

Wei Ren

List of Publications by Year in descending order

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293
papers

40,521
citations

5896

81
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3915

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297
times ranked

8484
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of Distributed Event-Triggered Average Tracking Algorithms for Homogeneous and Heterogeneous Multiagent Systems. IEEE Transactions on Automatic Control, 2022, 67, 1269-1284.	5.7	50
2	Distributed Nonlinear Placement for Multicluseter Systems: A Time-Varying Nash Equilibrium-Seeking Approach. IEEE Transactions on Cybernetics, 2022, 52, 11614-11623.	9.5	8
3	Distributed Time-Varying Optimization With State-Dependent Gains: Algorithms and Experiments. IEEE Transactions on Control Systems Technology, 2022, 30, 416-425.	5.2	14
4	A Scaling-Function Approach for Distributed Constrained Optimization in Unbalanced Multiagent Networks. IEEE Transactions on Automatic Control, 2022, 67, 6112-6118.	5.7	1
5	Distributed Time-Varying Quadratic Optimal Resource Allocation Subject to Nonidentical Time-Varying Hessians With Application to Multiquadrotor Hose Transportation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6109-6119.	9.3	11
6	Distributed and communication-efficient solutions to linear equations with special sparse structure. Systems and Control Letters, 2022, 160, 105065.	2.3	1
7	Analysis and control of complex cyber-physical networks. Asian Journal of Control, 2022, 24, 495-497.	3.0	1
8	Differentially Private Consensus With Quantized Communication. IEEE Transactions on Cybernetics, 2021, 51, 4075-4088.	9.5	16
9	Containment Problem for Multiagent Systems With Nonconvex Velocity Constraints. IEEE Transactions on Cybernetics, 2021, 51, 4716-4721.	9.5	10
10	Distributed Resource Allocation Over Directed Graphs via Continuous-Time Algorithms. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1097-1106.	9.3	73
11	Distributed Adaptive Finite-Time Consensus for Second-Order Multiagent Systems With Mismatched Disturbances Under Directed Networks. IEEE Transactions on Cybernetics, 2021, 51, 1347-1358.	9.5	52
12	Distributed economic dispatch via a predictive scheme: Heterogeneous delays and privacy preservation. Automatica, 2021, 123, 109356.	5.0	26
13	Fully Distributed Joint Localization and Target Tracking With Mobile Robot Networks. IEEE Transactions on Control Systems Technology, 2021, 29, 1519-1532.	5.2	21
14	Observer-Based Distributed Mean-Square Consensus Design for Leader-Following Multiagent Markov Jump Systems. IEEE Transactions on Cybernetics, 2021, 51, 3054-3061.	9.5	10
15	Adaptive Image-Space Regulation for Robotic Systems. IEEE Transactions on Control Systems Technology, 2021, 29, 850-857.	5.2	5
16	Finite-Horizon H_{∞} Fault-Tolerant Constrained Consensus for Multiagent Systems With Communication Delays. IEEE Transactions on Cybernetics, 2021, 51, 416-426.	9.5	26
17	Cooperative Adaptive Containment Control With Parameter Convergence via Cooperative Finite-Time Excitation. IEEE Transactions on Automatic Control, 2021, 66, 5612-5618.	5.7	17
18	A Unified Framework for Adaptive Leaderless Consensus of Uncertain Multiagent Systems Under Directed Graphs. IEEE Transactions on Automatic Control, 2021, 66, 6179-6186.	5.7	55

