

Xinghu Wang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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all docs

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docs citations

29
times ranked

513
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Optimization for a Class of Nonlinear Multiagent Systems With Disturbance Rejection. IEEE Transactions on Cybernetics, 2016, 46, 1655-1666.	9.5	174
2	Distributed Output Regulation of Nonlinear Multi-Agent Systems via Host Internal Model. IEEE Transactions on Automatic Control, 2014, 59, 2784-2789.	5.7	60
3	Distributed Nash Equilibrium Seeking for Aggregative Games With Nonlinear Dynamics Under External Disturbances. IEEE Transactions on Cybernetics, 2020, 50, 4876-4885.	9.5	60
4	Distributed output regulation for a class of nonlinear multi-agent systems with unknown-input leaders. Automatica, 2015, 62, 154-160.	5.0	57
5	Adaptive multi-agent containment control with multiple parametric uncertain leaders. Automatica, 2014, 50, 2366-2372.	5.0	52
6	Consensus control of nonlinear leader-follower multi-agent systems with actuating disturbances. Systems and Control Letters, 2014, 73, 58-66.	2.3	50
7	Dynamic optimization for multi-agent systems with external disturbances. Control Theory and Technology, 2014, 12, 132-138.	1.6	49
8	Distributed Optimization Design of Continuous-Time Multiagent Systems With Unknown-Frequency Disturbances. IEEE Transactions on Cybernetics, 2017, 47, 2058-2066.	9.5	46
9	Optimal Output Consensus for Nonlinear Multiagent Systems With Both Static and Dynamic Uncertainties. IEEE Transactions on Automatic Control, 2021, 66, 1733-1740.	5.7	40
10	Robust almost output consensus in networks of nonlinear agents with external disturbances. Automatica, 2016, 70, 303-311.	5.0	34
11	Global robust distributed output consensus of multi-agent nonlinear systems: An internal model approach. Systems and Control Letters, 2016, 87, 64-69.	2.3	32
12	Output regulation of nonlinear output feedback systems with exponential parameter convergence. Systems and Control Letters, 2016, 88, 81-90.	2.3	28
13	Event-based cooperative global practical output regulation of multi-agent systems with nonlinear leader. Automatica, 2019, 107, 600-604.	5.0	21
14	Global robust stabilization of nonlinear cascaded systems with integral ISS dynamic uncertainties. Automatica, 2017, 80, 210-217.	5.0	19
15	A nonlinear internal model design for heterogeneous second-order multi-agent systems with unknown leader. Automatica, 2018, 91, 27-35.	5.0	15
16	Distributed Adaptive Output Feedback Control for Multiagent Systems With Unknown Dynamics. IEEE Transactions on Automatic Control, 2021, 66, 1367-1374.	5.7	15
17	Cooperative robust output regulation of linear uncertain multiple multivariable systems with performance constraint. Automatica, 2018, 95, 137-145.	5.0	14
18	A Framework for Global Robust Output Regulation of Nonlinear Lower Triangular Systems With Uncertain Exosystems. IEEE Transactions on Automatic Control, 2018, 63, 894-901.	5.7	11

#	ARTICLE	IF	CITATIONS
19	Nonlinear output-feedback tracking in multiagent systems with an unknown leader and directed communication. <i>Science China Information Sciences</i> , 2021, 64, 1.	4.3	6
20	Optimal Output Consensus for a Class of Uncertain Nonlinear Multi-agent Systems. , 2018, , .		3
21	Distributed Nash Equilibrium Seeking Design in Network of Uncertain Linear Multi-agent Systems. , 2020, , .		3
22	Reduced-order observer-based robust drag-tracking guidance for uncertain entry vehicles. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 4906-4923.	3.7	3
23	Leader-following rendezvous for single-integrator multi-agent systems with uncertain leader. , 2017, , .		2
24	Control of second-order nonlinear multi-agent systems with unknown leaders. , 2017, , .		2
25	Consensus of heterogeneous multi-agent nonlinear systems with unknown leaders. , 2016, , .		1
26	Internal model-based synthesis for networks of multiple multivariable systems. , 2017, , .		1
27	Cooperative Adaptive Output Regulation for Unknown Multi-agent Systems with Nonidentical Relative Degrees. , 2018, , .		1
28	Cooperative Nonlinear Output Regulation of Multi-agent Systems with Uncertain Leader*. , 2018, , .		1
29	Design of tracking observers for locally jointly observable systems. <i>Control Theory and Technology</i> , 2020, 18, 390-398.	1.6	1