Zhisheng Duan

List of Publications by Year
in descending order

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201 papers	11,006 citations	50276 46 h-index	30922 102 g-index
201 all docs	201 docs citations	201 times ranked	4070 citing authors

#	Article	IF	Citations
1	Identifying Disconnected Agents in Multiagent Systems via External Estimators. IEEE Transactions on Cybernetics, 2024, 54, 1011-1023.	9.5	1
2	Discernibility of Topological Variations for Networked LTI Systems. IEEE Transactions on Automatic Control, 2023, 68, 377-384.	5.7	6
3	Distributed Consensus Seeking With Different Convergence Performance Requirements: A Unified Control Framework. IEEE Transactions on Cybernetics, 2023, 53, 5483-5496.	9.5	2
4	Distributed Fixed-Time Coordination Control for Networked Multiple Eulerâ€“Lagrange Systems. IEEE Transactions on Cybernetics, 2022, 52, 4611-4622.	9.5	23
5	An Accelerated Algorithm for Linear Quadratic Optimal Consensus of Heterogeneous Multiagent Systems. IEEE Transactions on Automatic Control, 2022, 67, 421-428.	5.7	17
6	A Distributed Optimization Scheme for State Estimation of Nonlinear Networks With Norm-Bounded Uncertainties. IEEE Transactions on Automatic Control, 2022, 67, 2582-2589.	5.7	8
7	Distributed H_{âˆž} Robust Control of Multiagent Systems With Uncertain Parameters: Performance-Region-Based Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2888-2898.	9.3	6
8	Optimal Distributed Leader-Following Consensus of Linear Multi-Agent Systems: A Dynamic Average Consensus-Based Approach. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1208-1212.	3.0	20
9	Fully distributed observerâ€based protocols for bipartite consensus of directed nonlinear multiâ€agent systems: AÂproportionalâ€integralâ€gain perspective. International Journal of Robust and Nonlinear Control, 2022, 32, 9696-9709.	3.7	8
10	Fully Distributed Filtering With a Stochastic Event-Triggered Mechanism. IEEE Transactions on Control of Network Systems, 2022, 9, 753-762.	3.7	7
11	Distributed State Estimation for Uncertain Linear Systems With a Recursive Architecture. IEEE Transactions on Network Science and Engineering, 2022, 9, 1163-1174.	6.4	3
12	A unified control method for consensus with various quantizers. Automatica, 2022, 136, 110090.	5.0	4
13	Distributed State Estimation for Continuous-Time Linear Systems With Correlated Measurement Noise. IEEE Transactions on Automatic Control, 2022, 67, 4614-4628.	5.7	8
14	Target Controllability of Networked LTI Systems. IEEE Transactions on Network Science and Engineering, 2022, 9, 1493-1500.	6.4	1
15	A Fully Distributed Robust Secure Consensus Protocol for Linear Multi-Agent Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3264-3268.	3.0	5
16	Outputâ€feedback Qâ€learning for discreteâ€time linear H^{âˆž}Âtracking control: A Stackelberg game approach. International Journal of Robust and Nonlinear Control, 2022, 32, 6805-6828.	3.7	6
17	Distributed Antiwindup Consensus Control of Heterogeneous Multiagent Systems Over Markovian Randomly Switching Topologies. IEEE Transactions on Automatic Control, 2022, 67, 6310-6317.	5.7	8
18	Optimal Leader-Following Consensus Control of Multi-Agent Systems: A Neural Network Based Graphical Game Approach. IEEE Transactions on Network Science and Engineering, 2022, 9, 3590-3601.	6.4	5

