

# Xi-Wang Dong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4683191/publications.pdf>

Version: 2024-02-01

219  
papers

6,625  
citations

66234

42  
h-index

66788

78  
g-index

221  
all docs

221  
docs citations

221  
times ranked

2571  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Fault-Tolerant Formation Tracking Control for Multiagent Systems With Multiple Leaders and Constrained Actuators. IEEE Transactions on Cybernetics, 2023, 53, 3738-3747.	6.2	14
2	Practical Output Containment of Heterogeneous Nonlinear Multiagent Systems Under External Disturbances. IEEE Transactions on Cybernetics, 2023, 53, 5191-5201.	6.2	12
3	Event-Triggered Cooperative Tracking for Lipschitz-Type Multi-Agent Systems: An ARE-Based Approach. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 119-123.	2.2	4
4	Time-Varying Group Formation-Containment Tracking Control for General Linear Multiagent Systems With Unknown Inputs. IEEE Transactions on Cybernetics, 2022, 52, 11055-11067.	6.2	22
5	Cooperative differential games guidance laws for multiple attackers against an active defense target. Chinese Journal of Aeronautics, 2022, 35, 374-389.	2.8	10
6	Sensor network based distributed state estimation for maneuvering target with guaranteed performances. Neurocomputing, 2022, 486, 250-260.	3.5	5
7	Task coupling based layered cooperative guidance: Theories and applications. Control Engineering Practice, 2022, 121, 105050.	3.2	8
8	Time-varying group formation-tracking control for general linear multi-agent systems with switching topologies and unknown input. International Journal of Robust and Nonlinear Control, 2022, 32, 1925-1940.	2.1	10
9	Penetration trajectory optimization for the hypersonic gliding vehicle encountering two interceptors. Aerospace Science and Technology, 2022, 121, 107363.	2.5	18
10	Distributed Time-Varying Group Formation Tracking for Multiagent Systems With Switching Interaction Topologies via Adaptive Control Protocols. IEEE Transactions on Industrial Informatics, 2022, 18, 8422-8433.	7.2	8
11	Distributed Nash Equilibrium Seeking of $N$ -Coalition Noncooperative Games With Application to UAV Swarms. IEEE Transactions on Network Science and Engineering, 2022, 9, 2392-2405.	4.1	11
12	Adaptive Practical Optimal Time-Varying Formation Tracking Control for Disturbed High-Order Multi-Agent Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2567-2578.	3.5	56
13	Integrated active fault-tolerant formation control for networked multi-agent systems. IET Control Theory and Applications, 2022, 16, 718-728.	1.2	4
14	Time-Varying Formation Tracking Control for Unmanned Aerial Vehicles: Theories and Applications. IFAC-PapersOnLine, 2022, 55, 49-54.	0.5	5
15	Robust time-varying output formation tracking for heterogeneous multi-agent systems with adaptive event-triggered mechanism. Journal of the Franklin Institute, 2022, 359, 5842-5864.	1.9	8
16	Distributed Secure Platoon Control of Connected Vehicles Subject to DoS Attack: Theory and Application. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7269-7278.	5.9	87
17	Distributed finite time cubature information filtering with unknown correlated measurement noises. ISA Transactions, 2021, 112, 35-55.	3.1	9
18	Fully Adaptive Practical Time-Varying Output Formation Tracking for High-Order Nonlinear Stochastic Multiagent System With Multiple Leaders. IEEE Transactions on Cybernetics, 2021, 51, 2265-2277.	6.2	53

