

# Peng Lin

## List of Publications by Year in descending order

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43  
papers

3,796  
citations

279798

23  
h-index

377865

34  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1713  
citing authors

#	ARTICLE	IF	CITATIONS
1	Containment control with input and velocity constraints. <i>Automatica</i> , 2022, 142, 110417.	5.0	10
2	Cooperative control for multiple train systems: Self-adjusting zones, collision avoidance and constraints. <i>Automatica</i> , 2022, 144, 110470.	5.0	16
3	Containment Problem for Multiagent Systems With Nonconvex Velocity Constraints. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 4716-4721.	9.5	10
4	Angle-Based Analysis Approach for Distributed Constrained Optimization. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 5569-5576.	5.7	12
5	Position-constrained containment for second-order discrete-time multi-agent systems. <i>Systems and Control Letters</i> , 2020, 142, 104708.	2.3	15
6	Consensus problem for continuous-time multiagent systems with nonconvex control input and velocity constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 5418-5429.	3.7	5
7	Distributed containment control for first-order and second-order multiagent systems with arbitrarily bounded delays. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 6657-6657.	3.7	0
8	Distributed Continuous-time Optimization over Second-order Multi-agent Networks with Nonuniform Gains. , 2019, , .		4
9	Distributed Continuous-Time and Discrete-Time Optimization With Nonuniform Unbounded Convex Constraint Sets and Nonuniform Stepsizes. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 5148-5155.	5.7	56
10	Containment Control for Discrete-Time Multiagent Systems With Communication Delays and Switching Topologies. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 3827-3830.	9.5	42
11	Distributed Containment Control of Continuous-Time Multiagent Systems With Nonconvex Control Input Constraints. <i>IEEE Transactions on Industrial Electronics</i> , 2019, 66, 7927-7934.	7.9	42
12	Distributed containment control for first-order and second-order multiagent systems with arbitrarily bounded delays. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 1122-1131.	3.7	20
13	Distributed Optimization With Nonconvex Velocity Constraints, Nonuniform Position Constraints, and Nonuniform Stepsizes. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 2575-2582.	5.7	81
14	Multiagent Rendezvous With Shortest Distance to Convex Regions With Empty Intersection: Algorithms and Experiments. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 1026-1034.	9.5	22
15	Distributed consensus of second-order multiagent systems with nonconvex input constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 3657-3664.	3.7	51
16	Distributed Subgradient-Based Multiagent Optimization With More General Step Sizes. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 2295-2302.	5.7	29
17	Distributed Consensus of Second-Order Multiagent Systems With Nonconvex Velocity and Control Input Constraints. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 1171-1176.	5.7	101
18	Distributed rotating consensus of second-order multi-agent systems with nonuniform delays. <i>Systems and Control Letters</i> , 2018, 117, 18-22.	2.3	23



#	ARTICLE	IF	CITATIONS
37	Average consensus for networks of continuous-time agents with delayed information and jointly-connected topologies. , 2009, , .		3
38	Consensus of second-order discrete-time multi-agent systems with nonuniform time-delays and dynamically changing topologies. Automatica, 2009, 45, 2154-2158.	5.0	481
39	Average consensus in networks of multi-agents with both switching topology and coupling time-delay. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 303-313.	2.6	336
40	Distributed robust consensus control in directed networks of agents with time-delay. Systems and Control Letters, 2008, 57, 643-653.	2.3	539
41	Distributed control of multi-agent systems with second-order agent dynamics and delay-dependent communications. Asian Journal of Control, 2008, 10, 254-259.	3.0	55
42	Distributed leadless coordination for networks of second-order agents with time-delay on switching topology. , 2008, , .		16
43	Distributed consensus control for networks of second-order agents with switching topology and time-delay. , 2007, , .		33