#	ARTICLE	IF	CITATIONS
19	Averaging Algorithms and Consensus. , 2021, , 120-128.		0
20	Angle-Based Analysis Approach for Distributed Constrained Optimization. IEEE Transactions on Automatic Control, 2021, 66, 5569-5576.	5.7	12
21	Continuous-time distributed Nash equilibrium seeking algorithms for non-cooperative constrained games. Automatica, 2021, 127, 109535.	5.0	17
22	Robust Distributed Average Tracking for Double-Integrator Agents Without Velocity Measurements Under Event-Triggered Communication. IEEE Transactions on Control of Network Systems, 2021, 8, 828-837.	3.7	9
23	Generalized Nash Equilibrium Seeking via Continuous-Time Coordination Dynamics Over Digraphs. IEEE Transactions on Control of Network Systems, 2021, 8, 1023-1033.	3.7	10
24	Distributed Average Tracking in Weight-Unbalanced Directed Networks. IEEE Transactions on Automatic Control, 2021, 66, 4436-4443.	5.7	18
25	Fully distributed consensus control for a class of disturbed second-order multi-agent systems with directed networks. Automatica, 2021, 132, 109816.	5.0	41
26	Cooperative Startup Control for Heterogeneous Vehicle Platoons: A Finite-Time Output Tracking-Based Approach. IEEE Transactions on Control of Network Systems, 2021, 8, 1767-1777.	3.7	20
27	Multi-Agent Control: A Graph-Theoretic Perspective. Journal of Systems Science and Complexity, 2021, 34, 1973-2002.	2.8	10
28	\mathcal{H}_∞ Output Consensus for Markov Jump Multiagent Systems With Uncertainties. IEEE Transactions on Cybernetics, 2020, 50, 2264-2273.	9.5	46
29	Edge-Based Finite-Time Protocol Analysis With Final Consensus Value and Settling Time Estimations. IEEE Transactions on Cybernetics, 2020, 50, 1450-1459.	9.5	44
30	Distributed Time-Varying Convex Optimization for a Class of Nonlinear Multiagent Systems. IEEE Transactions on Automatic Control, 2020, 65, 801-808.	5.7	52
31	Finite-Time Consensus for Linear Multiagent Systems via Event-Triggered Strategy Without Continuous Communication. IEEE Transactions on Control of Network Systems, 2020, 7, 19-29.	3.7	86
32	Dynamic Modularity Approach to Adaptive Control of Robotic Systems With Closed Architecture. IEEE Transactions on Automatic Control, 2020, 65, 2760-2767.	5.7	27
33	Cooperation of Multiple Connected Vehicles at Unsignalized Intersections: Distributed Observation, Optimization, and Control. IEEE Transactions on Industrial Electronics, 2020, 67, 10744-10754.	7.9	79
34	Sign projected gradient flow: A continuous-time approach to convex optimization with linear equality constraints. Automatica, 2020, 120, 109156.	5.0	23
35	Distributed Continuous-Time Algorithms for Optimal Resource Allocation With Time-Varying Quadratic Cost Functions. IEEE Transactions on Control of Network Systems, 2020, 7, 1974-1984.	3.7	13
36	Distributed Average Tracking in Multi-agent Systems. , 2020, , .		11

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37	Practical output synchronization for asynchronously switched multi-agent systems with adaption to fast-switching perturbations. <i>Automatica</i> , 2020, 116, 108917.	5.0	38
38	Sampled-data containment control for double-integrator agents with dynamic leaders with nonzero inputs. <i>Systems and Control Letters</i> , 2020, 139, 104673.	2.3	11
39	Distributed Average Tracking for General Linear Dynamics. , 2020, , 125-134.		0
40	Distributed Average Tracking for Networked Euler-Lagrange Systems. , 2020, , 135-156.		0
41	Distributed Average Tracking in Distributed Convex Optimization. , 2020, , 193-231.		0
42	Distributed Average Tracking via an Extended PI Scheme. , 2020, , 61-75.		0
43	Distributed Average Tracking in Formation Control. , 2020, , 179-191.		0
44	Robust Event-triggered Distributed Average Tracking for Double-integrator Agents Without Velocity Measurements. , 2020, , .		1
45	Distributed Continuous-Time Optimization with Time-Varying Objective Functions and Inequality Constraints. , 2020, , .		8
46	Distributed Average Tracking via Nonsmooth Feedback. , 2020, , 39-60.		0
47	Distributed Average Tracking with Input Saturation. , 2020, , 157-175.		0
48	Distributed Average Tracking of Physical Second-Order Agents With Heterogeneous Unknown Nonlinear Dynamics Without Constraint on Input Signals. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 1178-1184.	5.7	46
49	Continuous-Time Distributed Subgradient Algorithm for Convex Optimization With General Constraints. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 1694-1701.	5.7	73
50	Unscented-Transformation-Based Distributed Nonlinear State Estimation: Algorithm, Analysis, and Experiments. <i>IEEE Transactions on Control Systems Technology</i> , 2019, 27, 2016-2029.	5.2	23
51	On the Control of Multi-Agent Systems: A Survey. <i>Foundations and Trends in Systems and Control</i> , 2019, 6, 339-499.	7.5	91
52	Distributed containment control for first-order and second-order multiagent systems with arbitrarily bounded delays. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 6657-6657.	3.7	0
53	Advances in Network Controllability. <i>IEEE Circuits and Systems Magazine</i> , 2019, 19, 8-32.	2.3	86
54	Distributed Continuous-Time and Discrete-Time Optimization With Nonuniform Unbounded Convex Constraint Sets and Nonuniform Stepsizes. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 5148-5155.	5.7	56

