

Jianglong Yu

List of Publications by Year in descending order

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48
papers

802
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471061

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48
docs citations

48
times ranked

452
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Cooperative guidance strategy for multiple hypersonic gliding vehicles system. Chinese Journal of Aeronautics, 2020, 33, 990-1005.	2.8	67
3	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
4	Robust H_{∞} 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
5	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
6	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
7	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
8	Distributed cooperative encirclement hunting guidance for multiple flight vehicles system. Aerospace Science and Technology, 2019, 95, 105475.	2.5	32
9	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
10	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
11	Practical formation containment tracking for multiple autonomous surface vessels system. IET Control Theory and Applications, 2019, 13, 2894-2905.	1.2	24
12	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
13	Cooperative integrated practical time-varying formation tracking and control for multiple missiles system. Aerospace Science and Technology, 2019, 93, 105300.	2.5	23
14	Practical time-varying formation tracking for multiple nonholonomic mobile robot systems based on the distributed extended state observers. IET Control Theory and Applications, 2018, 12, 1737-1747.	1.2	21
15	Distributed adaptive cooperative time-varying formation tracking guidance for multiple aerial vehicles system. Aerospace Science and Technology, 2021, 117, 106925.	2.5	21
16	Three-dimensional cooperative guidance strategy and guidance law for intercepting highly maneuvering target. Chinese Journal of Aeronautics, 2021, 34, 485-495.	2.8	20
17	Predefined Finite-Time Output Containment of Nonlinear Multi-Agent Systems With Leaders of Unknown Inputs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3436-3448.	3.5	20
18	Penetration trajectory optimization for the hypersonic gliding vehicle encountering two interceptors. Aerospace Science and Technology, 2022, 121, 107363.	2.5	18

#	ARTICLE	IF	CITATIONS
19	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
20	Trajectory Planning for Cooperative Flight of Two Hypersonic Entry Vehicles. , 2017, , .		13
21	Predefined formation containment control of high-order multi-agent systems under communication delays and switching topologies. IET Control Theory and Applications, 2021, 15, 1661-1672.	1.2	12
22	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
23	Task coupling based layered cooperative guidance: Theories and applications. Control Engineering Practice, 2022, 121, 105050.	3.2	8
24	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
25	Distributed time-varying formation control for second-order nonlinear multi-agent systems based on observers. , 2017, , .		5
26	Distributed observer-based time-varying formation tracking for high-order multi-agent systems with nonlinear dynamics. , 2017, , .		4
27	Distributed adaptive practical time-varying tracking control for second-order nonlinear multi-agent system using neural networks. , 2017, , .		3
28	Robust adaptive control for hypersonic gliding vehicles based on NESO. , 2017, , .		3
29	Control strategy for the transition flight of a tail-sitter UAV. , 2017, , .		3
30	Containment control of fully heterogeneous linear multi-agent systems with switching topologies. , 2018, , .		3
31	Robust adaptive attitude control of the quad-rotor UAV based on the LQR and NESO technique. , 2018, , .		3
32	Distributed state estimation for heterogeneous mobile sensor networks with stochastic observation loss. Chinese Journal of Aeronautics, 2021, 35, 265-265.	2.8	3
33	Practical time-varying formation tracking control for second-order nonlinear multi-agent systems based on the distributed extend state observer. , 2017, , .		2
34	Weapon target assignment strategy for multi-missile cooperative guidance with auction algorithm. , 2021, , .		2
35	Robust adaptive attitude control for carrier based aircrafts in the landing process under the carrier air wake disturbance. , 2017, , .		1
36	Finite-time adaptive cooperative guidance for multiple missiles. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
37	Penetration Trajectory Optimization of Hypersonic Gliding Vehicles with Multiple Constraints. , 2021, , .		1
38	Predefined Finite-time Output Containment of Nonlinear Multi-Agent Systems with Undirected Topology. , 2020, , .		1
39	Data-Based Output Formation Tracking Control for Heterogeneous Multi-Agent Systems. , 2021, , .		1
40	Distributed Formation Flight for Fixed-Wing UAVs Based on Cooperative Moving Path Following under Wind Disturbances. , 2021, , .		1
41	Integration control design for a semi-strapdown seeker missile. , 2016, , .		0
42	Robust guaranteed cost time-varying formation tracking control for high-order multi-agent systems with external disturbances. , 2018, , .		0
43	Practical time-varying output formation tracking for high-order nonlinear strict-feedback multi-agent systems with control gap using adaptive neural networks. , 2019, , .		0
44	Practical adaptive time-varying output formation tracking for high-order nonlinear multi-agent systems using neural networks. , 2019, , .		0
45	Cooperative guidance strategy with a leader-follower structure. , 2021, , .		0
46	Cooperative interception against highly maneuvering target with acceleration constraints for multiple heterogeneous missiles. , 2021, , .		0
47	Cooperative Entry Trajectory Planning for Multiple Hypersonic Gliding Vehicles Using Convex Programming Method. , 2021, , .		0
48	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