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19	Rendezvous of Heterogeneous Multiagent Systems With Nonuniform Time-Varying Information Delays: An Adaptive Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4848-4857.	9.3	12
20	The Role of Reverse Edges on Consensus Performance of Chain Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1757-1765.	9.3	8
21	Distributed Model Predictive Control for Linearâ€“Quadratic Performance and Consensus State Optimization of Multiagent Systems. IEEE Transactions on Cybernetics, 2021, 51, 2905-2915.	9.5	37
22	Distributed Kalman filtering for uncertain dynamic systems with state constraints. International Journal of Robust and Nonlinear Control, 2021, 31, 496-508.	3.7	9
23	Formation-Control Stability and Communication Capacity of Multiagent Systems: A Joint Analysis. IEEE Transactions on Control of Network Systems, 2021, 8, 917-927.	3.7	4
24	Distributed Finite-Horizon Extended Kalman Filtering for Uncertain Nonlinear Systems. IEEE Transactions on Cybernetics, 2021, 51, 512-520.	9.5	46
25	A performance regionâ€based approach to the leaderâ€following consensus of nonlinear multiagent systems. International Journal of Robust and Nonlinear Control, 2021, 31, 2168-2185.	3.7	3
26	Resilient State Estimation for Complex Dynamic Networks With System Model Perturbation. IEEE Transactions on Control of Network Systems, 2021, 8, 135-146.	3.7	17
27	Robust control of uncertain robotic systems: An adaptive friction compensation approach. Science China Technological Sciences, 2021, 64, 1228-1237.	4.0	9
28	Linear quadratic optimal consensus of discrete-time multi-agent systems with optimal steady state: A distributed model predictive control approach. Automatica, 2021, 127, 109505.	5.0	25
29	Distributed maximum correntropy unscented Kalman filtering with state equality constraints. International Journal of Robust and Nonlinear Control, 2021, 31, 7053-7071.	3.7	9
30	On bipartite consensus of linear MASs with input saturation over directed signed graphs: Fully distributed adaptive approach. IET Control Theory and Applications, 2021, 15, 694-706.	2.1	4
31	Distributed Quantized Control with Dynamic Event-Based Communication Under Directed Graphs. , 2021, , .		0
32	Fully Distributed State Feedback Controller Design for Bipartite Consensus Tracking of Lipschitz Nonlinear Systems over Directed Topology. , 2021, , .		0
33	Distributed PI Control for Consensus of Heterogeneous Multiagent Systems Over Directed Graphs. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1602-1609.	9.3	61
34	Event-Based Multiagent Consensus Control: Zeno-Free Triggering via $mathcal{L}^p$ Signals. IEEE Transactions on Cybernetics, 2020, 50, 284-296.	9.5	70
35	Distributed Optimal Consensus Control Algorithm for Continuous-Time Multi-Agent Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 102-106.	3.0	38
36	Necessary and sufficient condition for non-concave network utility maximisation. International Journal of Control, 2020, 93, 319-327.	1.9	1

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37	Event-Based Distributed Tracking Control for Second-Order Multiagent Systems With Switching Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3220-3230.	9.3	37
38	Stochastic Consensus Control Integrated With Performance Improvement: A Consensus Region-Based Approach. IEEE Transactions on Industrial Electronics, 2020, 67, 3000-3012.	7.9	26
39	A Performance-Region-Based Approach to the H _{â^ž} Stochastic Consensus Problem. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1289-1293.	3.0	6
40	On the domain of attraction and local stabilization of nonlinear parameterâ€varying systems. International Journal of Robust and Nonlinear Control, 2020, 30, 17-32.	3.7	11
41	Distributed and adaptive triggering control for networked agents with linear dynamics. Information Sciences, 2020, 517, 297-314.	6.9	22
42	Some Necessary and Sufficient Conditions on the Controllability of Star Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2582-2586.	3.0	3
43	Distributed Fixed-Time Triggering-Based Containment Control for Networked Nonlinear Agents Under Directed Graphs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 3541-3552.	5.4	42
44	Adaptive attack-free protocol for consensus tracking with pure relative output information. Automatica, 2020, 117, 108998.	5.0	58
45	Fully Distributed Containment Control for Multiple Euler-Lagrange Systems Over Directed Graphs: An Event-Triggered Approach. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 2078-2090.	5.4	40
46	Distributed eventâ€triggered tracking control with a dynamic leader for multiple Eulerâ€Lagrange systems under directed networks. International Journal of Robust and Nonlinear Control, 2020, 30, 3073-3093.	3.7	11
47	Distributed state estimation for uncertain linear systems: A regularized least-squares approach. Automatica, 2020, 117, 109007.	5.0	31
48	Leader-Follower Bipartite Consensus over Directed Co-op Network with Leaderâ€™s Bounded Input. , 2020, , .		1
49	Controllability of Kronecker product networks. Automatica, 2019, 110, 108597.	5.0	23
50	Fully distributed consensus for general linear multiâ€agent systems with unknown external disturbances. IET Control Theory and Applications, 2019, 13, 2595-2609.	2.1	21
51	Distributed Robust Estimation with Dynamics Uncertainties and Random Communication Topologies. , 2019, , .		0
52	New Controllability Conditions for Networked, Identical LTI Systems. IEEE Transactions on Automatic Control, 2019, 64, 4223-4228.	5.7	28
53	Stability of a General Class of Power Control Algorithms With Single-Step Feedback in Wireless Networks. IEEE Transactions on Automatic Control, 2019, 64, 2890-2897.	5.7	3
54	LQ Synchronization of Discrete-Time Multiagent Systems: A Distributed Optimization Approach. IEEE Transactions on Automatic Control, 2019, 64, 5183-5190.	5.7	48

