

Pingfang Zhou

List of Publications by Year in descending order

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18
papers

536
citations

1163117

8
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

689
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-triggered adaptive output-feedback control for nonlinear state-constrained systems using tangent-type nonlinear mapping. <i>Asian Journal of Control</i> , 2022, 24, 2189-2201.	3.0	3
2	Optimal obstacle avoidance consensus formation control method for fixed-wing UAV with variable topology. <i>Aerospace Systems</i> , 2022, 5, 75-84.	1.4	3
3	Virtual guidance-based finite-time path-following control of underactuated autonomous airship with error constraints and uncertainties. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2021, 235, 1246-1259.	1.3	2
4	Adaptive finite-time neural backstepping control for multi-input and multi-output state-constrained nonlinear systems using tangent-type nonlinear mapping. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 5559-5578.	3.7	10
5	Formation control of a second-order UAVs system under switching topology with obstacle/collision avoidance. <i>Aerospace Systems</i> , 2020, 3, 219-227.	1.4	0
6	Finite-time spatial path following control for a robotic underactuated airship. <i>IET Intelligent Transport Systems</i> , 2020, 14, 449-454.	3.0	8
7	IBLF-Based Adaptive Finite-time Neural Backstepping Control of An Autonomous Airship With Full State Constraints. , 2020, , .		2
8	A Fast Convergence Super-twisting Observer Design for an Autonomous Airship. <i>Asian Journal of Control</i> , 2019, 21, 429-438.	3.0	5
9	Station-keeping Control of an Underactuated Stratospheric Airship. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 715-732.	4.0	16
10	Adaptive sliding mode stabilization and positioning control for a multi-vector thrust airship with input saturation considered. <i>Transactions of the Institute of Measurement and Control</i> , 2018, 40, 4208-4219.	1.7	8
11	Finite time attitude tracking control of an autonomous airship. <i>Transactions of the Institute of Measurement and Control</i> , 2018, 40, 155-162.	1.7	26
12	Fault-tolerant tracking control for a multi-vector thrust ellipsoidal airship using adaptive integral sliding mode approach. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2018, 232, 1911-1924.	1.3	12
13	SMC Design for Robust Stabilization of Nonlinear Markovian Jump Singular Systems. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 219-224.	5.7	286
14	Fuzzy-Model-Based Sampled-Data Control of Chaotic Systems: A Fuzzy Time-Dependent Lyapunov-Krasovskii Functional Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2017, 25, 1672-1684.	9.8	103
15	A New Result on H_{∞} State Estimation of Delayed Static Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017, 28, 3096-3101.	11.3	36
16	Sliding mode control of singularly perturbed Markovian jump delayed systems with nonlinearity. <i>International Journal of Adaptive Control and Signal Processing</i> , 2013, 27, 718-728.	4.1	5
17	Delay-Dependent Passivity and Passification for Uncertain Singularly Perturbed Markovian Jump Systems with Time-Varying Delay. <i>Circuits, Systems, and Signal Processing</i> , 2012, 31, 2179-2194.	2.0	9
18	Optimal feedback scheduling of model predictive controllers. <i>Journal of Control Theory and Applications</i> , 2006, 4, 175-180.	0.8	2