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55	Distributed Energy Resource Coordination Over Time-Varying Directed Communication Networks. IEEE Transactions on Control of Network Systems, 2019, 6, 1124-1134.	3.7	53
56	Solving a system of linear equations: From centralized to distributed algorithms. Annual Reviews in Control, 2019, 47, 306-322.	7.9	49
57	Reducing time headway for platooning of connected vehicles via V2V communication. Transportation Research Part C: Emerging Technologies, 2019, 102, 87-105.	7.6	163
58	Distributed Nash Equilibrium Seeking Algorithms for Two-Layer Constrained Non-Cooperative Games. , 2019, , .		2
59	Multi-robot Joint Localization and Target Tracking with Local Sensing and Communication. , 2019, , .		9
60	Distributed Average Tracking over Weight-Unbalanced Directed Graphs. , 2019, , .		5
61	Some Necessary and Sufficient Conditions for Synchronization of Second-Order Interconnected Networks. IEEE Transactions on Cybernetics, 2019, 49, 4379-4387.	9.5	16
62	Containment Control for Discrete-Time Multiagent Systems With Communication Delays and Switching Topologies. IEEE Transactions on Cybernetics, 2019, 49, 3827-3830.	9.5	42
63	Continuous-Time Coordination Algorithm for Distributed Convex Optimization Over Weight-Unbalanced Directed Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1202-1206.	3.0	67
64	Distributed Containment Control of Continuous-Time Multiagent Systems With Nonconvex Control Input Constraints. IEEE Transactions on Industrial Electronics, 2019, 66, 7927-7934.	7.9	42
65	Distributed containment control for first-order and second-order multiagent systems with arbitrarily bounded delays. International Journal of Robust and Nonlinear Control, 2019, 29, 1122-1131.	3.7	20
66	Distributed Optimization With Nonconvex Velocity Constraints, Nonuniform Position Constraints, and Nonuniform Stepsizes. IEEE Transactions on Automatic Control, 2019, 64, 2575-2582.	5.7	81
67	Designing Distributed Specified-Time Consensus Protocols for Linear Multiagent Systems Over Directed Graphs. IEEE Transactions on Automatic Control, 2019, 64, 2945-2952.	5.7	160
68	Differentially Private Consensus With an Event-Triggered Mechanism. IEEE Transactions on Control of Network Systems, 2019, 6, 60-71.	3.7	45
69	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
70	Multiagent Rendezvous With Shortest Distance to Convex Regions With Empty Intersection: Algorithms and Experiments. IEEE Transactions on Cybernetics, 2019, 49, 1026-1034.	9.5	22
71	Forwardstepping: A New Approach for Control of Dynamical Systems. , 2019, , .		4
72	Passive Separation Approach to Adaptive Visual Tracking for Robotic Systems. IEEE Transactions on Control Systems Technology, 2018, 26, 2232-2241.	5.2	26