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55	Eventâ€based distributed robust synchronization control for multiple Eulerâ€Lagrange systems without relative velocity measurements. International Journal of Robust and Nonlinear Control, 2019, 29, 3684-3700.	3.7	22
56	Finite-Time Hâˆž Analysis and Application on the Design of Sliding Mode and Consensus Protocol of Multi-Agent Systems. , 2019, , .		0
57	Consensus of Multi-Agent Systems With Heterogeneous Input Saturation Levels. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1053-1057.	3.0	27
58	Consensus tracking control with transient performance improvement for a group of unmanned aerial vehicles subject to faults and parameter uncertainty. International Journal of Control, 2019, 92, 796-815.	1.9	9
59	Distributed Formation Control of Multiple Quadrotor Aircraft Based on Nonsmooth Consensus Algorithms. IEEE Transactions on Cybernetics, 2019, 49, 342-353.	9.5	225
60	Task-space fully distributed tracking control of networked uncertain robotic manipulators without velocity measurements. International Journal of Control, 2019, 92, 1367-1380.	1.9	8
61	Distributed Algorithm to Solve a System of Linear Equations With Unique or Multiple Solutions From Arbitrary Initializations. IEEE Transactions on Control of Network Systems, 2019, 6, 82-93.	3.7	21
62	Distributed PI Control for Multi-agent Consensus Tracking of Heterogeneous Networks with Heterogeneous Uncertainties. Studies in Computational Intelligence, 2019, , 470-481.	0.9	0
63	Fully Distributed Adaptive PI Controllers for Heterogeneous Linear Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1209-1213.	3.0	29
64	Leader-Following Consensus of Multi-Agent Systems With Switching Networks and Event-Triggered Control. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 1696-1706.	5.4	89
65	Further on the controllability of networked MIMO LTI systems. International Journal of Robust and Nonlinear Control, 2018, 28, 1778-1788.	3.7	36
66	Distributed attitude synchronization control for multiple flexible spacecraft without modal variable measurement. International Journal of Robust and Nonlinear Control, 2018, 28, 3435-3453.	3.7	37
67	Comments on â€œDistributed event-triggered control of multi-agent systems with combinational measurementsâ€. Automatica, 2018, 92, 264-265.	5.0	16
68	Distributed adaptive consensus protocols for linear multiâ€agent systems over directed graphs with relative output information. IET Control Theory and Applications, 2018, 12, 613-620.	2.1	29
69	A new iterative approach for multi-objective fault detection observer design and its application to a hypersonic vehicle. International Journal of Control, 2018, 91, 554-570.	1.9	7
70	Decentralised fixed modes of networked MIMO systems. International Journal of Control, 2018, 91, 859-873.	1.9	5
71	Consensus of multiâ€agent systems with fixed inner connections. International Journal of Robust and Nonlinear Control, 2018, 28, 154-173.	3.7	24
72	Cooperative Output Regulation of LTI Plant via Distributed Observers With Local Measurement. IEEE Transactions on Cybernetics, 2018, 48, 2181-2191.	9.5	21

