

Peng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3015663/publications.pdf>

Version: 2024-02-01

53
papers

4,118
citations

218677

26
h-index

265206

42
g-index

53
all docs

53
docs citations

53
times ranked

1756
citing authors

#	ARTICLE	IF	CITATIONS
1	Containment Control With Different Constraints. IEEE Transactions on Control of Network Systems, 2023, 10, 579-585.	3.7	1
2	Consensus for Second-Order Discrete-Time Agents With Position Constraints and Delays. IEEE Transactions on Cybernetics, 2022, 52, 9736-9745.	9.5	7
3	Distributed Time-Varying Optimization With State-Dependent Gains: Algorithms and Experiments. IEEE Transactions on Control Systems Technology, 2022, 30, 416-425.	5.2	14
4	Cooperative control for multiple high-speed trains with constraints and acceleration zone under moving block system. International Journal of Robust and Nonlinear Control, 2022, 32, 3662-3673.	3.7	6
5	Containment control with input and velocity constraints. Automatica, 2022, 142, 110417.	5.0	10
6	Cooperative control for multiple train systems: Self-adjusting zones, collision avoidance and constraints. Automatica, 2022, 144, 110470.	5.0	16
7	Containment Problem for Multiagent Systems With Nonconvex Velocity Constraints. IEEE Transactions on Cybernetics, 2021, 51, 4716-4721.	9.5	10
8	Distributed Velocity and Input Constrained Tracking Control of High-Speed Train Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7882-7888.	9.3	17
9	Angle-Based Analysis Approach for Distributed Constrained Optimization. IEEE Transactions on Automatic Control, 2021, 66, 5569-5576.	5.7	12
10	Position-constrained containment for second-order discrete-time multi-agent systems. Systems and Control Letters, 2020, 142, 104708.	2.3	15
11	Consensus problem for continuous-time multiagent systems with nonconvex control input and velocity constraints. International Journal of Robust and Nonlinear Control, 2020, 30, 5418-5429.	3.7	5
12	Distributed containment control for first-order and second-order multiagent systems with arbitrarily bounded delays. International Journal of Robust and Nonlinear Control, 2019, 29, 6657-6657.	3.7	0
13	Distributed Continuous-time Optimization over Second-order Multi-agent Networks with Nonuniform Gains. , 2019, , .		4
14	Distributed Continuous-Time and Discrete-Time Optimization With Nonuniform Unbounded Convex Constraint Sets and Nonuniform Stepsizes. IEEE Transactions on Automatic Control, 2019, 64, 5148-5155.	5.7	56
15	Containment Control for Discrete-Time Multiagent Systems With Communication Delays and Switching Topologies. IEEE Transactions on Cybernetics, 2019, 49, 3827-3830.	9.5	42
16	Distributed Containment Control of Continuous-Time Multiagent Systems With Nonconvex Control Input Constraints. IEEE Transactions on Industrial Electronics, 2019, 66, 7927-7934.	7.9	42
17	Distributed containment control for first-order and second-order multiagent systems with arbitrarily bounded delays. International Journal of Robust and Nonlinear Control, 2019, 29, 1122-1131.	3.7	20
18	Distributed Optimization With Nonconvex Velocity Constraints, Nonuniform Position Constraints, and Nonuniform Stepsizes. IEEE Transactions on Automatic Control, 2019, 64, 2575-2582.	5.7	81

