Kwang-Kyo Oh

List of Publications by Year
in descending order

38	2,744	840585	642610
papers	citations	11	23
		h-index	g-index

38	38	38	1792
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Consensus Based Parallel Operation of Electric Motors Ensuring Speed Regulation and Load Torque Sharing. International Journal of Control, Automation and Systems, 2021, 19, 3111-3121.	1.6	5
2	Fixed‐time orientation estimation and network localisation of multi‐agent systems. IET Control Theory and Applications, 2021, 15, 64-76.	1.2	6
3	Topological Controllability of Undirected Networks of Diffusively-Coupled Agents. , 2019, , .		2
4	Design and voltage regulation of inductively coupled wireless power transfer circuits with an intermediate coil. IET Power Electronics, 2019, 12, 3488-3498.	1.5	2
5	Network Localization of Uniformly Connected Graph Using Orientation Estimation. , 2018, , .		1
6	Distributed Formation Control based on Orientation Alignment and Position Estimation. International Journal of Control, Automation and Systems, 2018, 16, 1112-1119.	1.6	10
7	Discussion on "A Modular Speed-Drooped System for High Reliability Integrated Modular Motor Drives". IEEE Transactions on Industry Applications, 2018, 54, 4992-4993.	3.3	3
8	Leader-follower type distance-based formation control of a group of autonomous agents. International Journal of Control, Automation and Systems, 2017, 15, 1738-1745.	1.6	26
9	Jerk-Limited Time-Optimal Reference Trajectory Generation for Robot Actuators. International Journal of Fuzzy Logic and Intelligent Systems, 2017, 17, 264-271.	0.6	5
10	Guidance using bearing-only measurements with three beacons in the plane. Control Engineering Practice, 2016, 51, 81-91.	3.2	19
11	Distributed coordination and control of multiple photovoltaic generators for power distribution in a microgrid. Automatica, 2016, 73, 193-199.	3.0	7
12	Bearing-Only Control of Leader First Follower Formations**This work was supported by the National Research Foundation of Korea under Grant NRF-2015M2A8A4049953.. IFAC-PapersOnLine, 2016, 49, 7-12.	0.5	11
13	Consensus of generalized integrators: Convergence rate and disturbance attenuation property. Automatica, 2016, 65, 115-119.	3.0	2
14	Consensus of positive real systems cascaded with a single integrator. International Journal of Robust and Nonlinear Control, 2015, 25, 418-429.	2.1	17
15	Non-Trivial Output Synchronization of Heterogeneous Passive Systems. IEEE Transactions on Automatic Control, 2015, 60, 3322-3327.	3.6	8
16	Coordination and control for energy distribution in distributed grid networks: Theory and application to power dispatch problem. Control Engineering Practice, 2015, 43, 21-38.	3.2	28
17	A survey of multi-agent formation control. Automatica, 2015, 53, 424-440.	3.0	1,730
18	Finite-time convergence control for acyclic persistent formations. , 2014, , .		8

#	ARTICLE	IF	CITATIONS
19	Distance-based undirected formations of single-integrator and double-integrator modeled agents in <i>n</i> -dimensional space. International Journal of Robust and Nonlinear Control, 2014, 24, 1809-1820.	2.1	165
20	Formation Control and Network Localization via Orientation Alignment. IEEE Transactions on Automatic Control, 2014, 59, 540-545.	3.6	152
21	Disturbance Attenuation in a Consensus Network of Identical Linear Systems: An $ {cal H}_{infty }$ Approach. IEEE Transactions on Automatic Control, 2014, 59, 2164-2169.	3.6	39
22	Nonholonomic control of distance-based cyclic polygon formation. , 2013, , .		3
23	Formation Control of Mobile Agents Based on Distributed Position Estimation. IEEE Transactions on Automatic Control, 2013, 58, 737-742.	3.6	99
24	Stability and Stabilization of Fractional-Order Linear Systems Subject to Input Saturation. IEEE Transactions on Automatic Control, 2013, 58, 1062-1067.	3.6	107
25	Passivityâ€based output synchronisation of portâ€controlled Hamiltonian and general linear interconnected systems. IET Control Theory and Applications, 2013, 7, 234-245.	1.2	9
26	Distance-based Formation Control: Background, Principal Results and Issues. Journal of Institute of Control, Robotics and Systems, 2013, 19, 398-409.	0.1	1
27	Power distribution with consensus. , 2012, , .		4
28	Formation control of mobile agents without an initial common sense of orientation. , 2012, , .		13
29	Modified gradient control for acyclic minimally persistent formations to escape from collinear position. , 2012, , .		11
30	Control of inter-agent distances in cyclic polygon formations. , 2012, , .		3
31	Orientation alignment based formation control in multi-agent systems. , 2012, , .		2
32	Distance-based formation control using euclidean distance dynamics matrix: Three-agent case. , 2011, , .		7
33	Distance-based formation control using Euclidean distance dynamics matrix: General cases. , 2011, , .		3
34	Formation control of mobile agent groups based on localization. , 2011, , .		6
35	Formation control of mobile agents based on inter-agent distance dynamics. Automatica, 2011, 47, 2306-2312.	3.0	202
36	Command coordination in multi-agent formation: Euclidean distance matrix approaches. , 2010, , .		7

#	Article	IF	Citations
37	Distance-based sequential formation control of mobile agents by using motion primitives. , 2010, , .		3
38	A survey of formation of mobile agents. , 2010, , .		18