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73	H_{â^ž} mixed stabilization of nonlinear parameterâ€varying systems. International Journal of Robust and Nonlinear Control, 2018, 28, 5232-5246.	3.7	14
74	Novel distributed robust adaptive consensus protocols for linear multi-agent systems with directed graphs and external disturbances. International Journal of Control, 2017, 90, 137-147.	1.9	84
75	A new decentralised controller design method for a class of strongly interconnected systems. International Journal of Control, 2017, 90, 201-217.	1.9	10
76	Controllability and observability of an nâ€link robot with multiple active links. International Journal of Robust and Nonlinear Control, 2017, 27, 4633-4647.	3.7	16
77	Method for improving the bankâ€toâ€turn missile manoeuvrability. IET Control Theory and Applications, 2017, 11, 586-592.	2.1	0
78	Stability of Power Control in Multiple Coexisting Wireless Networks: An $mathscr {L}_{2}$ Small-Gain Perspective. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 1235-1246.	5.4	6
79	Distributed attitude control for multiple flexible spacecraft under actuator failures and saturation. Nonlinear Dynamics, 2017, 88, 529-546.	5.2	40
80	Distributed solution to linear equations from arbitrary initializations. , 2017, , .		4
81	Distributed average tracking for multiple signals generated by linear dynamical systems: An edge-based framework. Automatica, 2017, 75, 158-166.	5.0	135
82	An iterative approach to H_{â^’}/H_{â^ž} Fault Detection Observer Design for Discreteâ€Time Uncertain Systems. Asian Journal of Control, 2017, 19, 188-201.	3.0	16
83	Structured output-feedback controller synthesis with design specifications. International Journal of Systems Science, 2017, 48, 738-749.	5.5	13
84	Distributed adaptive consensus protocol design for heterogeneous multi-agent systems with switching communication topologies. , 2017, , .		4
85	Distributed attitude synchronization control for multiple flexible spacecraft using adaptive sliding mode. , 2017, , .		2
86	Consensus of discrete-time linear multi-agent systems with inherent connections. , 2017, , .		0
87	Distributed H<inf>â^ž</inf> control of multi-agent systems over randomly switching topologies. , 2017, , .		5
88	Power control in multiple coexisting wireless networks: L<inf>1</inf> and L<inf>â^ž</inf> gain based stability analysis. , 2017, , .		0
89	Consensus of multi-agent systems under a class of randomly time-varying networks. , 2017, , .		0
90	Non-concave network utility maximization in connectionless networks: A fully distributed traffic allocation algorithm. , 2017, , .		6

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91	Task-space cooperative tracking control of networked manipulators with uncertain kinematics and dynamics. , 2017, , .		0
92	Distributed adaptive consensus protocols for linearly coupled Lur'e systems over a directed topology. IET Control Theory and Applications, 2017, 11, 2465-2474.	2.1	3
93	Necessary and sufficient conditions for the controllability of chain-shape networks. , 2017, , .		2
94	Controllability and observability of an n-link planar robot with multiple actuators. , 2016, , .		3
95	Attitude synchronization for flexible spacecraft formation with actuator faults. , 2016, , .		0
96	Distributed minimum weighted norm solution to linear equations associated with weighted inner product. , 2016, , .		5
97	Controllability and observability of an n-link planar robot with active joints. , 2016, , .		2
98	Distributed consensus using sampled position data for second-order multi-agent systems with communication delay. , 2016, , .		2
99	Distributed adaptive output feedback consensus protocols for linear systems on directed graphs with a leader of bounded input. Automatica, 2016, 74, 308-314.	5.0	142
100	Distributed adaptive consensus protocols for linear multi-agent systems: An integrated design approach. , 2016, , .		2
101	Distributed average computation for multiple timeâ€varying signals with output measurements. International Journal of Robust and Nonlinear Control, 2016, 26, 2899-2915.	3.7	54
102	Distributed consensus for multiple Euler-Lagrange systems: An event-triggered approach. Science China Technological Sciences, 2016, 59, 33-44.	4.0	41
103	Event-triggered consensus tracking of multi-agent systems with Lur'e nonlinear dynamics. International Journal of Control, 2016, 89, 1025-1037.	1.9	39
104	Distributed adaptive consensus protocols for multiple Lur'e systems over directed graphs. IET Control Theory and Applications, 2016, 10, 443-450.	2.1	31
105	Some necessary and sufficient conditions for consensus of second-order multi-agent systems with sampled position data. Automatica, 2016, 63, 148-155.	5.0	157
106	Distributed finite-time tracking of multiple non-identical second-order nonlinear systems with settling time estimation. Automatica, 2016, 64, 86-93.	5.0	218
107	Containment of Higher-Order Multi-Leader Multi-Agent Systems: A Dynamic Output Approach. IEEE Transactions on Automatic Control, 2016, 61, 1135-1140.	5.7	357
108	Distributed consensus of second-order multi-agent systems with uniquely sampled position data. , 2015, , .		2

