Zhisheng Duan

List of Publications by Year
in descending order

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	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
2	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
3	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
4	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
5	Robust <mml:math altimg="si26.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	5.0	300
6	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
7	Consensus in multiâ€agent systems with communication constraints. International Journal of Robust and Nonlinear Control, 2012, 22, 170-182.	3.7	284
8	Distributed finite-time tracking control for multi-agent systems: An observer-based approach. Systems and Control Letters, 2013, 62, 22-28.	2.3	271
9	Distributed Formation Control of Multiple Quadrotor Aircraft Based on Nonsmooth Consensus Algorithms. IEEE Transactions on Cybernetics, 2019, 49, 342-353.	9.5	225
10	Distributed finite-time tracking of multiple non-identical second-order nonlinear systems with settling time estimation. Automatica, 2016, 64, 86-93.	5.0	218
11	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
12	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></m 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></m performance regions of multi-agent systems. Automatica, 2011, 47, 797-803.	5.0	191
13	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
14	Stability analysis and decentralized control of a class of complex dynamical networks. Automatica, 2008, 44, 1028-1035.	5.0	159
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Distributed average tracking for multiple signals generated by linear dynamical systems: An edge-based framework. Automatica, 2017, 75, 158-166.	5.0	135
20	Consensus and its ℓ_2-gain performance of multi-agent systems with intermittent information transmissions. International Journal of Control, 2012, 85, 384-396.	1.9	125
21	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
22	An SIS model with infective medium on complex networks. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 2133-2144.	2.6	112
23	Complex network synchronizability: Analysis and control. Physical Review E, 2007, 76, 056103.	2.1	107
24	Distributed robust control of linear multi-agent systems with parameter uncertainties. International Journal of Control, 2012, 85, 1039-1050.	1.9	107
25	Distributed H_∞ consensus of multi-agent systems: a performance region-based approach. International Journal of Control, 2012, 85, 332-341.	1.9	102
26	Leader-following consensus of second-order non-linear multi-agent systems with directed intermittent communication. IET Control Theory and Applications, 2014, 8, 782-795.	2.1	91
27	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
28	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
29	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
30	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
31	Flocking of multi-agent dynamical systems with intermittent nonlinear velocity measurements. International Journal of Robust and Nonlinear Control, 2012, 22, 1790-1805.	3.7	73
32	Finite-time consensus for second-order multi-agent systems with saturated control protocols. IET Control Theory and Applications, 2015, 9, 312-319.	2.1	72
33	Distributed robust control of uncertain linear multi-agent systems. International Journal of Robust and Nonlinear Control, 2015, 25, 2162-2179.	3.7	70
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	Estimating Uncertain Delayed Genetic Regulatory Networks: An Adaptive Filtering Approach. IEEE Transactions on Automatic Control, 2009, 54, 892-897.	5.7	68
36	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

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37	Consensus of multi-agent systems via delayed and intermittent communications. IET Control Theory and Applications, 2015, 9, 62-73.	2.1	67
38	Disconnected Synchronized Regions of Complex Dynamical Networks. IEEE Transactions on Automatic Control, 2009, 54, 845-849.	5.7	66
39	Distributed consensus control for linear multi-agent systems with discontinuous observations. International Journal of Control, 2013, 86, 95-106.	1.9	65
40	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
41	Finite-time containment control without velocity and acceleration measurements. Nonlinear Dynamics, 2015, 82, 259-268.	5.2	59
42	Adaptive attack-free protocol for consensus tracking with pure relative output information. Automatica, 2020, 117, 108998.	5.0	58
43	H ∞ control of networked multi-agent systems. Journal of Systems Science and Complexity, 2009, 22, 35-48.	2.8	55
44	Distributed average computation for multiple time-varying signals with output measurements. International Journal of Robust and Nonlinear Control, 2016, 26, 2899-2915.	3.7	54
45	Robust consensus tracking of multi-agent systems with uncertain Lur'e-type non-linear dynamics. IET Control Theory and Applications, 2013, 7, 1249-1260.	2.1	51
46	LQ Synchronization of Discrete-Time Multiagent Systems: A Distributed Optimization Approach. IEEE Transactions on Automatic Control, 2019, 64, 5183-5190.	5.7	48
47	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
48	Leader-follower consensus of multi-agent systems. , 2009, , .		47
49	Distributed Finite-Horizon Extended Kalman Filtering for Uncertain Nonlinear Systems. IEEE Transactions on Cybernetics, 2021, 51, 512-520.	9.5	46
50	Robust containment tracking of uncertain linear multi-agent systems: a non-smooth control approach. International Journal of Control, 2014, 87, 2522-2534.	1.9	44
51	Global synchronised regions of linearly coupled Lur'e systems. International Journal of Control, 2011, 84, 216-227.	1.9	43
52	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
53	Network synchronizability analysis: The theory of subgraphs and complementary graphs. Physica D: Nonlinear Phenomena, 2008, 237, 1006-1012.	2.8	41
54	Distributed consensus for multiple Euler-Lagrange systems: An event-triggered approach. Science China Technological Sciences, 2016, 59, 33-44.	4.0	41