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73	Distributed Coverage Control of Mobile Sensor Networks in Unknown Environment Using Game Theory: Algorithms and Experiments. IEEE Transactions on Mobile Computing, 2018, 17, 1303-1313.	5.8	31
74	Appointed-time consensus: Accurate and practical designs. Automatica, 2018, 89, 425-429.	5.0	123
75	Distributed Coordination of Multiple Unknown Euler-Lagrange Systems. IEEE Transactions on Control of Network Systems, 2018, 5, 55-66.	3.7	69
76	Distributed Average Tracking in Multi-Agent Coordination: Extensions and Experiments. IEEE Systems Journal, 2018, 12, 2428-2436.	4.6	21
77	Distributed Kalman-Bucy Filter With Embedded Dynamic Averaging Algorithm. IEEE Systems Journal, 2018, 12, 1722-1730.	4.6	36
78	Observer-Based Consensus for Multiagent Systems Under Stochastic Sampling Mechanism. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2328-2338.	9.3	33
79	A Connection Between Dynamic Region-Following Formation Control and Distributed Average Tracking. IEEE Transactions on Cybernetics, 2018, 48, 1760-1772.	9.5	60
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	On the Convergence Conditions of Distributed Dynamic State Estimation Using Sensor Networks: A Unified Framework. IEEE Transactions on Control Systems Technology, 2018, 26, 1300-1316.	5.2	83
82	Robustness Analysis of Asynchronous Sampled-Data Multiagent Networks With Time-Varying Delays. IEEE Transactions on Automatic Control, 2018, 63, 2145-2152.	5.7	89
83	Synchronization of Coupled Dynamical Systems: Tolerance to Weak Connectivity and Arbitrarily Bounded Time-Varying Delays. IEEE Transactions on Automatic Control, 2018, 63, 1791-1797.	5.7	37
84	Distributed Subgradient-Based Multiagent Optimization With More General Step Sizes. IEEE Transactions on Automatic Control, 2018, 63, 2295-2302.	5.7	29
85	Fully Distributed Dynamic State Estimation With Uncertain Process Models. IEEE Transactions on Control of Network Systems, 2018, 5, 1841-1851.	3.7	19
86	Distributed Consensus of Second-Order Multiagent Systems With Nonconvex Velocity and Control Input Constraints. IEEE Transactions on Automatic Control, 2018, 63, 1171-1176.	5.7	101
87	Platooning of Connected Vehicles With Undirected Topologies: Robustness Analysis and Distributed H-infinity Controller Synthesis. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 1353-1364.	8.0	143
88	Convex Optimization via Finite-Time Projected Gradient Flows. , 2018, , .		4
89	Communication-efficient Distributed Solutions to a System of Linear Equations with Laplacian Sparse Structure. , 2018, , .		5
90	Distributed rotating consensus of second-order multi-agent systems with nonuniform delays. Systems and Control Letters, 2018, 117, 18-22.	2.3	23

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91	Distributed average tracking for double-integrator multi-agent systems with reduced requirement on velocity measurements. <i>Automatica</i> , 2017, 81, 1-7.	5.0	52
92	Distributed Velocity-Constrained Consensus of Discrete-Time Multi-Agent Systems With Nonconvex Constraints, Switching Topologies, and Delays. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 5788-5794.	5.7	139
93	Multi-leader multi-follower coordination with cohesion, dispersion, and containment control via proximity graphs. <i>Science China Information Sciences</i> , 2017, 60, 1.	4.3	22
94	Distributed solution to linear equations from arbitrary initializations. , 2017, , .		4
95	Heterogeneous distributed average tracking using nonsmooth algorithms. , 2017, , .		10
96	Fully distributed nonlinear state estimation using sensor networks. , 2017, , .		2
97	Distributed Adaptive Finite-Time Approach for Formation-Containment Control of Networked Nonlinear Systems Under Directed Topology. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017, 29, 1-12.	11.3	37
98	Necessary and Sufficient Conditions for Consensus of Second-Order Multiagent Systems Under Directed Topologies Without Global Gain Dependency. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 2089-2098.	9.5	78
99	Distributed Continuous-Time Convex Optimization With Time-Varying Cost Functions. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 1590-1605.	5.7	197
100	Distributed Continuous-Time Optimization: Nonuniform Gradient Gains, Finite-Time Convergence, and Convex Constraint Set. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 2239-2253.	5.7	262
101	Evaluation of frequency regulation provision by commercial building HVAC systems. , 2017, , .		1
102	Cooperative optimal coordination for distributed energy resources. , 2017, , .		9
103	A fixed time distributed optimization: A sliding mode perspective. , 2017, , .		16
104	Distributed $\sum_{i=1}^n \frac{1}{\alpha_i} \ \mathbf{H} \hat{\mathbf{x}}_i\ $ constrained consensus problem. <i>Systems and Control Letters</i> , 2017, 104, 45-48.	2.3	43
105	Distributed minimum weighted norm solution to linear equations associated with weighted inner product. , 2016, , .		5
106	Controllability and observability of an n-link planar robot with active joints. , 2016, , .		2
107	Distributed average tracking for second-order agents with nonlinear dynamics. , 2016, , .		15
108	Fully distributed state estimation with multiple model approach. , 2016, , .		7