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109	Finite-time containment control without velocity and acceleration measurements. Nonlinear Dynamics, 2015, 82, 259-268.	5.2	59
110	Distributed finite-time tracking for a multi-agent system under a leader with bounded unknown acceleration. Systems and Control Letters, 2015, 81, 8-13.	2.3	113
111	Consensus of multiâ€agent systems via delayed and intermittent communications. IET Control Theory and Applications, 2015, 9, 62-73.	2.1	67
112	Distributed finite-time tracking of multiple Euler-Lagrange systems without velocity measurements. International Journal of Robust and Nonlinear Control, 2015, 25, 1688-1703.	3.7	153
113	Adaptive Consensus for Multiple Nonidentical Matching Nonlinear Systems: An Edge-Based Framework. IEEE Transactions on Circuits and Systems II: Express Briefs, 2015, 62, 85-89.	3.0	37
114	Finiteâ€time consensus for secondâ€order multiâ€agent systems with saturated control protocols. IET Control Theory and Applications, 2015, 9, 312-319.	2.1	72
115	Static outputâ€feedback controller synthesis with restricted frequency domain specifications for timeâ€delay systems. IET Control Theory and Applications, 2015, 9, 1608-1614.	2.1	20
116	On decoupled or coupled control of bank-to-turn missiles. Science China Information Sciences, 2015, 58, 1-13.	4.3	5
117	Structured controller synthesis with restricted frequency domain specifications. , 2015, , .		4
118	Containment control of linear multiâ€agent systems with multiple leaders of bounded inputs using distributed continuous controllers. International Journal of Robust and Nonlinear Control, 2015, 25, 2101-2121.	3.7	144
119	Distributed Robust Consensus of a Class of <scp>L</scp>ipschitz Nonlinear Multiâ€agent Systems with Matching Uncertainties. Asian Journal of Control, 2015, 17, 3-13.	3.0	17
120	Distributed robust control of uncertain linear multiâ€agent systems. International Journal of Robust and Nonlinear Control, 2015, 25, 2162-2179.	3.7	70
121	Designing Fully Distributed Consensus Protocols for Linear Multi-Agent Systems With Directed Graphs. IEEE Transactions on Automatic Control, 2015, 60, 1152-1157.	5.7	809
122	Consensus tracking of linear multiâ€agent systems under a networked detectability condition with reducedâ€order protocols. IET Control Theory and Applications, 2014, 8, 2238-2244.	2.1	2
123	Distributed consensus protocol design for general linear multiâ€agent systems: a consensus region approach. IET Control Theory and Applications, 2014, 8, 2145-2161.	2.1	34
124	Robust vibration control of uncertain flexible structures based on model reduction. , 2014, , .		1
125	Distributed consensus of multi-agent systems with general linear node dynamics and intermittent communications. International Journal of Robust and Nonlinear Control, 2014, 24, 2438-2457.	3.7	213
126	Leaderâ€following consensus of secondâ€order nonâ€linear multiâ€agent systems with directed intermittent communication. IET Control Theory and Applications, 2014, 8, 782-795.	2.1	91

