

Jianying

List of Publications by Year in descending order

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43
papers

1,098
citations

759055

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43
docs citations

43
times ranked

899
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, Modeling, Control, and Experiments for Multiple AUVs Formation. IEEE Transactions on Automation Science and Engineering, 2022, 19, 2776-2787.	3.4	22
2	Variational method-based distributed optimal guidance laws for multi-attackers's simultaneous attack. Transactions of the Institute of Measurement and Control, 2021, 43, 1868-1879.	1.1	4
3	Design, Modeling, Control, and Experiments for a Fish-Robot-Based IoT Platform to Enable Smart Ocean. IEEE Internet of Things Journal, 2021, 8, 9317-9329.	5.5	30
4	Finite-time Formation Control of Fixed-Wing Aircraft under Constrained Velocity and Acceleration. , 2021, , .		1
5	Adaptive-Robust Cooperative Guidance Strategy for Simultaneous attack with Impact Angle Constraints. , 2021, , .		0
6	A Specified Time Obstacle Avoidance Control Strategy for Wheeled Mobile Robots. , 2021, , .		0
7	Cooperative guidance for simultaneous attack: a fully distributed, adaptive, and optimal approach. International Journal of Control, 2020, 93, 1765-1774.	1.2	17
8	Distributed optimal formation algorithm for multi-satellites system with time-varying performance function. International Journal of Control, 2020, 93, 1015-1026.	1.2	8
9	Fully distributed guidance laws for unmanned aerial vehicles formation flight. Transactions of the Institute of Measurement and Control, 2020, 42, 965-980.	1.1	3
10	Design of distributed guidance laws for multiple unmanned aerial vehicles cooperative attack of a moving target based on reducing surrounding area. Transactions of the Institute of Measurement and Control, 2020, 42, 2155-2165.	1.1	0
11	Cooperative Strategies with Boundary Conditions for Optimal Aircraft Simultaneous Attack. , 2019, , .		1
12	Spacecraft High Accuracy Attitude Control by Quaternion-Based Nonlinear Dynamic Inversion. , 2019, , .		3
13	Adaptive Fault-tolerant Control for Flight Systems with Severe Actuator Failures. , 2019, , .		0
14	Finite time simultaneous attack for a maneuvering target with unknown acceleration. Transactions of the Institute of Measurement and Control, 2019, 41, 1849-1860.	1.1	7
15	Guidance Law Design for Impact Time Attack Against Moving Targets. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 2580-2589.	2.6	32
16	Cooperative Guidance Law Design for Simultaneous Attack with Multiple Missiles Against a Maneuvering Target. Journal of Systems Science and Complexity, 2018, 31, 287-301.	1.6	36
17	Active Flow Vector Flight Control Using Only SJAs for a Fixed-Wing UAV. IEEE Access, 2018, 6, 76535-76545.	2.6	3
18	Guidance law of multiple missiles for cooperative simultaneous attack against maneuvering target. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	Attitude Control of Aircraft Using Only Synthetic Jet Actuators When Stall Occurs. IEEE Access, 2018, 6, 37910-37917.	2.6	9
20	Active flow vector flight control for a fixed-wing UAV with Synthetic Jet. , 2018, , .		0
21	Cooperative Line-of-Sight (LOS) Based Control for Moving-Center Formation Flight of Multi Vehicles. , 2018, , .		0
22	Robust Adaptive Optimized Tracking Control for a Hypersonic Vehicle with Varying Uncertainties. , 2018, , .		0
23	Simultaneous attack of a stationary target using multiple missiles: a consensus-based approach. Science China Information Sciences, 2017, 60, 1.	2.7	43
24	Cooperative guidance law design for simultaneous attack with multiple missiles under directed communication topologies. , 2017, , .		3
25	Nonlinear dynamics of sloshing in tank based on Hamilton principle. , 2017, , .		0
26	A new simultaneous attack cooperative guidance law with strengthened condition. , 2017, , .		1
27	Distributed cooperative strategy design against a maneuvering target with acceleration. , 2016, , .		1
28	Distributed Guidance Law Design for Cooperative Simultaneous Attacks with Multiple Missiles. Journal of Guidance, Control, and Dynamics, 2016, 39, 2439-2447.	1.6	131
29	Smooth Sliding Mode Control for Missile Interception with Finite-Time Convergence. Journal of Guidance, Control, and Dynamics, 2015, 38, 1311-1318.	1.6	80
30	Robust finite-time stability and stabilisation for switched linear parameter-varying systems and its application to bank-to-turn missiles. IET Control Theory and Applications, 2015, 9, 2171-2179.	1.2	23
31	On decoupled or coupled control of bank-to-turn missiles. Science China Information Sciences, 2015, 58, 1-13.	2.7	5
32	Finite-time stability analysis and controller synthesis for switched linear parameter-varying systems. , 2014, , .		1
33	Adaptive fault-tolerant control with control allocation for flight systems with severe actuator failures and input saturation. , 2013, , .		12
34	Smooth Switching Output Tracking Control for LPV Systems. Asian Journal of Control, 2012, 14, 1710-1716.	1.9	12
35	Robust reliable tracking controller design against actuator faults for LPV systems. Asian Journal of Control, 2011, 13, 1075-1081.	1.9	7
36	An improved approach to robust stability analysis and controller synthesis for LPV systems. International Journal of Robust and Nonlinear Control, 2011, 21, 1574-1586.	2.1	28

#	ARTICLE	IF	CITATIONS
37	Nonsingular fast terminal sliding-mode control for nonlinear dynamical systems. International Journal of Robust and Nonlinear Control, 2011, 21, 1865-1879.	2.1	564
38	Robust tracking controller design for a class of linear time-varying systems and its application on BTT missiles. , 2010, , .		0
39	A two-step LMI approach to robust dynamic output feedback control for the MIMO aircraft model F-18. , 2010, , .		0
40	Stabilization for a class of nonholonomic perturbed systems via robust adaptive sliding mode control. , 2010, , .		5
41	Chaos control and synchronization of dynamical model of happiness with fractional order. , 2009, , .		2
42	3D Propulsions of Rod-shaped Micropropellers. Advanced Intelligent Systems, 0, , 2100083.	3.3	0
43	An event-triggered optimal cooperative guidance law for simultaneous attacks with impact angle constraints. Optimal Control Applications and Methods, 0, , .	1.3	3