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55	Distributed attitude control for multiple flexible spacecraft under actuator failures and saturation. Nonlinear Dynamics, 2017, 88, 529-546.	5.2	40
56	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
57	Special decentralized control problems in discrete-time interconnected systems composed of two subsystems. Systems and Control Letters, 2007, 56, 206-214.	2.3	39
58	A New Observer–Type Consensus Protocol for Linear Multi–Agent Dynamical Systems. Asian Journal of Control, 2013, 15, 571-582.	3.0	39
59	Distributed H $_\infty$ and H $_2$ consensus control in directed networks. IET Control Theory and Applications, 2014, 8, 193-201.	2.1	39
60	Event-triggered consensus tracking of multi-agent systems with Lur'e nonlinear dynamics. International Journal of Control, 2016, 89, 1025-1037.	1.9	39
61	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
62	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
63	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
64	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
65	Distributed Model Predictive Control for Linear–Quadratic Performance and Consensus State Optimization of Multiagent Systems. IEEE Transactions on Cybernetics, 2021, 51, 2905-2915.	9.5	37
66	Further on the controllability of networked MIMO LTI systems. International Journal of Robust and Nonlinear Control, 2018, 28, 1778-1788.	3.7	36
67	Distributed consensus protocol design for general linear multi–agent systems: a consensus region approach. IET Control Theory and Applications, 2014, 8, 2145-2161.	2.1	34
68	A weighted local-world evolving network model with aging nodes. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 4012-4026.	2.6	32
69	Distributed adaptive consensus protocols for multiple Lur'e systems over directed graphs. IET Control Theory and Applications, 2016, 10, 443-450.	2.1	31
70	Distributed state estimation for uncertain linear systems: A regularized least-squares approach. Automatica, 2020, 117, 109007.	5.0	31
71	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
72	Distributed adaptive consensus protocols for linear multi–agent systems over directed graphs with relative output information. IET Control Theory and Applications, 2018, 12, 613-620.	2.1	29

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73	New Controllability Conditions for Networked, Identical LTI Systems. IEEE Transactions on Automatic Control, 2019, 64, 4223-4228.	5.7	28
74	Input and output coupled nonlinear systems. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2005, 52, 567-575.	0.1	27
75	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
76	Distributed adaptive attitude synchronization of multiple spacecraft. Science China Technological Sciences, 2011, 54, 1992-1998.	4.0	26
77	H_∞ and H_2 control of multi-agent systems with transient performance improvement. International Journal of Control, 2013, 86, 2131-2145.	1.9	26
78	Stochastic Consensus Control Integrated With Performance Improvement: A Consensus Region-Based Approach. IEEE Transactions on Industrial Electronics, 2020, 67, 3000-3012.	7.9	26
79	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
80	Consensus of multi-agent systems with fixed inner connections. International Journal of Robust and Nonlinear Control, 2018, 28, 154-173.	3.7	24
81	Controllability of Kronecker product networks. Automatica, 2019, 110, 108597.	5.0	23
82	Distributed Fixed-Time Coordination Control for Networked Multiple Euler–Lagrange Systems. IEEE Transactions on Cybernetics, 2022, 52, 4611-4622.	9.5	23
83	Event-based distributed robust synchronization control for multiple Euler-Lagrange systems without relative velocity measurements. International Journal of Robust and Nonlinear Control, 2019, 29, 3684-3700.	3.7	22
84	Distributed and adaptive triggering control for networked agents with linear dynamics. Information Sciences, 2020, 517, 297-314.	6.9	22
85	Criteria for dichotomy and gradient-like behavior of a class of nonlinear systems with multiple equilibria. Automatica, 2007, 43, 1583-1589.	5.0	21
86	Cooperative Output Regulation of LTI Plant via Distributed Observers With Local Measurement. IEEE Transactions on Cybernetics, 2018, 48, 2181-2191.	9.5	21
87	Fully distributed consensus for general linear multi-agent systems with unknown external disturbances. IET Control Theory and Applications, 2019, 13, 2595-2609.	2.1	21
88	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
89	Static output-feedback controller synthesis with restricted frequency domain specifications for time-delay systems. IET Control Theory and Applications, 2015, 9, 1608-1614.	2.1	20
90	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