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127	Leaderâ€following consensus of networked secondâ€order agents with delayed information transmission. IET Control Theory and Applications, 2014, 8, 1421-1428.	2.1	14
128	Distributed adaptive consensus protocols for linear multi-agent systems with directed graphs in the presence of external disturbances. , 2014, , .		5
129	Consensus Tracking of Multi-Agent Systems With Lipschitz-Type Node Dynamics and Switching Topologies. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 499-511.	5.4	686
130	Synchronization of coupled Duffing-type oscillator dynamical networks. Neurocomputing, 2014, 136, 162-169.	5.9	16
131	Distributed H _{â^ž} and H ₂ consensus control in directed networks. IET Control Theory and Applications, 2014, 8, 193-201.	2.1	39
132	Robust containment tracking of uncertain linear multi-agent systems: a non-smooth controlÂapproach. International Journal of Control, 2014, 87, 2522-2534.	1.9	44
133	Anti-saturation control and control allocation for hypersonic vehicles with reaction jets. , 2014, , .		0
134	Distributed H<inf>∞</inf> robust control of uncertain linear multi-agent systems. , 2014, , .		0
135	Consensus tracking of linear multi-agent systems under networked observability conditions. International Journal of Control, 2014, 87, 1478-1486.	1.9	18
136	Distributed robust leaderless consensus of Lipschitz nonlinear multi-agent systems with matching uncertainties. , 2014, , .		5
137	A New Observerâ€Type Consensus Protocol for Linear Multiâ€Agent Dynamical Systems. Asian Journal of Control, 2013, 15, 571-582.	3.0	39
138	Consensus of multiâ€agent systems with nonlinear dynamics and sampledâ€data information: a delayedâ€input approach. International Journal of Robust and Nonlinear Control, 2013, 23, 602-619.	3.7	298
139	Robust consensus tracking of multiâ€agent systems with uncertain Lur'eâ€type nonâ€linear dynamics. IET Control Theory and Applications, 2013, 7, 1249-1260.	2.1	51
140	Distributed consensus tracking of multi-agent systems with nonlinear dynamics under a reference leader. International Journal of Control, 2013, 86, 1859-1869.	1.9	67
141	Distributed tracking control of multi-agent systems with heterogeneous uncertainties. , 2013, , .		2
142	Distributed finite-time containment control for multi-agent systems with multiple dynamic leaders. , 2013, , .		3
143	Distributed finite-time tracking control for multi-agent systems: An observer-based approach. Systems and Control Letters, 2013, 62, 22-28.	2.3	271
144	Distributed consensus control for linear multi-agent systems with discontinuous observations. International Journal of Control, 2013, 86, 95-106.	1.9	65

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145	Actuator Fault Reconstruction for Systems with Monotone Nonlinearities. Asian Journal of Control, 2013, 15, 1091-1101.	3.0	5
146	H_{â^ž}andH₂control of multi-agent systems with transient performance improvement. International Journal of Control, 2013, 86, 2131-2145.	1.9	26
147	Adaptive containment control of coupled linear systems with parameter uncertainties. , 2013, , .		6
148	Consensus of second-order multi-agent systems with delayed nonlinear dynamics and intermittent communications. International Journal of Control, 2013, 86, 322-331.	1.9	179
149	Consensus tracking of nonlinear multi-agent systems with switching directed topologies. , 2012, , .		7
150	Distributed containment control of uncertain linear multi-agent systems. , 2012, , .		4
151	DistributedH_{â^ž}consensus of multi-agent systems: a performance region-based approach. International Journal of Control, 2012, 85, 332-341.	1.9	102
152	Distributed quadratic stabilization of uncertain linear multi-agent systems. , 2012, , .		5
153	Distributed consensus of multi-agent systems with general linear node dynamics through intermittent communications. , 2012, , .		15
154	Distributed robust control of linear multi-agent systems with parameter uncertainties. International Journal of Control, 2012, 85, 1039-1050.	1.9	107
155	Consensus and its â„’₂-gain performance of multi-agent systems with intermittent information transmissions. International Journal of Control, 2012, 85, 384-396.	1.9	125
156	LQ bumpless transfer between two tracking controllers. International Journal of Control, 2012, 85, 1546-1556.	1.9	12
157	Consensus in multiâ€agent systems with communication constraints. International Journal of Robust and Nonlinear Control, 2012, 22, 170-182.	3.7	284
158	Flocking of multiâ€agent dynamical systems with intermittent nonlinear velocity measurements. International Journal of Robust and Nonlinear Control, 2012, 22, 1790-1805.	3.7	73
159	An improved decentralized control method for Bankâ€toâ€Turn missile autopilot design. Asian Journal of Control, 2012, 14, 1317-1327.	3.0	3
160	Output chattering attenuation between two tracking controllers. International Journal of Control, Automation and Systems, 2012, 10, 651-658.	2.7	4
161	Global synchronised regions of linearly coupled Lur'e systems. International Journal of Control, 2011, 84, 216-227.	1.9	43
162	Second-order consensus for nonlinear multi-agent systems with intermittent measurements. , 2011, , .		8