#	ARTICLE	IF	CITATIONS
19	Distributed time-varying formation control with uncertainties based on an event-triggered mechanism. <i>Science China Information Sciences</i> , 2021, 64, 1.	2.7	7
20	Time-varying group formation-tracking control for general linear multi-agent systems with switching topologies and time-varying delays. , 2021, , .		0
21	Distributed sliding mode control for time-varying formation tracking of multi-UAV system with a dynamic leader. <i>Aerospace Science and Technology</i> , 2021, 111, 106549.	2.5	65
22	Robust multi-agent differential games with application to cooperative guidance. <i>Aerospace Science and Technology</i> , 2021, 111, 106568.	2.5	23
23	Predefined formation containment control of high-order multi-agent systems under communication delays and switching topologies. <i>IET Control Theory and Applications</i> , 2021, 15, 1661-1672.	1.2	12
24	Three-dimensional cooperative guidance strategy and guidance law for intercepting highly maneuvering target. <i>Chinese Journal of Aeronautics</i> , 2021, 34, 485-495.	2.8	20
25	Predefined Finite-Time Output Containment of Nonlinear Multi-Agent Systems With Leaders of Unknown Inputs. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021, 68, 3436-3448.	3.5	20
26	Bio-inspired adaptive formation tracking control for swarm systems with application to UAV swarm systems. <i>Neurocomputing</i> , 2021, 453, 272-285.	3.5	30
27	Distributed adaptive cooperative time-varying formation tracking guidance for multiple aerial vehicles system. <i>Aerospace Science and Technology</i> , 2021, 117, 106925.	2.5	21
28	Co-Design of Fault Detection and Consensus Control Protocol for Multi-Agent Systems Under Hidden DoS Attack. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021, 68, 2158-2170.	3.5	48
29	Finite-time adaptive cooperative guidance for multiple missiles. , 2021, , .		1
30	Battlefield Situation Deduction and Maneuver Decision Using Deep Q-Learning. , 2021, , .		0
31	Weapon target assignment strategy for multi-missile cooperative guidance with auction algorithm. , 2021, , .		2
32	Penetration Trajectory Optimization of Hypersonic Gliding Vehicles with Multiple Constraints. , 2021, , .		1
33	Distributed Nash equilibrium seeking for non-cooperative convex games with local constraints. , 2021, , .		0
34	Multi-sensor Measurement Information Fusion for Maneuvering Target Recognition and Tracking. , 2021, , .		0
35	Cooperative guidance strategy with a leader-follower structure. , 2021, , .		0
36	Time-varying group formation-tracking control for heterogeneous multi-agent systems with switching topologies and time-varying delays. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
37	Cooperative interception against highly maneuvering target with acceleration constraints for multiple heterogeneous missiles. , 2021, , .		0
38	Data-Based Output Formation Tracking Control for Heterogeneous Multi-Agent Systems. , 2021, , .		1
39	Observer based Control for Load Transportation System Using Multiple Quadrotors. , 2021, , .		2
40	Distributed Formation Flight for Fixed-Wing UAVs Based on Cooperative Moving Path Following under Wind Disturbances. , 2021, , .		1
41	Time-varying output formation-tracking of heterogeneous multi-agent systems with time-varying delays and switching topologies. Measurement and Control, 2021, 54, 1371-1382.	0.9	0
42	Adaptive fault-tolerant time-varying formation tracking for multi-agent systems under actuator failure and input saturation. ISA Transactions, 2020, 104, 145-153.	3.1	51
43	Robust $H_{\infty}$ Guaranteed Cost Time-Varying Formation Tracking for High-Order Multiagent Systems With Time-Varying Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1465-1475.	5.9	55
44	Practical time-varying output formation tracking for high-order nonlinear strict-feedback multi-agent systems with input saturation. ISA Transactions, 2020, 98, 63-74.	3.1	24
45	Predefined containment control for general linear multiagent systems with time-varying delays and switching topologies. Advanced Control for Applications, 2020, 2, e26.	0.8	1
46	Finite-time time-varying group formation tracking for second-order multiagent systems by continuous integral sliding mode. , 2020, , .		2
47	Time-varying group formation tracking control for second-order multi-agent systems with communication delays and multiple leaders. Journal of the Franklin Institute, 2020, 357, 9761-9780.	1.9	27
48	Finite-time formation-containment tracking for second-order multi-agent systems with a virtual leader of fully unknown input. Neurocomputing, 2020, 415, 234-246.	3.5	39
49	Time-varying formation of second-order discrete-time multi-agent systems under nonuniform communication delays and switching topology with application to UAV formation flying. IET Control Theory and Applications, 2020, 14, 1947-1956.	1.2	27
50	Finite-time time-varying formation tracking for second-order multi-agent systems with a leader of fully unknown input. , 2020, , .		3
51	Distributed adaptive finite-time time-varying group formation tracking for high-order multi-agent systems with directed topologies. , 2020, , .		0
52	Distributed cooperative guidance for multi-missile system with time-varying delays and switching topologies. , 2020, , .		4
53	Formation-containment control for general linear multi-agent systems with time-varying delays and switching topologies. , 2020, , .		2
54	Cooperative guidance strategy for multiple hypersonic gliding vehicles system. Chinese Journal of Aeronautics, 2020, 33, 990-1005.	2.8	67