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109	On the convergence of distributed estimation of LTV dynamic system with switching directed topologies and time-varying sensing models. , 2016, , .		8
110	Dynamic modularity approach to adaptive inner/outer loop control of robotic systems. , 2016, , .		4
111	Stabilization of multi-agent systems and complex networks - a unified model using distributed control. , 2016, , .		0
112	Synchronization of Coupled Nonlinear Dynamical Systems: Interplay Between Times of Connectivity and Integral of Lipschitz Gain. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 391-395.	3.0	5
113	Distributed multi-agent optimization subject to nonidentical constraints and communication delays. Automatica, 2016, 65, 120-131.	5.0	182
114	Event-triggered zero-gradient-sum distributed consensus optimization over directed networks. Automatica, 2016, 65, 90-97.	5.0	168
115	Decentralized event-triggered consensus for linear multi-agent systems under general directed graphs. Automatica, 2016, 69, 242-249.	5.0	383
116	Containment Control of Multiagent Systems With Dynamic Leaders Based on a \mathcal{PI}^n -Type Approach. IEEE Transactions on Cybernetics, 2016, 46, 3004-3017.	9.5	131
117	Cooperative control of linear multi-agent systems via distributed output regulation and transient synchronization. Automatica, 2016, 68, 132-139.	5.0	98
118	Fully distributed flocking with a moving leader for Lagrange networks with parametric uncertainties. Automatica, 2016, 67, 67-76.	5.0	154
119	On Convergence Rate of Leader-Following Consensus of Linear Multi-Agent Systems With Communication Noises. IEEE Transactions on Automatic Control, 2016, 61, 3586-3592.	5.7	115
120	Finite-Time Connectivity-Preserving Consensus of Networked Nonlinear Agents With Unknown Lipschitz Terms. IEEE Transactions on Automatic Control, 2016, 61, 1700-1705.	5.7	73
121	Distributed Consensus of Second-Order Multi-Agent Systems With Heterogeneous Unknown Inertias and Control Gains Under a Directed Graph. IEEE Transactions on Automatic Control, 2016, 61, 2019-2034.	5.7	315
122	Properties of Composite Laplacian Quadratics and Their Applications in Consensus of Linear Differential Inclusions. IEEE Transactions on Automatic Control, 2016, 61, 2269-2275.	5.7	12
123	Distributed average tracking for double-integrator agents without using velocity measurements. , 2015, , .		11
124	Distributed convex optimization of time-varying cost functions for double-integrator systems using nonsmooth algorithms. , 2015, , .		15
125	Distributed convex optimization of time-varying cost functions with swarm tracking behavior for continuous-time dynamics. , 2015, , .		10
126	On the consistency and confidence of distributed dynamic state estimation in wireless sensor networks. , 2015, , .		20

