

Jianglong Yu

List of Publications by Year in descending order

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48
papers

802
citations

471061

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610482

24
g-index

48
all docs

48
docs citations

48
times ranked

452
citing authors

#	ARTICLE	IF	CITATIONS
1	Task coupling based layered cooperative guidance: Theories and applications. Control Engineering Practice, 2022, 121, 105050.	3.2	8
2	Penetration trajectory optimization for the hypersonic gliding vehicle encountering two interceptors. Aerospace Science and Technology, 2022, 121, 107363.	2.5	18
3	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
4	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
5	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
6	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
7	Distributed state estimation for heterogeneous mobile sensor networks with stochastic observation loss. Chinese Journal of Aeronautics, 2021, 35, 265-265.	2.8	3
8	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
9	Three-dimensional cooperative guidance strategy and guidance law for intercepting highly maneuvering target. Chinese Journal of Aeronautics, 2021, 34, 485-495.	2.8	20
10	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
11	Distributed adaptive cooperative time-varying formation tracking guidance for multiple aerial vehicles system. Aerospace Science and Technology, 2021, 117, 106925.	2.5	21
12	Finite-time adaptive cooperative guidance for multiple missiles. , 2021, , .		1
13	Weapon target assignment strategy for multi-missile cooperative guidance with auction algorithm. , 2021, , .		2
14	Penetration Trajectory Optimization of Hypersonic Gliding Vehicles with Multiple Constraints. , 2021, , .		1
15	Cooperative guidance strategy with a leader-follower structure. , 2021, , .		0
16	Cooperative interception against highly maneuvering target with acceleration constraints for multiple heterogeneous missiles. , 2021, , .		0
17	Data-Based Output Formation Tracking Control for Heterogeneous Multi-Agent Systems. , 2021, , .		1
18	Cooperative Entry Trajectory Planning for Multiple Hypersonic Gliding Vehicles Using Convex Programming Method. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Distributed Formation Flight for Fixed-Wing UAVs Based on Cooperative Moving Path Following under Wind Disturbances. , 2021, , .		1
20	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
21	Robust \mathcal{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
22	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
23	Cooperative guidance strategy for multiple hypersonic gliding vehicles system. Chinese Journal of Aeronautics, 2020, 33, 990-1005.	2.8	67
24	Predefined Finite-time Output Containment of Nonlinear Multi-Agent Systems with Undirected Topology. , 2020, , .		1
25	Cooperative integrated practical time-varying formation tracking and control for multiple missiles system. Aerospace Science and Technology, 2019, 93, 105300.	2.5	23
26	Distributed cooperative encirclement hunting guidance for multiple flight vehicles system. Aerospace Science and Technology, 2019, 95, 105475.	2.5	32
27	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
28	Practical time-varying output formation tracking for high-order nonlinear strict-feedback multi-agent systems with control gap using adaptive neural networks. , 2019, , .		0
29	Practical adaptive time-varying output formation tracking for high-order nonlinear multi-agent systems using neural networks. , 2019, , .		0
30	Practical formation containment tracking for multiple autonomous surface vessels system. IET Control Theory and Applications, 2019, 13, 2894-2905.	1.2	24
31	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
32	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
33	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
34	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
35	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
36	Containment control of fully heterogeneous linear multi-agent systems with switching topologies. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
37	Robust adaptive attitude control of the quad-rotor UAV based on the LQR and NESO technique. , 2018, , .		3
38	Robust guaranteed cost time-varying formation tracking control for high-order multi-agent systems with external disturbances. , 2018, , .		0
39	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
40	Trajectory Planning for Cooperative Flight of Two Hypersonic Entry Vehicles. , 2017, , .		13
41	Distributed time-varying formation control for second-order nonlinear multi-agent systems based on observers. , 2017, , .		5
42	Distributed adaptive practical time-varying tracking control for second-order nonlinear multi-agent system using neural networks. , 2017, , .		3
43	Practical time-varying formation tracking control for second-order nonlinear multi-agent systems based on the distributed extend state observer. , 2017, , .		2
44	Robust adaptive control for hypersonic gliding vehicles based on NESO. , 2017, , .		3
45	Control strategy for the transition flight of a tail-sitter UAV. , 2017, , .		3
46	Distributed observer-based time-varying formation tracking for high-order multi-agent systems with nonlinear dynamics. , 2017, , .		4
47	Robust adaptive attitude control for carrier based aircrafts in the landing process under the carrier air wake disturbance. , 2017, , .		1
48	Integration control design for a semi-strapdown seeker missile. , 2016, , .		0