#	ARTICLE	IF	CITATIONS
55	Distributed adaptive formation tracking for heterogeneous multiagent systems with multiple nonidentical leaders and without well-informed follower. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 2131-2151.	2.1	18
56	Adaptive Distributed State and Input Estimation Using Retrospective-Cost-Based Information Filter. , 2020, , .		0
57	Predefined Finite-time Output Containment of Nonlinear Multi-Agent Systems with Undirected Topology. , 2020, , .		1
58	Robust multi-agent differential games for general linear systems with model uncertainties. <i>IFAC-PapersOnLine</i> , 2020, 53, 6691-6696.	0.5	0
59	Time-varying formation tracking control for high-order multi-agent systems with switching directed topologies and unknown control input. , 2020, , .		1
60	Finite-Time Time-Varying Group Formation Tracking for High-Order Multi-Agent Systems with Mismatched Disturbances under Directed Graphs. , 2020, , .		0
61	Time-varying formation tracking control for UAV-UCV heterogeneous swarm systems with switching directed topologies. , 2020, , .		6
62	Event-Triggered Time-Varying Formation Control for Discrete-Time Multi-Agent Systems with Communication Delays. , 2020, , .		3
63	Robust time-varying formation tracking control of underactuated unmanned vessels. , 2020, , .		1
64	Formation tracking control for second-order nonlinear multi-agent system with unknown maneuvering leader. , 2020, , .		1
65	Finite Time Decentralized Cubature Information Filtering with Directed Graph. , 2020, , .		0
66	Observability quantification for linear stochastic system and its application in state estimation. , 2020, , .		0
67	Distributed Shortest-Distance Formation for Multi-agent Systems. , 2020, , .		0
68	Adaptive formation tracking control for UAV swarm systems with multiple leaders and switching topologies. , 2020, , .		2
69	A Combined Guidance Law for Intercepting Hypersonic Large Maneuvering Targets. , 2020, , .		1
70	Discrete Sliding Mode Control for Time-varying Formation Tracking of Multi-UAV System with a Dynamic Leader. , 2020, , .		3
71	Formation Control for Second-order Discrete-time Multi-agent Systems with Nonlinear Dynamics Using Neural Networks. , 2020, , .		2
72	Distributed Time-Varying Output Formation Control for General Linear Multiagent Systems With Directed Topology. <i>IEEE Transactions on Control of Network Systems</i> , 2019, 6, 609-620.	2.4	44