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127	Distributed parameter estimation under unreliable directed networks. , 2015, , .		4
128	Consensus of linear differential inclusions via composite Laplacian quadratics. , 2015, , .		4
129	Distributed Average Tracking for Reference Signals With Bounded Accelerations. IEEE Transactions on Automatic Control, 2015, 60, 863-869.	5.7	81
130	Leaderâ€‘follower consensus of linear multi-agent systems with unknown external disturbances. Systems and Control Letters, 2015, 82, 64-70.	2.3	157
131	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
132	Distributed Containment Control for Multiple Unknown Second-Order Nonlinear Systems With Application to Networked Lagrangian Systems. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1885-1899.	11.3	135
133	Seeking Consensus in Networks of Linear Agents: Communication Noises and Markovian Switching Topologies. IEEE Transactions on Automatic Control, 2015, 60, 1374-1379.	5.7	129
134	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
135	Distributed Average Tracking of Networked Euler-Lagrange Systems. IEEE Transactions on Automatic Control, 2015, 60, 547-552.	5.7	99
136	Game theory control solution for sensor coverage problem in unknown environment. , 2014, , .		8
137	Consensus of linear multi-agent systems with fully distributed control gains under a general directed graph. , 2014, , .		18
138	Decentralized consensus for linear multi-agent systems under general directed graphs based on event-triggered/self-triggered strategy. , 2014, , .		23
139	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
140	Adaptive Consensus of Multi-Agent Systems With Unknown Identical Control Directions Based on A Novel Nussbaum-Type Function. IEEE Transactions on Automatic Control, 2014, 59, 1887-1892.	5.7	307
141	Finite-time consensus for multi-agent networks with unknown inherent nonlinear dynamics. Automatica, 2014, 50, 2648-2656.	5.0	165
142	Flocking with a moving leader for multiple uncertain lagrange systems. , 2014, , .		9
143	Distributed optimization with the consideration of adaptivity and finite-time convergence. , 2014, , .		22
144	An extended proportional-integral control algorithm for distributed average tracking and its applications in Euler-Lagrange systems. , 2014, , .		8

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145	Consensus of second-order heterogeneous multi-agent systems under a directed graph. , 2014, , .		36
146	Constrained Consensus in Unbalanced Networks With Communication Delays. IEEE Transactions on Automatic Control, 2014, 59, 775-781.	5.7	157
147	Fully distributed adaptive sliding-mode controller design for containment control of multiple Lagrangian systems. Systems and Control Letters, 2014, 72, 44-52.	2.3	52
148	Distributed containment control of multi-agent systems with general linear dynamics in the presence of multiple leaders. International Journal of Robust and Nonlinear Control, 2013, 23, 534-547.	3.7	450
149	Robust cooperative tracking for multiple non-identical second-order nonlinear systems. Automatica, 2013, 49, 2363-2372.	5.0	143
150	Distributed adaptive coordination for multiple Lagrangian systems under a directed graph without using neighbors' velocity information. Automatica, 2013, 49, 1723-1731.	5.0	166
151	Consensus for multi-agent systems with inherent nonlinear dynamics under directed topologies. Systems and Control Letters, 2013, 62, 152-162.	2.3	148
152	Consensus of Multi-Agent Systems With General Linear and Lipschitz Nonlinear Dynamics Using Distributed Adaptive Protocols. IEEE Transactions on Automatic Control, 2013, 58, 1786-1791.	5.7	695
153	An Overview of Recent Progress in the Study of Distributed Multi-Agent Coordination. IEEE Transactions on Industrial Informatics, 2013, 9, 427-438.	11.3	1,814
154	Distributed Tracking Control for Linear Multiagent Systems With a Leader of Bounded Unknown Input. IEEE Transactions on Automatic Control, 2013, 58, 518-523.	5.7	452
155	Distributed coordination for second-order multi-agent systems with nonlinear dynamics using only relative position measurements. Automatica, 2013, 49, 1419-1427.	5.0	188
156	Delay-Induced Consensus and Quasi-Consensus in Multi-Agent Dynamical Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2013, 60, 2679-2687.	5.4	115
157	Distributed control gains design for consensus in multi-agent systems with second-order nonlinear dynamics. Automatica, 2013, 49, 2107-2115.	5.0	353
158	Distributed consensus of linear multi-agent systems with adaptive dynamic protocols. Automatica, 2013, 49, 1986-1995.	5.0	531
159	Tracking the average of time-varying nonsmooth signals for double-integrator agents with a fixed topology. , 2013, , .		6
160	Containment control for networked unknown Lagrangian systems with multiple dynamic leaders under a directed graph. , 2013, , .		3
161	Distributed velocity-constrained consensus of second-order multi-agent systems with switching topologies and delays. , 2013, , .		0
162	Finite-time consensus of networked Lipschitz nonlinear agents under communication constraints. , 2013, , .		4

