

# Chao Sun

## List of Publications by Year in descending order

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times ranked

468  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Time-Varying Quadratic Optimization for Multiple Agents Under Undirected Graphs. IEEE Transactions on Automatic Control, 2017, 62, 3687-3694.	3.6	102
2	Robust Connectivity Preserving Rendezvous of Multirobot Systems Under Unknown Dynamics and Disturbances. IEEE Transactions on Control of Network Systems, 2017, 4, 725-735.	2.4	58
3	Controllability of Multiagent Networks With Antagonistic Interactions. IEEE Transactions on Automatic Control, 2017, 62, 5457-5462.	3.6	56
4	Distributed Economic Dispatch Control via Saddle Point Dynamics and Consensus Algorithms. IEEE Transactions on Control Systems Technology, 2019, 27, 898-905.	3.2	56
5	Robust consensus tracking for a class of high-order multi-agent systems. International Journal of Robust and Nonlinear Control, 2016, 26, 578-598.	2.1	43
6	Time-varying output formation control for linear multi-agent systems with switching topologies. International Journal of Robust and Nonlinear Control, 2016, 26, 3558-3579.	2.1	28
7	Time-Varying Optimization-Based Approach for Distributed Formation of Uncertain Euler-Lagrange Systems. IEEE Transactions on Cybernetics, 2022, 52, 5984-5998.	6.2	24
8	Distributed Continuous-time Resource Allocation with Time-varying Resources under Quadratic Cost Functions. , 2018, , .		19
9	Continuous-Time Penalty Methods for Nash Equilibrium Seeking of a Nonsmooth Generalized Noncooperative Game. IEEE Transactions on Automatic Control, 2021, 66, 4895-4902.	3.6	18
10	Distributed control for economic dispatch via saddle point dynamics and consensus algorithms. , 2016, , .		16
11	Fast finite-time consensus tracking for first-order multi-agent systems with unmodelled dynamics and disturbances. , 2014, , .		14
12	Distributed Optimization for Two Types of Heterogeneous Multiagent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1314-1324.	7.2	14
13	Robust connectivity preserving rendezvous of multi-robot systems under unknown dynamics and disturbances. , 2015, , .		12
14	Robust finite-time connectivity preserving consensus tracking and formation control for multi-agent systems. , 2017, , .		9
15	Distributed Nash Equilibrium Seeking for Generalized Convex Games with Shared Constraints. Journal of Physics: Conference Series, 2018, 1016, 012012.	0.3	5
16	Distributed Generalized Nash Equilibrium Seeking for Monotone Generalized Noncooperative Games by a Regularized Penalized Dynamical System. IEEE Transactions on Cybernetics, 2021, 51, 5532-5545.	6.2	5
17	Robust tracking control of an Euler-Lagrange system subject to uncertain friction and impact. , 2015, , .		4
18	Distributed Time-Varying Formation and Optimization for Uncertain Euler-Lagrange Systems. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	Distributed Time-Varying Formation and Optimization with Inequality Constraints of a Multi-Robot System. , 2019, , .		4
20	Robust consensus tracking for a class of high-order multi-agent systems. , 2014, , .		1
21	Distributed Generalized Nash Equilibrium Seeking of N-Coalition Games with Inequality Constraints. , 2021, , .		1
22	Distributed Nash Equilibrium Seeking for A Generalized Convex Game with Nonsmooth Objective Functions and Certain Nonsmooth Constraints <sup>^</sup> -. , 2018, , .		0
23	Adaptive Sliding Mode Control for Multi-agent Time-varying Formation Tracking with Dynamic Actuator Faults. , 2020, , .		0