

Hong Yiguang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

202 papers	9,800 citations	45 h-index	96 g-index
232 ext. papers	12,668 ext. citations	4.1 avg, IF	6.9 L-index

#	Paper	IF	Citations
202	Safety stabilization of switched systems with unstable subsystems. <i>Control Theory and Technology</i> , 2022 , 20, 95	1	1
201	Small-gain theorem for safety verification of interconnected systems. <i>Automatica</i> , 2022 , 139, 110178	5.7	0
200	A linearly convergent distributed Nash equilibrium seeking algorithm for aggregative games. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1	5.9	
199	Single-Leader-Multiple-Followers Stackelberg Security Game With Hypergame Framework. <i>IEEE Transactions on Information Forensics and Security</i> , 2022 , 17, 954-969	8	1
198	Misperception influence on zero-determinant strategies in iterated Prisoner's Dilemma.. <i>Scientific Reports</i> , 2022 , 12, 5174	4.9	
197	Distributed Optimization Approach for Solving Continuous-Time Lyapunov Equations With Exponential Rate of Convergence. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 52, 1684-1691	7.3	1
196	Exponentially convergent distributed Nash equilibrium seeking for constrained aggregative games. <i>Autonomous Intelligent Systems</i> , 2022 , 2, 1		
195	A Survey of ADAS Perceptions With Development in China. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-16	6.1	0
194	Efficient Algorithm for Approximating Nash Equilibrium of Distributed Aggregative Games. <i>IEEE Transactions on Cybernetics</i> , 2022 , 1-13	10.2	0
193	Network Flows that Solve Sylvester Matrix Equations. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	1
192	Signed Social Networks with Biased Assimilation. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	0
191	Distributed solver for linear matrix inequalities: an optimization perspective. <i>Control Theory and Technology</i> , 2021 , 19, 507	1	
190	Distributed Design for Nuclear Norm Minimization of Linear Matrix Equations With Constraints. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 745-752	5.9	10
189	Distributed Mirror Descent for Online Composite Optimization. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 714-729	5.9	4
188	A novel opinion model for complex macro-behaviors of mass opinion. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	
187	Input-Feedforward-Passivity-Based Distributed Optimization Over Jointly Connected Balanced Digraphs. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 4117-4131	5.9	4
186	Max-Min Fair Sensor Scheduling: Game-Theoretic Perspective and Algorithmic Solution. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 2379-2385	5.9	1

185	Distributed algorithm for Generalized Nash equilibria with uncertain coupled constraints. <i>Automatica</i> , 2021 , 123, 109313	5.7	9
184	Exponentially Convergent Algorithm Design for Constrained Distributed Optimization via Non-smooth Approach. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	2
183	Distributed Optimization Design of Iterative Refinement Technique for Algebraic Riccati Equations. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-15	7.3	1
182	Manifold alignment for heterogeneous single-cell multi-omics data integration using Pamona. <i>Bioinformatics</i> , 2021 ,	7.2	6
181	Distributed consensus-based solver for semi-definite programming: An optimization viewpoint. <i>Automatica</i> , 2021 , 131, 109737	5.7	0
180	Distributed Optimization of Nonlinear Multi-Agent Systems: A Small-Gain Approach. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	3
179	Distributed Aggregative Optimization over Multi-Agent Networks. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	3
178	Achieving consensus in multilateral international negotiations: The case study of the 2015 Paris Agreement on climate change.. <i>Science Advances</i> , 2021 , 7, eabg8068	14.3	0
177	Adaptive distributed optimization algorithms for Euler-Lagrange systems. <i>Automatica</i> , 2020 , 119, 109060	5.7	10
176	Distributed optimisation approach to least-squares solution of Sylvester equations. <i>IET Control Theory and Applications</i> , 2020 , 14, 2968-2976	2.5	2
175	Distributed Solving Sylvester equations with an explicit exponential Convergence. <i>IFAC-PapersOnLine</i> , 2020 , 53, 3260-3265	0.7	
174	Distributed Computation for Solving the Sylvester Equation Based on Optimization	2020, 4, 414-419	4
173	Heterogeneous Hegselmann-Krause Dynamics With Environment and Communication Noise. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 3409-3424	5.9	9
172	Distributed Optimization Design for Computation of Algebraic Riccati Inequalities. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	2
171	Design of tracking observers for locally jointly observable systems. <i>Control Theory and Technology</i> , 2020 , 18, 390-398	1	0
170	Distributed sub-optimal resource allocation via a projected form of singular perturbation. <i>Automatica</i> , 2020 , 121, 109180	5.7	4
169	Learning implicit information in Bayesian games with knowledge transfer. <i>Control Theory and Technology</i> , 2020 , 18, 315-323	1	1
168	Distributed Kalman Filters With State Equality Constraints: Time-Based and Event-Triggered Communications. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 28-43	5.9	38

