

Wenjing Xie

List of Publications by Year in descending order

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papers

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1307594

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17
docs citations

17
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	A new formation control of multiple underactuated surface vessels. International Journal of Control, 2018, 91, 1011-1022.	1.9	63
2	Robust global uniform asymptotic stabilization of underactuated surface vessels with unknown model parameters. International Journal of Robust and Nonlinear Control, 2015, 25, 1037-1050.	3.7	44
3	A simple robust control for global asymptotic position stabilization of underactuated surface vessels. International Journal of Robust and Nonlinear Control, 2017, 27, 5028-5043.	3.7	30
4	Global trajectory tracking control of underactuated surface vessels with non-diagonal inertial and damping matrices. Nonlinear Dynamics, 2018, 92, 1481-1492.	5.2	23
5	Position centroid rendezvous and centroid formation of multiple unicycle agents. IET Control Theory and Applications, 2014, 8, 2055-2061.	2.1	22
6	Global asymptotic tracking of asymmetrical underactuated surface vessels with parameter uncertainties. Journal of Control Theory and Applications, 2013, 11, 608-614.	0.8	10
7	Smooth time-invariant control for leaderless consensus of networked nonholonomic systems. International Journal of Advanced Robotic Systems, 2017, 14, 172988141774844.	2.1	10
8	Robust practical tracking control of an underactuated hovercraft. Asian Journal of Control, 2021, 23, 2201-2213.	3.0	5
9	Global smooth leaderless consensus control of high-order nonholonomic chained systems. International Journal of Control, 2022, 95, 81-92.	1.9	4
10	Robust smooth control for global uniform asymptotic stabilization of underactuated surface vessels with unknown model parameters. Asian Journal of Control, 2022, 24, 872-884.	3.0	4
11	A minimum phase output based tracking control of ball and plate systems. International Journal of Dynamics and Control, 2022, 10, 462-472.	2.5	1
12	Global Tracking Control of Underactuated Surface Vessels with Non-diagonal Matrices. Lecture Notes in Electrical Engineering, 2018, , 561-570.	0.4	0
13	Leader-Following Bipartite Formation Control of Multiple Nonholonomic Robot Systems Over Signed Graph. Journal of Physics: Conference Series, 2021, 1754, 012141.	0.4	0
14	Global formation control of nonholonomic unicycle vehicles with guaranteed rate of convergence. Asian Journal of Control, 2022, 24, 907-919.	3.0	0
15	Algebraic Criteria for Consensus Problems of Signed Directed Networks. Lecture Notes in Electrical Engineering, 2018, , 451-460.	0.4	0
16	A Distributed Formation Stabilization Control Protocol of Nonholonomic Unicycle Agents. , 2020, , .		0