

# Wenjing Xie

## List of Publications by Year in descending order

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16  
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docs citations

17  
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176  
citing authors

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