167	An intrinsic approach to formation control of regular polyhedra for reduced attitudes. <i>Automatica</i> , 2020 , 111, 108619	5.7	3
166	Distributed Continuous-Time Nonsmooth Convex Optimization With Coupled Inequality Constraints. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 74-84	4	12
165	Distributed Design for Nuclear Norm Minimization of Linear Matrix Equation with Constraints. <i>IEEE Transactions on Automatic Control</i> , 2020 , 1-1	5.9	
164	Distributed adaptive Kalman filter based on variational Bayesian technique. <i>Control Theory and Technology</i> , 2019 , 17, 37-47	1	4
163	Distributed optimal consensus of multiple double integrators under bounded velocity and acceleration. <i>Control Theory and Technology</i> , 2019 , 17, 85-98	1	6
162	. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 9448-9457	8.9	15
161	Distributed Energy Resource Coordination Over Time-Varying Directed Communication Networks. <i>IEEE Transactions on Control of Network Systems</i> , 2019 , 6, 1124-1134	4	26
160	A survey of distributed optimization. <i>Annual Reviews in Control</i> , 2019 , 47, 278-305	10.3	141
159	Distributed continuous-time algorithm for a general nonsmooth monotropic optimization problem. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 3252-3266	3.6	11
158	Adaptive Exact Penalty Design for Constrained Distributed Optimization. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 4661-4667	5.9	13
157	Quantized Gradient-Descent Algorithm for Distributed Resource Allocation. <i>Unmanned Systems</i> , 2019 , 07, 119-136	3	4
156	. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 1858-1873	5.9	28
155	Generalized Nash equilibrium seeking strategy for distributed nonsmooth multi-cluster game. <i>Automatica</i> , 2019 , 103, 20-26	5.7	39
154	Distributed Stochastic Algorithm for Convex optimization Problem Over Time-varying Directed Graphs 2019 ,		1
153	Distributed Optimization of Nonlinear Multi-Agent Systems: A Small-Gain Approach 2019 ,		2
152	Input-Feedforward-Passivity-Based Distributed Optimization Over Directed and Switching Topologies 2019 ,		2
151	Distributed optimisation design for solving the Stein equation with constraints. <i>IET Control Theory and Applications</i> , 2019 , 13, 2492-2499	2.5	6
150	Optimal Output Consensus of High-Order Multiagent Systems With Embedded Technique. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1768-1779	10.2	36

149	Optimal distributed stochastic mirror descent for strongly convex optimization. <i>Automatica</i> , 2018 , 90, 196-203	5.7	50
148	SOC Estimation-Based Quasi-Sliding Mode Control for Cell Balancing in Lithium-Ion Battery Packs. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 3427-3436	8.9	60
147	Distributed Nonsmooth Optimization With Coupled Inequality Constraints via Modified Lagrangian Function. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 1753-1759	5.9	67
146	Uniform convergence for signed networks under directed switching topologies. <i>Automatica</i> , 2018 , 90, 8-15	5.7	33
145	Distributed regression estimation with incomplete data in multi-agent networks. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	16
144	Distributed resource allocation over random networks based on stochastic approximation. <i>Systems and Control Letters</i> , 2018 , 114, 44-51	2.4	21
143	Distributed sub-optimal resource allocation over weight-balanced graph via singular perturbation. <i>Automatica</i> , 2018 , 95, 222-228	5.7	30
142	Distributed Continuous-Time Algorithms for Resource Allocation Problems Over Weight-Balanced Digraphs. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 3116-3125	10.2	61
141	Distributed Algorithm for Robust Resource Allocation with Polyhedral Uncertain Allocation Parameters. <i>Journal of Systems Science and Complexity</i> , 2018 , 31, 103-119	1	15
140	Distributed Consensus-Based K-Means Algorithm in Switching Multi-Agent Networks. <i>Journal of Systems Science and Complexity</i> , 2018 , 31, 1128-1145	1	7
139	Intrinsic tetrahedron formation of reduced attitude. <i>Automatica</i> , 2018 , 87, 375-382	5.7	4
138	Distributed Continuous-Time Algorithms for Nonsmooth Extended Monotropic Optimization Problems. <i>SIAM Journal on Control and Optimization</i> , 2018 , 56, 3973-3993	1.9	28
137	Constrained Consensus Algorithms With Fixed Step Size for Distributed Convex Optimization Over Multiagent Networks. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 4259-4265	5.9	70
136	Distributed optimal coordination for multiple heterogeneous Euler-Lagrangian systems. <i>Automatica</i> , 2017 , 79, 207-213	5.7	105
135	Semi-global cooperative output regulation of a class of nonlinear uncertain multi-agent systems under switching networks. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 5061-5081	3.6	6
134	. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 6065-6072	5.9	6
133	Distributed Optimization Design of Continuous-Time Multiagent Systems With Unknown-Frequency Disturbances. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 2058-2066	10.2	28
132	Nonlinear norm-observability and simulation of control systems. <i>Systems and Control Letters</i> , 2017 , 105, 14-19	2.4	1