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91	MULTI-INPUT AND MULTI-OUTPUT NONLINEAR SYSTEMS: INTERCONNECTED CHUA'S CIRCUITS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2004, 14, 3065-3081.	1.7	19
92	The effects of redundant control inputs in optimal control. Science in China Series F: Information Sciences, 2009, 52, 1973-1981.	1.1	19
93	Consensus tracking of linear multi-agent systems under networked observability conditions. International Journal of Control, 2014, 87, 1478-1486.	1.9	18
94	A simple design method of reduced-order filters and its applications to multirate filter bank design. Signal Processing, 2006, 86, 1061-1075.	3.7	17
95	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
96	An Accelerated Algorithm for Linear Quadratic Optimal Consensus of Heterogeneous Multiagent Systems. IEEE Transactions on Automatic Control, 2022, 67, 421-428.	5.7	17
97	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
98	Synchronization of coupled Duffing-type oscillator dynamical networks. Neurocomputing, 2014, 136, 162-169.	5.9	16
99	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
100	An iterative approach to H_∞/H_- Fault Detection Observer Design for Discreteâ€Time Uncertain Systems. Asian Journal of Control, 2017, 19, 188-201.	3.0	16
101	Comments on â€œDistributed event-triggered control of multi-agent systems with combinational measurementsâ€. Automatica, 2018, 92, 264-265.	5.0	16
102	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
103	Distributed consensus of multi-agent systems with general linear node dynamics through intermittent communications. , 2012, , .		15
104	Leaderâ€following consensus of networked secondâ€order agents with delayed information transmission. IET Control Theory and Applications, 2014, 8, 1421-1428.	2.1	14
105	H_∞ mixed stabilization of nonlinear parameterâ€varying systems. International Journal of Robust and Nonlinear Control, 2018, 28, 5232-5246.	3.7	14
106	Multiplier design for extended strict positive realness and its applications. International Journal of Control, 2004, 77, 1493-1502.	1.9	13
107	Special decentralized control problems and effectiveness of parameter-dependent lyapunov function method. , 0, , .		13
108	Structured output-feedback controller synthesis with design specifications. International Journal of Systems Science, 2017, 48, 738-749.	5.5	13

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109	LQ bumpless transfer between two tracking controllers. International Journal of Control, 2012, 85, 1546-1556.	1.9	12
110	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
111	On the domain of attraction and local stabilization of nonlinear parameter‐varying systems. International Journal of Robust and Nonlinear Control, 2020, 30, 17-32.	3.7	11
112	Distributed event‐triggered tracking control with a dynamic leader for multiple Euler‐Lagrange systems under directed networks. International Journal of Robust and Nonlinear Control, 2020, 30, 3073-3093.	3.7	11
113	A new decentralised controller design method for a class of strongly interconnected systems. International Journal of Control, 2017, 90, 201-217.	1.9	10
114	Robust Dichotomy Analysis and Synthesis With Application to an Extended Chua's Circuit. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 2078-2086.	0.1	9
115	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
116	Distributed Kalman filtering for uncertain dynamic systems with state constraints. International Journal of Robust and Nonlinear Control, 2021, 31, 496-508.	3.7	9
117	Robust control of uncertain robotic systems: An adaptive friction compensation approach. Science China Technological Sciences, 2021, 64, 1228-1237.	4.0	9
118	Distributed maximum correntropy unscented Kalman filtering with state equality constraints. International Journal of Robust and Nonlinear Control, 2021, 31, 7053-7071.	3.7	9
119	Design of nonlinear interconnections guaranteeing the absence of periodic solutions. Systems and Control Letters, 2006, 55, 338-346.	2.3	8
120	Second-order consensus for nonlinear multi-agent systems with intermittent measurements. , 2011, , .		8
121	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
122	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
123	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
124	Fully distributed observer‐based protocols for bipartite consensus of directed nonlinear multi‐agent systems: A proportional‐integral‐gain perspective. International Journal of Robust and Nonlinear Control, 2022, 32, 9696-9709.	3.7	8
125	Distributed State Estimation for Continuous-Time Linear Systems With Correlated Measurement Noise. IEEE Transactions on Automatic Control, 2022, 67, 4614-4628.	5.7	8
126	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