#	ARTICLE	IF	CITATIONS
73	Cooperative integrated practical time-varying formation tracking and control for multiple missiles system. Aerospace Science and Technology, 2019, 93, 105300.	2.5	23
74	On time-varying formation feasibility and reference function of time-delayed linear multiagent systems with switching digraphs. International Journal of Robust and Nonlinear Control, 2019, 29, 4928-4942.	2.1	8
75	Distributed Formation Control for Time-delayed Multi-agent Systems with Double-integrator Dynamics. , 2019, , .		0
76	Distributed cooperative encirclement hunting guidance for multiple flight vehicles system. Aerospace Science and Technology, 2019, 95, 105475.	2.5	32
77	Time-varying formation feasibility analysis for linear multi-agent systems with time delays and switching graphs. , 2019, , .		1
78	Consensus Based Strong Tracking Adaptive Cubature Kalman Filtering for Nonlinear System Distributed Estimation. IEEE Access, 2019, 7, 98820-98831.	2.6	12
79	Practical time-varying output formation tracking for high-order multi-agent systems with collision avoidance, obstacle dodging and connectivity maintenance. Journal of the Franklin Institute, 2019, 356, 5898-5926.	1.9	27
80	Fault-tolerant control for commercial aircraft with actuator faults and constraints. Journal of the Franklin Institute, 2019, 356, 3849-3868.	1.9	17
81	Weapon-Target Assignment for Multi-to-Multi Interception With Grouping Constraint. IEEE Access, 2019, 7, 34838-34849.	2.6	25
82	Practical time-varying output formation tracking for high-order nonlinear strict-feedback multi-agent systems with control gap using adaptive neural networks. , 2019, , .		0
83	Practical adaptive time-varying output formation tracking for high-order nonlinear multi-agent systems using neural networks. , 2019, , .		0
84	Bipartite Antagonistic Time-Varying Formation Tracking for Multi-agent System. , 2019, , .		7
85	Advanced Intersection over Union Loss for Visual Tracking. , 2019, , .		4
86	Integrated Fault-Tolerant Flight Control System with Actuator Amplitude Saturation. , 2019, , .		2
87	Integrated Strategy for Fault-Tolerant Flight Control System Design with Rate Saturating Actuators. , 2019, , .		3
88	Adaptive finite-time time-varying group formation tracking for second-order multi-agent systems with unknown disturbances. , 2019, , .		1
89	Distributed Estimation Fusion for Maneuvering Target Based on Consensus Method and Cubature Kalman Filter with Switching Topologies Network. , 2019, , .		0
90	Time-varying formation of double-integrator discrete-time multi-agent systems with switching topology and time-delay. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
91	Group Formation Control For Nonlinear Second-Order Multi-Agent Systems Using Neural Networks. , 2019, , .		3
92	Continuous Control with Deep Reinforcement Learning for Mobile Robot Navigation. , 2019, , .		18
93	Time-varying Formation Control of Discrete-time Multi-agent Systems with Directed Topology. , 2019, , .		3
94	Practical formation containment tracking for multiple autonomous surface vessels system. IET Control Theory and Applications, 2019, 13, 2894-2905.	1.2	24
95	Weapon Target Assignment Method with Grouping Constraints for Interception Based on Artificial Bee Colony Algorithm*. , 2019, , .		1
96	Cooperative time-varying formation guidance for leader-following missiles to intercept a maneuvering target with switching topologies. Nonlinear Dynamics, 2019, 95, 129-141.	2.7	35
97	Finite-Time Time-Varying Formation Tracking for High-Order Multiagent Systems With Mismatched Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-9.	5.9	36
98	Time-varying output formation tracking of heterogeneous linear multi-agent systems with multiple leaders and switching topologies. Journal of the Franklin Institute, 2019, 356, 539-560.	1.9	60
99	Distributed Time-Varying Formation Control for Multiagent Systems With Directed Topology Using an Adaptive Output-Feedback Approach. IEEE Transactions on Industrial Informatics, 2019, 15, 4676-4685.	7.2	44
100	Distributed Time-Varying Output Formation Tracking for Heterogeneous Linear Multiagent Systems With a Nonautonomous Leader of Unknown Input. IEEE Transactions on Automatic Control, 2019, 64, 4292-4299.	3.6	118
101	UIF-based cooperative tracking method for multi-agent systems with sensor faults. Science China Information Sciences, 2019, 62, 1.	2.7	14
102	Time-Varying Formation Tracking for UAV Swarm Systems With Switching Directed Topologies. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3674-3685.	7.2	114
103	Time-Varying Formation Control for Time-Delayed Multi-Agent Systems with General Linear Dynamics and Switching Topologies. Unmanned Systems, 2019, 07, 3-13.	2.7	30
104	Practical time-varying formation tracking for high-order nonlinear multi-agent systems based on the distributed extended state observer. International Journal of Control, 2019, 92, 2451-2462.	1.2	38
105	Event-triggered time-varying formation control for general linear multi-agent systems. Journal of the Franklin Institute, 2019, 356, 10179-10195.	1.9	45
106	Distributed Time-Varying Formation Control for Linear Swarm Systems With Switching Topologies Using an Adaptive Output-Feedback Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2664-2675.	5.9	46
107	Theory and Experiment on Formation-Containment Control of Multiple Multirotor Unmanned Aerial Vehicle Systems. IEEE Transactions on Automation Science and Engineering, 2019, 16, 229-240.	3.4	217
108	Time-Varying Formation Control Under Switching Interaction Topologies Theories and Applications. , 2019, , 1-35.		0