131	Noise leads to quasi-consensus of Hegselmann-Krause opinion dynamics. <i>Automatica</i> , 2017 , 85, 448-454	5.7	45
130	Intrinsic reduced attitude formation with ring inter-agent graph. <i>Automatica</i> , 2017 , 85, 193-201	5.7	9
129	Continuous-time distributed algorithms for solving linear algebraic equation 2017 ,		3
128	Distributed Nash equilibrium seeking for aggregative games with coupled constraints. <i>Automatica</i> , 2017 , 85, 179-185	5.7	89
127	Targeted agreement of multiple Lagrangian systems. <i>Automatica</i> , 2017 , 84, 109-116	5.7	21
126	Distributed optimisation design with triggers for disturbed continuous-time multi-agent systems. <i>IET Control Theory and Applications</i> , 2017 , 11, 282-290	2.5	28
125	Distributed Continuous-Time Algorithm for Constrained Convex Optimizations via Nonsmooth Analysis Approach. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 5227-5233	5.9	96
124	Distributed Variational Equilibrium Seeking of Multi-coalition Game via Variational Inequality Approach. <i>IFAC-PapersOnLine</i> , 2017 , 50, 940-945	0.7	1
123	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).. <i>IFAC-PapersOnLine</i> , 2017 , 50, 6134-6139	0.7	
122	An exact penalty method for constrained distributed optimization 2017 ,		3
121	Cooperative optimal coordination for distributed energy resources 2017 ,		2
120	Distributed Optimization for a Class of Nonlinear Multiagent Systems With Disturbance Rejection. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 1655-66	10.2	112
119	Behaviors of networks with antagonistic interactions and switching topologies. <i>Automatica</i> , 2016 , 73, 110-116	5.7	120
118	On Convergence Rate of Distributed Stochastic Gradient Algorithm for Convex Optimization with Inequality Constraints. <i>SIAM Journal on Control and Optimization</i> , 2016 , 54, 2872-2892	1.9	35
117	Coverage-Based Interception Algorithm of Multiple Interceptors Against the Target Involving Decoys. <i>Journal of Guidance, Control, and Dynamics</i> , 2016 , 39, 1647-1653	2.1	20
116	Global robust distributed output consensus of multi-agent nonlinear systems: An internal model approach. <i>Systems and Control Letters</i> , 2016 , 87, 64-69	2.4	24
115	Output Feedback Stabilization and Estimation of the Region of Attraction for Nonlinear Systems: A Vector Control Lyapunov Function Perspective. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 4034-4040	5.9	11
114	Nash Equilibrium Computation in Subnetwork Zero-Sum Games With Switching Communications. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 2920-2935	5.9	68

