

# Wenjie Dong

## List of Publications by Year in descending order

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32  
papers

2,530  
citations

687363

13  
h-index

839539

18  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1406  
citing authors

#	ARTICLE	IF	CITATIONS
1	Command Filtered Backstepping. IEEE Transactions on Automatic Control, 2009, 54, 1391-1395.	5.7	879
2	Command Filtered Adaptive Backstepping. IEEE Transactions on Control Systems Technology, 2012, 20, 566-580.	5.2	593
3	Cooperative Control of Multiple Nonholonomic Mobile Agents. IEEE Transactions on Automatic Control, 2008, 53, 1434-1448.	5.7	282
4	Adaptive Fuzzy Control of Nonlinear Systems With Unknown Dead Zones Based on Command Filtering. IEEE Transactions on Fuzzy Systems, 2018, 26, 46-55.	9.8	168
5	Decentralized cooperative control of multiple nonholonomic dynamic systems with uncertainty. Automatica, 2009, 45, 706-710.	5.0	130
6	On consensus algorithms of multiple uncertain mechanical systems with a reference trajectory. Automatica, 2011, 47, 2023-2028.	5.0	116
7	Tracking Control of Multiple-Wheeled Mobile Robots With Limited Information of a Desired Trajectory. IEEE Transactions on Robotics, 2012, 28, 262-268.	10.3	77
8	Distributed optimal control of multiple systems. International Journal of Control, 2010, 83, 2067-2079.	1.9	38
9	Command filtered backstepping. , 2008, , .		34
10	Robust Formation Control of Multiple Wheeled Mobile Robots. Journal of Intelligent and Robotic Systems: Theory and Applications, 2011, 62, 547-565.	3.4	33
11	Adaptive stabilization of uncertain dynamic non-holonomic systems. International Journal of Control, 1999, 72, 1689-1700.	1.9	26
12	Consensus of multiple nonholonomic systems. , 2008, , .		26
13	Distributed Cooperative Control of Multiple Nonholonomic Mobile Robots. Journal of Intelligent and Robotic Systems: Theory and Applications, 2016, 83, 525-541.	3.4	25
14	Consensus of High-Order Nonlinear Continuous-Time Systems With Uncertainty and Limited Communication Data Rate. IEEE Transactions on Automatic Control, 2019, 64, 2100-2107.	5.7	22
15	Distributed tracking control of networked chained systems. International Journal of Control, 2013, 86, 2159-2174.	1.9	19
16	Decentralized cooperative control of multiple nonholonomic systems. , 2007, , .		16
17	Distributed tracking control of uncertain mechanical systems with velocity constraints. International Journal of Robust and Nonlinear Control, 2017, 27, 3990-4012.	3.7	9
18	Control of uncertain wheeled mobile robots with slipping. , 2010, , .		8

#	ARTICLE	IF	CITATIONS
19	Distributed Robust Formation Flying and Attitude Synchronization of Spacecraft. Journal of Aerospace Engineering, 2021, 34, .	1.4	7
20	Tracking control of multiple nonlinear systems via information interchange. , 2011, , .		6
21	Distributed $H_2 / H_\infty$ filtering over infinite horizon. International Journal of Adaptive Control and Signal Processing, 2018, 32, 330-343.	4.1	4
22	Optimal tracking control for unknown nonlinear systems based on locally weighted learning. , 2008, , .		3
23	Optimal Regulation of Unknown Nonlinear Systems Based on Locally Weighted Learning. , 2008, , .		2
24	Tracking control of vertical takeoff and landing vehicles with parametric uncertainty. International Journal of Adaptive Control and Signal Processing, 2020, 34, 1294-1307.	4.1	2
25	Formation control of multiple mobile robots with uncertainty. , 2008, , .		1
26	Hybrid Control Design Applied in Land Vehicle Behavior-Based Switching Controller. , 2008, , .		1
27	Distributed control of multiple wheeled mobile robots. , 2011, , .		1
28	Self-organized locally linear optimal tracking control for unknown nonlinear systems. , 2011, , .		1
29	Load frequency control scheme design considering flexible disturbances. IET Renewable Power Generation, 2020, 14, 4142-4149.	3.1	1
30	Tracking control of nonaffine systems: A self-organizing approximation approach. , 2008, , .		0
31	Consensus of multiple uncertain mechanical systems and its application in cooperative control of mobile robots. , 2008, , .		0
32	Distributed Command Filtered Robust Tracking Control of Wave-Adaptive Modular Vessel with Uncertainty. , 2020, , .		0