#	ARTICLE	IF	CITATIONS
109	Practical time-varying formation tracking for high-order nonlinear multiagent systems with multiple leaders based on the distributed disturbance observer. International Journal of Robust and Nonlinear Control, 2018, 28, 3258-3272.	2.1	17
110	Time-varying formation tracking for high-order multi-agent systems with switching topologies and a leader of bounded unknown input. Journal of the Franklin Institute, 2018, 355, 2808-2825.	1.9	45
111	Distributed event-triggered cubature information filtering based on weighted average consensus. IET Control Theory and Applications, 2018, 12, 78-86.	1.2	32
112	Practical Time-Varying Formation Tracking for Second-Order Nonlinear Multiagent Systems With Multiple Leaders Using Adaptive Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 6015-6025.	7.2	122
113	Distributed Fault-Tolerant Time-Varying Formation Control for Second-Order Multi-Agent Systems With Actuator Failures and Directed Topologies. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 774-778.	2.2	66
114	Time-varying formation control for general linear multi-agent systems with time-varying delays and switching topologies. , 2018, , .		2
115	Fault-tolerant time-varying formation tracking for second-order multi-agent systems with actuator faults and a non-cooperative target. IFAC-PapersOnLine, 2018, 51, 68-73.	0.5	6
116	Formation-containment tracking for general linear multi-agent systems with a tracking-leader of unknown control input. Systems and Control Letters, 2018, 122, 67-76.	1.3	55
117	Fully Distributed Output-feedback Time-varying Formation Tracking Control for Second-order Nonlinear Multi-agent Systems with Switching Directed Topologies. , 2018, , .		4
118	Containment control of fully heterogeneous linear multi-agent systems with switching topologies. , 2018, , .		3
119	Robust adaptive attitude control of the quad-rotor UAV based on the LQR and NESO technique. , 2018, , .		3
120	Periodic Event-Triggered Time-Varying Formation of Multi-Agent Systems. , 2018, , .		1
121	Time-varying formation pursuit based cooperative guidance for multiple missiles to intercept a maneuvering target. , 2018, , .		0
122	Gust Load Alleviation for a Regional Aircraft with Actuator Oscillatory Failure Case. , 2018, , .		0
123	Distributed Extended Kalman-consensus Filtering Algorithm Based on Sensor Network for Nonlinear System. , 2018, , .		3
124	Time-varying formation tracking for UGV swarm systems with switching directed topologies. , 2018, , .		4
125	Distributed Output Formation Control for Linear Swarm Systems with Time-Varying Formation and Directed Topology. , 2018, , .		0
126	Robust Formation Control for Multiple Quadrotors Subject to Nonlinear Dynamics and Disturbances. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
127	Formation Control for Time-delayed Second-order Multi-agent Systems with Switching Topology. , 2018, , .		0
128	Application of an Adapted Genetic Algorithm on Task Allocation Problem of Multiple UAVs. , 2018, , .		1
129	Fault Tolerant Control for Commercial Aircraft with Actuator Faults and Amplitude Saturation. , 2018, , .		0
130	Application of An Adaptive Cubature Kalman Filter in Target Tracking Model of Infrared Semi-strapdown Seeker. , 2018, , .		1
131	A New Positioning System Based on UWB and INS Fusion Information. , 2018, , .		0
132	Time-varying group formation tracking for second-order multi-agent systems with switching directed topologies. , 2018, , .		3
133	Model Reference Adaptive Control of a Quadrotor UAV based on RBF Neural Networks. , 2018, , .		1
134	Fault Tolerant Control for Civil Aircraft with Actuator Faults and Rate Limit. , 2018, , .		0
135	Robust guaranteed cost time-varying formation tracking control for high-order multi-agent systems with external disturbances. , 2018, , .		0
136	Time-varying formation tracking for general linear multi-agent systems with multiple leaders and input saturation. , 2018, , .		1
137	Practical time-varying formation tracking for multiple non-holonomic mobile robot systems based on the distributed extended state observers. IET Control Theory and Applications, 2018, 12, 1737-1747.	1.2	21
138	Distributed formation tracking for high-order multi-agent systems with a leader of unknown input and switching topologies via edge-based adaptive protocol. , 2018, , .		1
139	Oscillatory failure case detection in the missile Actuators electrical flight control system by adaptive unknown input observer. , 2018, , .		1
140	Distributed Formation Control for Multiple Vertical Takeoff and Landing UAVs With Switching Topologies. IEEE/ASME Transactions on Mechatronics, 2018, 23, 1750-1761.	3.7	84
141	Time-varying group formation analysis and design for general linear multi-agent systems with directed topologies. International Journal of Robust and Nonlinear Control, 2017, 27, 1640-1652.	2.1	42
142	Time-Varying Output Formation for Linear Multiagent Systems via Dynamic Output Feedback Control. IEEE Transactions on Control of Network Systems, 2017, 4, 236-245.	2.4	56
143	Time-Varying Formation Tracking for Linear Multiagent Systems With Multiple Leaders. IEEE Transactions on Automatic Control, 2017, 62, 3658-3664.	3.6	391
144	Distributed Time-Varying Formation Robust Tracking for General Linear Multiagent Systems With Parameter Uncertainties and External Disturbances. IEEE Transactions on Cybernetics, 2017, 47, 1959-1969.	6.2	143