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163	Distributed shortest distance consensus problem in multi-agent systems. , 2012, , .		7
164	Distributed subgradient projection algorithm for multi-agent optimization with nonidentical constraints and switching topologies. , 2012, , .		16
165	Finite-time consensus for single-integrator kinematics with unknown inherent nonlinear dynamics under a directed interaction graph. , 2012, , .		3
166	Distributed Average Tracking of Multiple Time-Varying Reference Signals With Bounded Derivatives. IEEE Transactions on Automatic Control, 2012, 57, 3169-3174.	5.7	211
167	Distributed Coordinated Tracking With Reduced Interaction via a Variable Structure Approach. IEEE Transactions on Automatic Control, 2012, 57, 33-48.	5.7	457
168	Consensus control of linear multi-agent systems with distributed adaptive protocols. , 2012, , .		0
169	Distributed Containment Control with Multiple Dynamic Leaders for Double-Integrator Dynamics Using Only Position Measurements. IEEE Transactions on Automatic Control, 2012, 57, 1553-1559.	5.7	267
170	Distributed constrained consensus in the presence of unbalanced switching graphs and communication delays. , 2012, , .		10
171	Cooperative control of nonlinear multi-agent systems with only relative position measurements. , 2012, , .		1
172	Distributed containment control with multiple stationary or dynamic leaders in fixed and switching directed networks. Automatica, 2012, 48, 1586-1597.	5.0	494
173	On the design and development of attitude stabilization, vision-based navigation, and aerial gripping for a low-cost quadrotor. Autonomous Robots, 2012, 33, 41-68.	4.8	53
174	Distributed containment control for Lagrangian networks with parametric uncertainties under a directed graph. Automatica, 2012, 48, 653-659.	5.0	508
175	Leader-follower swarm tracking for networked Lagrange systems. Systems and Control Letters, 2012, 61, 117-126.	2.3	106
176	Distributed discrete-time coordinated tracking with Markovian switching topologies. Systems and Control Letters, 2012, 61, 766-772.	2.3	53
177	Distributed Containment Control for Multiple Autonomous Vehicles With Double-Integrator Dynamics: Algorithms and Experiments. IEEE Transactions on Control Systems Technology, 2011, 19, 929-938.	5.2	456
178	Finite-time consensus of multi-agent networks with inherent nonlinear dynamics under an undirected interaction graph. , 2011, , .		5
179	Distributed Coordination of Multi-agent Networks. Communications and Control Engineering, 2011, , .	1.6	630
180	Distributed Coordinated Tracking With a Dynamic Leader for Multiple Euler-Lagrange Systems. IEEE Transactions on Automatic Control, 2011, 56, 1415-1421.	5.7	402

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181	Distributed Higher Order Consensus Protocols in Multiagent Dynamical Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 1924-1932.	5.4	258
182	Leaderless and Leader-Following Consensus With Communication and Input Delays Under a Directed Network Topology. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 75-88.	5.0	384
183	Second-order consensus in multi-agent dynamical systems with sampled position data. Automatica, 2011, 47, 1496-1503.	5.0	472
184	Collective rotating motions of second-order multi-agent systems in three-dimensional space. Systems and Control Letters, 2011, 60, 365-372.	2.3	70
185	Consensus of linear multi-agent systems with reduced-order observer-based protocols. Systems and Control Letters, 2011, 60, 510-516.	2.3	220
186	Containment control for multiple euler-lagrange systems with parametric uncertainties in directed networks. , 2011, , .		6
187	Distributed multi-agent coordination: A comparison lemma based approach. , 2011, , .		5
188	Distributed discrete-time coordinated tracking for networked single-integrator agents under a Markovian switching topology. , 2011, , .		1
189	Finite-time consensus for second-order multi-agent networks with inherent nonlinear dynamics under an undirected fixed graph. , 2011, , .		22
190	Distributed coordinated tracking with multiple dynamic leaders for double-integrator agents using only position measurements. , 2011, , .		2
191	Distributed containment control of linear multi-agent systems with multiple leaders and reduced-order controllers. , 2011, , .		9
192	Autonomous indoor aerial gripping using a quadrotor. , 2011, , .		42
193	Autonomous indoor aerial gripping using a quadrotor. , 2011, , .		60
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