	Finite time stabilization for a class of nonlinear systems. , 0, , .		3
231	Distributed control design for leader escort of multi-agent systems. International Journal of Control, 0, , 1-11.	1.9	2