#	ARTICLE	IF	CITATIONS
145	Formation tracking control for time-delayed multi-agent systems with second-order dynamics. Chinese Journal of Aeronautics, 2017, 30, 348-357.	2.8	46
146	Distributed adaptive control for time-varying formation of general linear multi-agent systems. International Journal of Systems Science, 2017, 48, 3491-3503.	3.7	12
147	Distributed group cooperative guidance for multiple missiles with fixed and switching directed communication topologies. Nonlinear Dynamics, 2017, 90, 2507-2523.	2.7	48
148	An image denoising method based on nonsubsampling contourlet transform with SQP optimization. , 2017, , .		3
149	Distributed time-varying formation control for second-order nonlinear multi-agent systems based on observers. , 2017, , .		5
150	Weighted average consensus-based cubature Kalman filtering for mobile sensor networks with switching topologies. , 2017, , .		2
151	Fault-tolerant time-varying formation control for second-order multi-agent systems with directed topologies. , 2017, , .		4
152	Decentralized event-triggered formation of linear multi-agent system. , 2017, , .		3
153	Distributed adaptive practical time-varying tracking control for second-order nonlinear multi-agent system using neural networks. , 2017, , .		3
154	Guidance information estimation of the semi-strapdown infrared imaging seeker. , 2017, , .		2
155	Distributed cooperative guidance for multiple missiles with fixed and switching communication topologies. Chinese Journal of Aeronautics, 2017, 30, 1570-1581.	2.8	69
156	Time-varying formation tracking for second-order multi-agent systems with switching directed topologies. , 2017, , .		2
157	Distributed fault-tolerant time-varying formation control for high-order linear multi-agent systems with actuator failures. ISA Transactions, 2017, 71, 40-50.	3.1	54
158	Necessary and sufficient conditions for average formation tracking of second-order multi-agent systems with multiple leaders. Journal of the Franklin Institute, 2017, 354, 611-626.	1.9	46
159	Time-Varying Formation Tracking for Second-Order Multi-Agent Systems Subjected to Switching Topologies With Application to Quadrotor Formation Flying. IEEE Transactions on Industrial Electronics, 2017, 64, 5014-5024.	5.2	566
160	Distributed Time-Varying Formation Tracking Analysis and Design for Second-Order Multi-Agent Systems. Journal of Intelligent and Robotic Systems: Theory and Applications, 2017, 86, 277-289.	2.0	50
161	Time-varying formation tracking control for multi-agent systems with input saturation. , 2017, , .		5
162	Practical time-varying formation tracking control for second-order nonlinear multi-agent systems based on the distributed extend state observer. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
163	Distributed group cooperative guidance for multiple missiles with switching directed communication topologies. , 2017, , .		4
164	Formation-containment tracking for high-order linear multi-agent systems on directed graphs. , 2017, , .		1
165	Robust adaptive control for hypersonic gliding vehicles based on NESO. , 2017, , .		3
166	Time-varying formation control for mobile robots: Algorithms and experiments. , 2017, , .		3
167	Weighted average consensus-based cubature information filtering for mobile sensor networks with intermittent observations. , 2017, , .		3
168	Distributed observer-based time-varying formation tracking for high-order multi-agent systems with nonlinear dynamics. , 2017, , .		4
169	A new robust fault-tolerant control strategy for aircraft with asymmetric structure damage. , 2017, , .		1
170	Robust adaptive attitude control for carrier based aircrafts in the landing process under the carrier air wake disturbance. , 2017, , .		1
171	Time-varying group formation control for second-order multi-agent systems with switching directed topologies. , 2017, , .		7
172	Robust adaptive time-varying formation control for high-order linear uncertain multi-agent systems. , 2017, , .		2
173	Decentralized Modeling, Analysis, Control, and Application of Distributed Dynamic Systems. Journal of Control Science and Engineering, 2016, 2016, 1-2.	0.8	0
174	Time-varying output formation control for linear multi-agent systems with switching topologies. International Journal of Robust and Nonlinear Control, 2016, 26, 3558-3579.	2.1	28
175	A consensus based algorithm for formation control under directed and switching graphs. , 2016, , .		1
176	Distributed Adaptive Formation Control for Linear Swarm Systems With Time-Varying Formation and Switching Topologies. IEEE Access, 2016, 4, 8995-9004.	2.6	35
177	Circular formation tracking control for time-delayed second-order multi-agent systems with multiple leaders. , 2016, , .		0
178	Distributed adaptive time-varying formation for multi-agent systems with general high-order linear time-invariant dynamics. Journal of the Franklin Institute, 2016, 353, 2290-2304.	1.9	99
179	Output formation-containment analysis and design for general linear time-invariant multi-agent systems. Journal of the Franklin Institute, 2016, 353, 322-344.	1.9	43
180	Time-varying group formation analysis and design for second-order multi-agent systems with directed topologies. Neurocomputing, 2016, 205, 367-374.	3.5	42