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163	A weighted local-world evolving network model with aging nodes. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 4012-4026.	2.6	32
164	Distributed adaptive attitude synchronization of multiple spacecraft. Science China Technological Sciences, 2011, 54, 1992-1998.	4.0	26
165	On <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si4.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si5.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> performance regions of multi-agent systems. Automatica, 2011, 47, 797-803.	5.0	191
166	Consensus of discrete-time linear multi-agent systems with observer-type protocols. Discrete and Continuous Dynamical Systems - Series B, 2011, 16, 489-505.	0.9	77
167	New absolute stability criteria for time-delay Lur'e systems with sector-bounded nonlinearity. International Journal of Robust and Nonlinear Control, 2010, 20, 659-672.	3.7	15
168	Consensus of Multiagent Systems and Synchronization of Complex Networks: A Unified Viewpoint. IEEE Transactions on Circuits and Systems I: Regular Papers, 2010, 57, 213-224.	5.4	1,902
169	On the effects of redundant control inputs. , 2010, , .		0
170	Global consensus regions of multi-agent systems with nonlinear dynamics. , 2010, , .		3
171	H₂ norm accumulation and its impact on synchronisation of complex dynamical networks. International Journal of Control, 2009, 82, 2356-2364.	1.9	5
172	H â^ž control of networked multi-agent systems. Journal of Systems Science and Complexity, 2009, 22, 35-48.	2.8	55
173	Two kinds of harmonic problems in control systems. Journal of Systems Science and Complexity, 2009, 22, 587-596.	2.8	3
174	The effects of redundant control inputs in optimal control. Science in China Series F: Information Sciences, 2009, 52, 1973-1981.	1.1	19
175	Global Robust Stability and Synchronization of Networks With Lorenz-Type Nodes. IEEE Transactions on Circuits and Systems II: Express Briefs, 2009, 56, 679-683.	3.0	47
176	Estimating Uncertain Delayed Genetic Regulatory Networks: An Adaptive Filtering Approach. IEEE Transactions on Automatic Control, 2009, 54, 892-897.	5.7	68
177	Leader-follower consensus of multi-agent systems. , 2009, , .		47
178	Disconnected Synchronized Regions of Complex Dynamical Networks. IEEE Transactions on Automatic Control, 2009, 54, 845-849.	5.7	66
179	Network synchronizability analysis: The theory of subgraphs and complementary graphs. Physica D: Nonlinear Phenomena, 2008, 237, 1006-1012.	2.8	41
180	Synchronization of weighted networks and complex synchronized regions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 3741-3751.	2.1	85

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181	Stability analysis and decentralized control of a class of complex dynamical networks. Automatica, 2008, 44, 1028-1035.	5.0	159
182	An SIS model with infective medium on complex networks. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 2133-2144.	2.6	112
183	Disturbance rejection and H_{âˆž} pinning control of networked multi-agent systems. , 2008, , .		2
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