Gang

List of Publications by Year
in descending order

45 papers	1,961 citations	304368 22 h-index	264894 42 g-index
45 all docs	45 docs citations	45 times ranked	1602 citing authors

#	Article	IF	Citations
1	Distributed Adaptive Tracking Control for Synchronization of Unknown Networked Lagrangian Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 805-816.	5.5	239
2	Finite-time distributed consensus via binary control protocols. Automatica, 2011, 47, 1962-1968.	3.0	236
3	Distributed Optimal Active Power Control of Multiple Generation Systems. IEEE Transactions on Industrial Electronics, 2015, 62, 7079-7090.	5.2	159
4	An ADMM-Based Distributed Algorithm for Economic Dispatch in Islanded Microgrids. IEEE Transactions on Industrial Informatics, 2018, 14, 3892-3903.	7.2	101
5	A fixed-time convergent algorithm for distributed convex optimization in multi-agent systems. Automatica, 2018, 95, 539-543.	3.0	101
6	Delay Effects on Consensus-Based Distributed Economic Dispatch Algorithm in Microgrid. IEEE Transactions on Power Systems, 2018, 33, 602-612.	4.6	98
7	Distributed Secondary and Optimal Active Power Sharing Control for Islanded Microgrids With Communication Delays. IEEE Transactions on Smart Grid, 2019, 10, 2002-2014.	6.2	86
8	Distributed Finite-Time Economic Dispatch of a Network of Energy Resources. IEEE Transactions on Smart Grid, 2016, , 1-11.	6.2	76
9	Distributed Fault-Tolerant Control of Networked Uncertain Euler–Lagrange Systems Under Actuator Faults. IEEE Transactions on Cybernetics, 2017, 47, 1706-1718.	6.2	74
10	Cooperative Tracking Control of Nonlinear Multiagent Systems Using Self-Structuring Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1496-1507.	7.2	71
11	Finite‐time cooperative‐tracking control for networked Euler–Lagrange systems. IET Control Theory and Applications, 2013, 7, 1487-1497.	1.2	65
12	Terminal Sliding Mode-Based Consensus Tracking Control for Networked Uncertain Mechanical Systems on Digraphs. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 749-756.	7.2	62
13	Robust fault-tolerant cooperative control of multi-agent systems: A constructive design method. Journal of the Franklin Institute, 2015, 352, 4045-4066.	1.9	59
14	Distributed secondary control and optimal power sharing in microgrids. IEEE/CAA Journal of Automatica Sinica, 2015, 2, 304-312.	8.5	50
15	Leader‐following control for multiple inertial agents. International Journal of Robust and Nonlinear Control, 2011, 21, 925-942.	2.1	39
16	Distributed event-triggered scheme for a convex optimization problem in multi-agent systems. Neurocomputing, 2018, 284, 90-98.	3.5	28
17	Robust consensus of multiple inertial agents with coupling delays and variable topologies. International Journal of Robust and Nonlinear Control, 2011, 21, 666-685.	2.1	27
18	Distributed adaptive output-feedback tracking control of non-affine multi-agent systems with prescribed performance. Journal of the Franklin Institute, 2018, 355, 6087-6110.	1.9	27