#	ARTICLE	IF	CITATIONS
181	Time-varying formation control for general linear multi-agent systems with switching directed topologies. <i>Automatica</i> , 2016, 73, 47-55.	3.0	428
182	Group cooperative guidance for multiple missiles with directed topologies. , 2016, , .		8
183	Distributed cooperative guidance for multiple missiles. , 2016, , .		3
184	Formation-containment control for second-order multi-agent systems with time-varying delays. <i>Neurocomputing</i> , 2016, 218, 439-447.	3.5	59
185	Time-varying formation control for linear multi-agent systems with distributed adaptive protocols. , 2016, , .		3
186	Formation-containment control for mutli-agent systems with second-order dynamics and time-varying delays. , 2016, , .		4
187	Average formation tracking for second-order multi-agent systems with multiple leaders. , 2016, , .		3
188	Time-varying formation tracking for UAV swarm systems with switching interaction topologies. , 2016, , .		8
189	Time-varying group formation control for multi-agent systems with second-order dynamics and directed topologies. , 2016, , .		0
190	Time-varying group formation control for general linear multi-agent systems with directed topologies. , 2016, , .		3
191	Formation tracking control for second-order multi-agent systems with time-varying delays. , 2016, , .		4
192	Time-varying formation control for multi-agent systems with double-integrator dynamics and jointly connected topologies. , 2016, , .		0
193	Adaptive time-varying formation control for high-order linear multi-agent systems with directed interaction topology. , 2016, , .		5
194	Time-varying formation control for second-order swarm systems with switching directed topologies. <i>Information Sciences</i> , 2016, 369, 1-13.	4.0	41
195	Time-varying formation control for swarm systems with second-order dynamics and switching directed topologies. , 2016, , .		0
196	Time-varying formation control for double-integrator multi-agent systems with jointly connected topologies. <i>International Journal of Systems Science</i> , 2016, 47, 3829-3838.	3.7	27
197	Consensus Control of Swarm Systems. Springer Theses, 2016, , 33-51.	0.0	1
198	Formation Control of Swarm Systems. Springer Theses, 2016, , 53-103.	0.0	0