113	Distributed continuous-time approximate projection protocols for shortest distance optimization problems. <i>Automatica</i> , 2016 , 69, 289-297	5.7	33
112	Network Synchronization With Nonlinear Dynamics and Switching Interactions. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 3103-3108	5.9	42
111	Quantized Leaderless and Leader-Following Consensus of High-Order Multi-Agent Systems With Limited Data Rate. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 2432-2447	5.9	62
110	Semi-global output consensus of a group of linear systems in the presence of external disturbances and actuator saturation: An output regulation approach. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 1353-1375	3.6	25
109	Consensus-Based Parallel Extreme Learning Machine for Indoor Localization 2016 ,		9
108	Lyapunov stability and generalized invariance principle for nonconvex differential inclusions. <i>Control Theory and Technology</i> , 2016 , 14, 140-150	1	5
107	Multi-Agent Optimization Design for Autonomous Lagrangian Systems. <i>Unmanned Systems</i> , 2016 , 04, 5-13	3	46
106	Initialization-free distributed algorithms for optimal resource allocation with feasibility constraints and application to economic dispatch of power systems. <i>Automatica</i> , 2016 , 74, 259-269	5.7	209
105	Distributed online optimization of high-order multi-agent systems 2016 ,		2
104	Distributed gradient algorithm for constrained optimization with application to load sharing in power systems. <i>Systems and Control Letters</i> , 2015 , 83, 45-52	2.4	151
103	Distributed high-gain attitude synchronization using rotation vectors. <i>Journal of Systems Science and Complexity</i> , 2015 , 28, 289-304	1	10
102	Distributed Surrounding Design of Target Region With Complex Adjacency Matrices. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 283-288	5.9	30
101	Distributed Projection-Based Algorithms for Source Localization in Wireless Sensor Networks. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 3131-3142	9.6	71
100	Distributed output regulation for a class of nonlinear multi-agent systems with unknown-input leaders. <i>Automatica</i> , 2015 , 62, 154-160	5.7	31
99	Distributed formation control with relaxed motion requirements. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 3210-3230	3.6	46
98	Multi-target localization and circumnavigation by a single agent using bearing measurements. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 2362-2374	3.6	35
97	Stochastic sub-gradient algorithm for distributed optimization with random sleep scheme. <i>Control Theory and Technology</i> , 2015 , 13, 333-347	1	16
96	Dynamic optimization for multi-agent systems with external disturbances. <i>Control Theory and Technology</i> , 2014 , 12, 132-138	1	38

95	Distributed attitude synchronization using backstepping and sliding mode control. <i>Control Theory and Technology</i> , 2014 , 12, 48-55	1	5
94	Adaptive multi-agent containment control with multiple parametric uncertain leaders. <i>Automatica</i> , 2014 , 50, 2366-2372	5.7	40
93	Distributed Output Regulation of Nonlinear Multi-Agent Systems via Host Internal Model. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 2784-2789	5.9	43
92	Approximate Projected Consensus for Convex Intersection Computation: Convergence Analysis and Critical Error Angle. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 1722-1736	5.9	49
91	Set target aggregation of multiple mechanical systems 2014 ,		6
90	Potential game design for a class of distributed optimisation problems. <i>Journal of Control and Decision</i> , 2014 , 1, 166-179	0.9	19
89	An approximate gradient algorithm for constrained distributed convex optimization. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2014 , 1, 61-67	7	8
88	Distributed control design for leader escort of multi-agent systems. <i>International Journal of Control</i> , 2014 , 1-11	1.5	
87	Consensus control of nonlinear leader-follower multi-agent systems with actuating disturbances. <i>Systems and Control Letters</i> , 2014 , 73, 58-66	2.4	36
86	Quantized Subgradient Algorithm and Data-Rate Analysis for Distributed Optimization. <i>IEEE Transactions on Control of Network Systems</i> , 2014 , 1, 380-392	4	84
85	Distributed attitude synchronization control of multi-agent systems with switching topologies. <i>Automatica</i> , 2014 , 50, 832-840	5.7	79
84	Distributed output regulation of leader-follower multi-agent systems. <i>International Journal of Robust and Nonlinear Control</i> , 2013 , 23, 48-66	3.6	148
83	Decentralized sweep coverage algorithm for multi-agent systems with workload uncertainties. <i>Automatica</i> , 2013 , 49, 2154-2159	5.7	38
82	Distributed Estimation for Moving Target Based on State-Consensus Strategy. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 2096-2101	5.9	45
81	Convergence of random sleep algorithms for optimal consensus. <i>Systems and Control Letters</i> , 2013 , 62, 1196-1202	2.4	18
80	Solvability and control design for synchronization of Boolean networks. <i>Journal of Systems Science and Complexity</i> , 2013 , 26, 871-885	1	28
79	Matrix Approach to Model Matching of Asynchronous Sequential Machines. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 2974-2979	5.9	86
78	Opinion evolution analysis for short-range and long-range Deffuant-Weisbuch models. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013 , 392, 5289-5297	3.3	36