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127	Consensus tracking of nonlinear multi-agent systems with switching directed topologies. , 2012, , .		7
128	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
129	Fully Distributed Filtering With a Stochastic Event-Triggered Mechanism. IEEE Transactions on Control of Network Systems, 2022, 9, 753-762.	3.7	7
130	Parameter-Dependent Lyapunov Function Method for a Class of Uncertain Nonlinear Systems with Multiple Equilibria. Circuits, Systems, and Signal Processing, 2007, 26, 147-164.	2.0	6
131	Adaptive containment control of coupled linear systems with parameter uncertainties. , 2013, , .		6
132	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
133	Non-concave network utility maximization in connectionless networks: A fully distributed traffic allocation algorithm. , 2017, , .		6
134	A Performance-Region-Based Approach to the H_{∞} Stochastic Consensus Problem. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1289-1293.	3.0	6
135	Distributed H_{∞} 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
136	Discernibility of Topological Variations for Networked LTI Systems. IEEE Transactions on Automatic Control, 2023, 68, 377-384.	5.7	6
137	Output‐feedback Q‐learning for discrete‐time linear H_{∞} tracking control: A Stackelberg game approach. International Journal of Robust and Nonlinear Control, 2022, 32, 6805-6828.	3.7	6
138	H_2 norm accumulation and its impact on synchronisation of complex dynamical networks. International Journal of Control, 2009, 82, 2356-2364.	1.9	5
139	Distributed quadratic stabilization of uncertain linear multi-agent systems. , 2012, , .		5
140	Actuator Fault Reconstruction for Systems with Monotone Nonlinearities. Asian Journal of Control, 2013, 15, 1091-1101.	3.0	5
141	Distributed adaptive consensus protocols for linear multi-agent systems with directed graphs in the presence of external disturbances. , 2014, , .		5
142	Distributed robust leaderless consensus of Lipschitz nonlinear multi-agent systems with matching uncertainties. , 2014, , .		5
143	On decoupled or coupled control of bank-to-turn missiles. Science China Information Sciences, 2015, 58, 1-13.	4.3	5
144	Distributed minimum weighted norm solution to linear equations associated with weighted inner product. , 2016, , .		5

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145	Distributed H<inf>â˜ž</inf> control of multi-agent systems over randomly switching topologies. , 2017, , .		5
146	Decentralised fixed modes of networked MIMO systems. International Journal of Control, 2018, 91, 859-873.	1.9	5
147	Bipartite consensus tracking for antagonistic topologies with leader's unknown input. Asian Journal of Control, 0, , .	3.0	5
148	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
149	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
150	Distributed containment control of uncertain linear multi-agent systems. , 2012, , .		4
151	Output chattering attenuation between two tracking controllers. International Journal of Control, Automation and Systems, 2012, 10, 651-658.	2.7	4
152	Structured controller synthesis with restricted frequency domain specifications. , 2015, , .		4
153	Distributed solution to linear equations from arbitrary initializations. , 2017, , .		4
154	Distributed adaptive consensus protocol design for heterogeneous multi-agent systems with switching communication topologies. , 2017, , .		4
155	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
156	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
157	A unified control method for consensus with various quantizers. Automatica, 2022, 136, 110090.	5.0	4
158	Two kinds of harmonic problems in control systems. Journal of Systems Science and Complexity, 2009, 22, 587-596.	2.8	3
159	Global consensus regions of multi-agent systems with nonlinear dynamics. , 2010, , .		3
160	An improved decentralized control method for Bankâ€‌toâ€‌Turn missile autopilot design. Asian Journal of Control, 2012, 14, 1317-1327.	3.0	3
161	Distributed finite-time containment control for multi-agent systems with multiple dynamic leaders. , 2013, , .		3
162	Controllability and observability of an n-link planar robot with multiple actuators. , 2016, , .		3

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163	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
164	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
165	A performance region‐based approach to the leader‐following consensus of nonlinear multiagent systems. International Journal of Robust and Nonlinear Control, 2021, 31, 2168-2185.	3.7	3
166	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
167	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
168	Analytical solution for a class of linear quadratic open-loop Nash game with multiple players. Journal of Control Theory and Applications, 2006, 4, 239-244.	0.8	2
169	Disturbance rejection and H_∞ pinning control of networked multi-agent systems. , 2008, , .		2
170	Distributed tracking control of multi-agent systems with heterogeneous uncertainties. , 2013, , .		2
171	Consensus tracking of linear multi‐agent systems under a networked detectability condition with reduced‐order protocols. IET Control Theory and Applications, 2014, 8, 2238-2244.	2.1	2
172	Distributed consensus of second-order multi-agent systems with uniquely sampled position data. , 2015, , .		2
173	Controllability and observability of an n-link planar robot with active joints. , 2016, , .		2
174	Distributed consensus using sampled position data for second-order multi-agent systems with communication delay. , 2016, , .		2
175	Distributed adaptive consensus protocols for linear multi-agent systems: An integrated design approach. , 2016, , .		2
176	Distributed attitude synchronization control for multiple flexible spacecraft using adaptive sliding mode. , 2017, , .		2
177	Necessary and sufficient conditions for the controllability of chain-shape networks. , 2017, , .		2
178	Distributed Consensus Seeking With Different Convergence Performance Requirements: A Unified Control Framework. IEEE Transactions on Cybernetics, 2023, 53, 5483-5496.	9.5	2
179	Robust dichotomy for nonlinear uncertain systems. , 2006, , .		1
180	Robust vibration control of uncertain flexible structures based on model reduction. , 2014, , .		1

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181	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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