#	ARTICLE	IF	CITATIONS
199	Formation-Containment Control of Swarm Systems. Springer Theses, 2016, , 133-164.	0.0	1
200	Time-varying formation control for unmanned aerial vehicles with switching interaction topologies. Control Engineering Practice, 2016, 46, 26-36.	3.2	284
201	Containment Control of Swarm Systems. Springer Theses, 2016, , 105-131.	0.0	1
202	Containment analysis and design for general linear multi-agent systems with time-varying delays. Neurocomputing, 2016, 173, 2062-2068.	3.5	33
203	Time-varying formation tracking for second-order multi-agent systems with one leader. , 2015, , .		5
204	Formation-Containment analysis and design for high-order linear time-invariant swarm systems. International Journal of Robust and Nonlinear Control, 2015, 25, 3439-3456.	2.1	102
205	Output containment analysis and design for high-order linear time-invariant swarm systems. International Journal of Robust and Nonlinear Control, 2015, 25, 900-913.	2.1	18
206	Formation tracking of multi-agent systems with bearing-only measurement. , 2015, , .		3
207	Time-Varying Formation Control for Unmanned Aerial Vehicles: Theories and Applications. IEEE Transactions on Control Systems Technology, 2015, 23, 340-348.	3.2	730
208	Formation-containment control for high-order linear time-invariant multi-agent systems with time delays. Journal of the Franklin Institute, 2015, 352, 3564-3584.	1.9	107
209	Formation-containment analysis and design for high-order linear time-invariant swarm systems with time delays. , 2015, , .		4
210	Time-varying output formation control for high-order linear time-invariant swarm systems. Information Sciences, 2015, 298, 36-52.	4.0	40
211	Time-varying formation control for high-order linear swarm systems with switching interaction topologies. IET Control Theory and Applications, 2014, 8, 2162-2170.	1.2	63
212	Formation-containment control for high-order linear time-invariant multi-agent systems. , 2014, , .		4
213	Formation-containment control for unmanned aerial vehicle swarm system. , 2014, , .		7
214	Time-varying formation control for unmanned aerial vehicles with switching interaction topologies. , 2014, , .		10
215	Output containment control for swarm systems with general linear dynamics: A dynamic output feedback approach. Systems and Control Letters, 2014, 71, 31-37.	1.3	41
216	Formation Control for High-Order Linear Time-Invariant Multiagent Systems With Time Delays. IEEE Transactions on Control of Network Systems, 2014, 1, 232-240.	2.4	163

#	ARTICLE	IF	CITATIONS
217	Containment analysis and design for high-order linear time-invariant singular swarm systems with time delays. International Journal of Robust and Nonlinear Control, 2014, 24, 1189-1204.	2.1	63
218	Output Containment Control for High-Order Linear Time-Invariant Swarm Systems. , 2013, , .		0
219	Practical consensus for high-order linear time-invariant swarm systems with interaction uncertainties, time-varying delays and external disturbances. International Journal of Systems Science, 2013, 44, 1843-1856.	3.7	45