77	Reaching an Optimal Consensus: Dynamical Systems That Compute Intersections of Convex Sets. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 610-622	5.9	166
76	A General Result on the Robust Cooperative Output Regulation for Linear Uncertain Multi-Agent Systems. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 1275-1279	5.9	167
75	Observability analysis and observer design for finite automata via matrix approach. <i>IET Control Theory and Applications</i> , 2013 , 7, 1609-1615	2.5	38
74	Target containment control of multi-agent systems with random switching interconnection topologies. <i>Automatica</i> , 2012 , 48, 879-885	5.7	146
73	Bifurcation stabilization of nonlinear systems by dynamic output feedback with application to rotating stall control. <i>Science China Information Sciences</i> , 2012 , 55, 200-213	3.4	2
72	Sweep coverage algorithm and coverage time estimation for multi-agent systems 2012 ,		2
71	Distributed attitude synchronization control of multi-agent systems with time-varying topologies 2012 ,		2
70	Distributed estimation for moving target under switching interconnection network 2012 ,		2
69	Distributed output regulation design for multi-agent systems in output-feedback form 2012 ,		9
68	Controllability analysis of multi-agent systems with directed and weighted interconnection. <i>International Journal of Control</i> , 2012 , 85, 1486-1496	1.5	41
67	Connectivity and Set Tracking of Multi-Agent Systems Guided by Multiple Moving Leaders. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 663-676	5.9	78
66	Stabilization of impulsive hybrid systems using quantized input and output feedback. <i>Asian Journal of Control</i> , 2012 , 14, 679-692	1.7	9
65	Target aggregation of second-order multi-agent systems with switching interconnection. <i>Journal of Systems Science and Complexity</i> , 2012 , 25, 430-440	1	5
64	Matrix expression and reachability analysis of finite automata. <i>Journal of Control Theory and Applications</i> , 2012 , 10, 210-215		70
63	Decentralized sweep coverage algorithm for uncertain region of multi-agent systems 2012 ,		4
62	Distributed event-triggered tracking control of multi-agent systems with active leader 2012 ,		6
61	Decentralized sweep algorithm of multi-agent systems with adaptive workload assignment 2012 ,		1
60	Matrix approach to simulation and bisimulation analysis of finite automata 2012 ,		3

59	Convergence and consensus analysis of multi-choice Deffuant-Weisbuch models 2012 ,		1
58	A result on the cooperative robust output regulation for linear uncertain multi-agent systems 2011 ,		5
57	Coordination of nonlinear multi-agent systems with multiple leaders and switching topologies 2010 ,		1
56	Multi-leader set coordination of multi-agent systems with random switching topologies 2010 ,		18
55	A Distributed Control Approach to A Robust Output Regulation Problem for Multi-Agent Linear Systems. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 2891-2895	5.9	289
54	Set tracking of multi-agent systems with variable topologies guided by moving multiple leaders 2010 ,		6
53	Distributed finite-time consensus algorithms for multi-agent systems with variable coupling topology. <i>Journal of Systems Science and Complexity</i> , 2010 , 23, 209-218	1	67
52	Quantized feedback stabilization of hybrid impulsive control systems 2009 ,		10
51	The phase diagram and the pathway of phase transitions for traffic flow in a circular one-lane roadway. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009 , 388, 1665-1672	3.3	4
50	Performance evaluation for damping controllers of power systems based on multi-agent models. <i>Journal of Systems Science and Complexity</i> , 2009 , 22, 77-87	1	3
49	Multi-agent tracking of a high-dimensional active leader with switching topology. <i>Journal of Systems Science and Complexity</i> , 2009 , 22, 722-731	1	36
48	Periodic solutions in non autonomous predator prey system with delays. <i>Nonlinear Analysis: Real World Applications</i> , 2009 , 10, 1589-1600	2.1	12
47	Striped attractor generation and synchronization analysis for coupled Rössler systems. <i>Chaos, Solitons and Fractals</i> , 2009 , 39, 322-331	9.3	2
46	Occurrence and underlying mechanism of multi-stripe chaotic attractors. <i>Chaos, Solitons and Fractals</i> , 2009 , 41, 2250-2258	9.3	1
45	Global target aggregation and state agreement of nonlinear multi-agent systems with switching topologies. <i>Automatica</i> , 2009 , 45, 1165-1175	5.7	150
44	Set stability and coordination of nonlinear multi-agent systems with switching structure 2008 ,		2
43	Input-to-state stability of hybrid switched systems with impulsive effects 2008 ,		3
42	Finite-Time Consensus for Multi-Agent Networks with Second-Order Agent Dynamics. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 15185-15190		122