#	ARTICLE	IF	CITATIONS
19	Multiagent Rendezvous With Shortest Distance to Convex Regions With Empty Intersection: Algorithms and Experiments. IEEE Transactions on Cybernetics, 2019, 49, 1026-1034.	9.5	22
20	Distributed consensus of second-order multiagent systems with nonconvex input constraints. International Journal of Robust and Nonlinear Control, 2018, 28, 3657-3664.	3.7	51
21	Distributed Subgradient-Based Multiagent Optimization With More General Step Sizes. IEEE Transactions on Automatic Control, 2018, 63, 2295-2302.	5.7	29
22	Distributed Consensus of Second-Order Multiagent Systems With Nonconvex Velocity and Control Input Constraints. IEEE Transactions on Automatic Control, 2018, 63, 1171-1176.	5.7	101
23	Distributed rotating consensus of second-order multi-agent systems with nonuniform delays. Systems and Control Letters, 2018, 117, 18-22.	2.3	23
24	Distributed Velocity-Constrained Consensus of Discrete-Time Multi-Agent Systems With Nonconvex Constraints, Switching Topologies, and Delays. IEEE Transactions on Automatic Control, 2017, 62, 5788-5794.	5.7	139
25	A further result on consensus problems of second-order multi-agent systems with directed graphs, a moving mode and multiple delays. ISA Transactions, 2017, 71, 21-24.	5.7	12
26	Distributed Continuous-Time Optimization: Nonuniform Gradient Gains, Finite-Time Convergence, and Convex Constraint Set. IEEE Transactions on Automatic Control, 2017, 62, 2239-2253.	5.7	262
27	Distributed constrained consensus problem. Systems and Control Letters, 2017, 104, 45-48.	2.3	43
28	Distributed multi-agent optimization subject to nonidentical constraints and communication delays. Automatica, 2016, 65, 120-131.	5.0	182
29	Collective composite-rotating consensus of multi-agent systems. Chinese Physics B, 2014, 23, 040503.	1.4	5
30	Distributed nested rotating consensus problem of multi-agent systems. , 2014, , .		1
31	Consensus stability of a class of second-order multi-agent systems with nonuniform time-delays. Journal of the Franklin Institute, 2014, 351, 1571-1576.	3.4	38
32	Distributed optimization with the consideration of adaptivity and finite-time convergence. , 2014, , .		22
33	Constrained Consensus in Unbalanced Networks With Communication Delays. IEEE Transactions on Automatic Control, 2014, 59, 775-781.	5.7	157
34	Distributed velocity-constrained consensus of second-order multi-agent systems with switching topologies and delays. , 2013, , .		0
35	Distributed shortest distance consensus problem in multi-agent systems. , 2012, , .		7
36	Distributed subgradient projection algorithm for multi-agent optimization with nonidentical constraints and switching topologies. , 2012, , .		16

#	ARTICLE	IF	CITATIONS
37	Distributed constrained consensus in the presence of unbalanced switching graphs and communication delays. , 2012, , .		10
38	A new approach to average consensus problems with multiple time-delays and jointly-connected topologies. Journal of the Franklin Institute, 2012, 349, 293-304.	3.4	65
39	High-order multi-agent consensus with dynamically changing topologies and time-delays. IET Control Theory and Applications, 2011, 5, 976-981.	2.1	53
40	Multi-agent consensus with diverse time-delays and jointly-connected topologies. Automatica, 2011, 47, 848-856.	5.0	133
41	Collective rotating motions of second-order multi-agent systems in three-dimensional space. Systems and Control Letters, 2011, 60, 365-372.	2.3	70
42	Consensus of linear multi-agent systems with reduced-order observer-based protocols. Systems and Control Letters, 2011, 60, 510-516.	2.3	220
43	Robust H ∞ consensus analysis of a class of second-order multi-agent systems with uncertainty. IET Control Theory and Applications, 2010, 4, 487-498.	2.1	130
44	Distributed rotating formation control of multi-agent systems. Systems and Control Letters, 2010, 59, 587-595.	2.3	124
45	Consensus of a Class of Second-Order Multi-Agent Systems With Time-Delay and Jointly-Connected Topologies. IEEE Transactions on Automatic Control, 2010, 55, 778-784.	5.7	317
46	Average consensus for networks of continuous-time agents with delayed information and jointly-connected topologies. , 2009, , .		3
47	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
48	Further results on decentralised coordination in networks of agents with second-order dynamics. IET Control Theory and Applications, 2009, 3, 957-970.	2.1	65
49	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
50	Distributed robust consensus control in directed networks of agents with time-delay. Systems and Control Letters, 2008, 57, 643-653.	2.3	539
51	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
52	Distributed leadless coordination for networks of second-order agents with time-delay on switching topology. , 2008, , .		16
53	Distributed consensus control for networks of second-order agents with switching topology and time-delay. , 2007, , .		33