

Myoung-Chul Park

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,071
citations

1306789

7
h-index

1473754

9
g-index

24
all docs

24
docs citations

24
times ranked

1497
citing authors

#	ARTICLE	IF	CITATIONS
1	A survey of multi-agent formation control. <i>Automatica</i> , 2015, 53, 424-440.	3.0	1,730
2	Distributed stabilization control of rigid formations with prescribed orientation. <i>Automatica</i> , 2017, 78, 250-257.	3.0	67
3	Distance-Based Cycle-Free Persistent Formation: Global Convergence and Experimental Test With a Group of Quadcopters. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 380-389.	5.2	38
4	Distance-based formation control with a single moving leader. , 2014, , .		36
5	Stability analysis on four agent tetrahedral formations. , 2014, , .		28
6	Formation stabilization and resizing based on the control of inter-agent distances. <i>International Journal of Robust and Nonlinear Control</i> , 2015, 25, 2532-2546.	2.1	28
7	Distance-Based Control of $\{K\}_n$ Formations in General Space With Almost Global Convergence. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 2678-2685.	3.6	26
8	Comments on "Global stabilization of rigid formations in the plane [Automatica 49 (2013) 1436-1441]" <i>Automatica</i> , 2017, 77, 393-396.	3.0	16
9	Distance-based control of K_4 formation with almost global convergence. , 2016, , .		12
10	Modified gradient control for acyclic minimally persistent formations to escape from collinear position. , 2012, , .		11
11	Rigidity of distance-based formations with additional subtended-angle constraints. , 2017, , .		11
12	Distance-based acyclic minimally persistent formations with non-steepest descent control. <i>International Journal of Control, Automation and Systems</i> , 2016, 14, 163-173.	1.6	9
13	Finite-time convergence control for acyclic persistent formations. , 2014, , .		8
14	Stabilisation of directed cycle formations and application to two-wheeled mobile robots. <i>IET Control Theory and Applications</i> , 2015, 9, 1338-1346.	1.2	8
15	Exponential stabilization of infinitesimally rigid formations. , 2014, , .		7
16	Distance-based control of formations with orientation control. , 2015, , .		7
17	Further analysis on graph rigidity. , 2016, , .		7
18	Realization of distributed formation flying using a group of autonomous quadcopters and application to visual performance show. , 2016, , .		7

#	ARTICLE	IF	CITATIONS
19	Control of undirected four-agent formations in 3-dimensional space. , 2013, , .		4
20	Control of inter-agent distances in cyclic polygon formations. , 2012, , .		3
21	Nonholonomic control of distance-based cyclic polygon formation. , 2013, , .		3
22	Formation-scaling strategy for an acyclic triangular formation: Distance-based approach. , 2013, , .		2
23	Displacement estimation by range measurements and application to formation control. , 2015, , .		2
24	Distance-based Formation Control: Background, Principal Results and Issues. Journal of Institute of Control, Robotics and Systems, 2013, 19, 398-409.	0.1	1