41	Control of group of mobile autonomous agents via local strategies. <i>Journal of Control Theory and Applications</i> , 2008 , 6, 357-364		6
40	Analysis and circuit realization of intermittency with multiple laminar states. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008 , 372, 1070-1076	2.3	1
39	Travelling wave fronts in a vector disease model with delay. <i>Applied Mathematical Modelling</i> , 2008 , 32, 2831-2838	4.5	9
38	Distributed observers design for leader-following control of multi-agent networks. <i>Automatica</i> , 2008 , 44, 846-850	5.7	800
37	Distributed dynamic control for leaderless multi-agent consensus with star-like topology. <i>Asian Journal of Control</i> , 2008 , 10, 233-237	1.7	8
36	GENERATION AND CONTROL OF SPHERICAL AND CIRCULAR ATTRACTORS USING SWITCHING SCHEMES. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2007 , 17, 243-253	2	7
35	Analysis of a class of discrete-time systems with power rule. <i>Automatica</i> , 2007 , 43, 562-566	5.7	15
34	Generation and control of striped attractors of Rössler systems with feedback. <i>Chaos, Solitons and Fractals</i> , 2007 , 34, 693-703	9.3	4
33	Delay induced oscillation in predator-prey system with Beddington-DeAngelis functional response. <i>Applied Mathematics and Computation</i> , 2007 , 190, 1296-1311	2.7	11
32	Leader-following coordination of multi-agent systems with coupling time delays. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007 , 374, 853-863	3.3	644
31	Lyapunov-Based Approach to Multiagent Systems With Switching Jointly Connected Interconnection. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 943-948	5.9	313
30	Non-smooth finite-time stabilization for a class of nonlinear systems. <i>Science in China Series F: Information Sciences</i> , 2006 , 49, 80-89		6
29	Failure analysis on China power grid based on power law. <i>Journal of Control Theory and Applications</i> , 2006 , 4, 235-238		30
28	Intermittent Phenomena in Switched Systems With High Coupling Strengths. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2006 , 53, 2692-2704		9
27	Adaptive finite-time control of nonlinear systems with parametric uncertainty. <i>IEEE Transactions on Automatic Control</i> , 2006 , 51, 858-862	5.9	284
26	Finite-Time Stabilization of Nonlinear Systems With Parametric and Dynamic Uncertainties. <i>IEEE Transactions on Automatic Control</i> , 2006 , 51, 1950-1956	5.9	193
25	Tracking control for multi-agent consensus with an active leader and variable topology. <i>Automatica</i> , 2006 , 42, 1177-1182	5.7	1303
24	Chaotic behaviors and toroidal/spherical attractors generated by discontinuous dynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 371, 293-302	3.3	13

23	Chaotic attractors in striped rectangular shapes generated by a Rössler-like system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006 , 348, 195-200	2.3	14
22	Stabilization of uncertain chained form systems within finite settling time. <i>IEEE Transactions on Automatic Control</i> , 2005 , 50, 1379-1384	5.9	77
21	Analysis of a two-level software rejuvenation policy. <i>Reliability Engineering and System Safety</i> , 2005 , 87, 13-22	6.3	78
20	Anticontrol of chaos for dynamic systems in p-normal form: A homogeneity-based approach. <i>Chaos, Solitons and Fractals</i> , 2005 , 25, 687-697	9.3	9
19	Finite time convergent control using terminal sliding mode. <i>Journal of Control Theory and Applications</i> , 2004 , 2, 69-74		23
18	Preventive Maintenance of Multi-State System with Phase-Type Failure Time Distribution and Non-Zero Inspection Time. <i>International Journal of Reliability, Quality and Safety Engineering</i> , 2003 , 10, 323-344	0.6	16
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