#	Article	IF	Citations
19	Distributed constrained optimization for multi-agent networks with nonsmooth objective functions. Systems and Control Letters, 2019, 124, 60-67.	1.3	27
20	Event-triggered fixed-time cooperative tracking control for uncertain nonlinear second-order multi-agent systems under directed network topology. Journal of the Franklin Institute, 2020, 357, 3345-3364.	1.9	26
21	Cooperative controller design for synchronization of networked uncertain Euler-Lagrange systems. International Journal of Robust and Nonlinear Control, 2015, 25, 1721-1738.	2.1	24
22	Distributed zero‐gradient‐sum algorithm for convex optimization with time‐varying communication delays and switching networks. International Journal of Robust and Nonlinear Control, 2018, 28, 4900-4915.	2.1	24
23	Initialization-Free Distributed Fixed-Time Convergent Algorithms for Optimal Resource Allocation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 845-854.	5.9	23
24	Predefined-Time Distributed Optimal Allocation of Resources: A Time-Base Generator Scheme. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 438-447.	5.9	23
25	A Distributed Continuous-Time Algorithm for Nonsmooth Constrained Optimization. IEEE Transactions on Automatic Control, 2020, 65, 4914-4921.	3.6	22
26	Distributed Finite-Step Iterative Algorithm for Economic Dispatch of Generation. IEEE Transactions on Industrial Informatics, 2018, 14, 5221-5232.	7.2	21
27	Distributed optimal resource allocation over strongly connected digraphs: A surplus-based approach. Automatica, 2021, 125, 109459.	3.0	21
28	Event-Triggered Optimal Active Power Control in Islanded Microgrid With Variable Demand and Time-Varying Communication Topology. IEEE Transactions on Smart Grid, 2019, 10, 4015-4025.	6.2	20
29	Observer-based distributed control and synchronization analysis of inverter-based nonlinear power systems. Nonlinear Dynamics, 2020, 99, 2161-2183.	2.7	14
30	Distributed dynamic event-triggered and practical predefined-time resource allocation in cyber‐physical systems. Automatica, 2022, 142, 110390.	3.0	14
31	Fixed-Time Projection Algorithm for Distributed Constrained Optimization on Time-Varying Digraphs. IEEE Transactions on Automatic Control, 2022, 67, 390-397.	3.6	12
32	Distributed Adaptive Control Scheme for Islanded AC Microgrids With Tolerance to Uncertain Communication Links. IEEE Systems Journal, 2022, 16, 2741-2752.	2.9	12
33	Primal-Dual Subgradient Algorithm for Distributed Constraint Optimization Over Unbalanced Digraphs. IEEE Access, 2019, 7, 85190-85202.	2.6	10
34	Coordination of networked systems on digraphs with multiple leaders via pinning control. International Journal of Systems Science, 2012, 43, 368-384.	3.7	9
35	Distributed Tracking Control for Networked Mechanical Systems. Asian Journal of Control, 2012, 14, 1459-1469.	1.9	9
36	Fixed-time consensus based distributed economic generation control in a smart grid. International Journal of Electrical Power and Energy Systems, 2022, 134, 107437.	3.3	9

#	Article	IF	Citations
37	Neural Network-Based Distributed Finite-Time Tracking Control of Uncertain Multi-Agent Systems With Full State Constraints. IEEE Access, 2020, 8, 174365-174374.	2.6	8
38	Distributed output–feedback finite–time tracking control of nonaffine nonlinear leader–follower multiagent systems. International Journal of Robust and Nonlinear Control, 2020, 30, 2977-2998.	2.1	7
39	Distributed adaptive tracking control of non-affine nonlinear multi-agent systems. , 2016, , .		6
40	A Distributed Algorithm for Economic Dispatch in Prescribed Time. IFAC-PapersOnLine, 2019, 52, 184-189.	0.5	6
41	Fully Distributed Optimal Position Control of Networked Uncertain Euler–Lagrange Systems Under Unbalanced Digraphs. IEEE Transactions on Cybernetics, 2022, 52, 10592-10603.	6.2	5
42	Distributed Event-based Algorithm for Economic Dispatch Problem over Digraph with Time delays. , 2018, , .		4
43	Distributed algorithms for resource allocation in cyber-physical energy systems with uniform/nonuniform communication delays. Journal of the Franklin Institute, 2020, 357, 4363-4391.	1.9	3
44	A communication–less distributed frequency restoration and economical active power control scheme for islanded AC microgrids. Optimal Control Applications and Methods, 2022, 43, 636-651.	1.3	3
45	Distributed Finite-Time Tracking Control of Non-affine Pure-Feedback Multi-agent Systems with Full State Constraints. , 2020, , .		1