Hongkeun Kim

List of Publications by Year
in descending order

18 papers	1,019 citations	1307594 7 h-index	1281871 11 g-index
18 all docs	18 docs citations	18 times ranked	919 citing authors

#	Article	IF	Citations
1	Output Consensus of Heterogeneous Uncertain Linear Multi-Agent Systems. IEEE Transactions on Automatic Control, 2011, 56, 200-206.	5.7	600
2	Neural network-based output feedback control for reference tracking of underactuated surface vessels. Automatica, 2017, 77, 353-359.	5.0	201
3	Consensus of output-coupled linear multi-agent systems under fast switching network: Averaging approach. Automatica, 2013, 49, 267-272.	5.0	96
4	Consensus of output-coupled high-order linear multi-agent systems under deterministic and Markovian switching networks. International Journal of Systems Science, 2015, 46, 1790-1799.	5.5	24
5	Design of stable parallel feedforward compensator and its application to synchronization problem. Automatica, 2016, 64, 208-216.	5.0	22
6	Adaptation and disturbance rejection for output synchronization of incrementally output–feedback passive systems. International Journal of Robust and Nonlinear Control, 2017, 27, 4071-4088.	3.7	19
7	Consensus of output-coupled linear multi-agent systems under frequently connected network. , 2010, , .		17
8	A note on the differential regulator equation for non-minimum phase linear systems with time-varying exosystems. Automatica, 2010, 46, 605-609.	5.0	8
9	Consensus of Multi-Agent Systems Under Periodic Time-Varying Network *. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 155-160.	0.4	6
10	Stabilizability of a group of single integrators and its application to decentralized formation problem. , 2011, , .		6
11	Output synchronization of Lur'e-type nonlinear systems in the presence of input disturbances. , 2015, , .		6
12	A simple noise reduction disturbance observer and Q-filter design for internal stability. , 2013, , .		5
13	Synchronization of Lur'e-type nonlinear systems in linear dynamical networks having fast convergence rate and large DC gain. Systems and Control Letters, 2020, 138, 104641.	2.3	5
14	Locally optimal and globally inverse optimal controller for multi-input nonlinear systems. , 2008, , .		2
15	Controller design for consensus of non-uniform rank systems with switching topology and relative output measurements. International Journal of Control, Automation and Systems, 2014, 12, 777-785.	2.7	1
16	Necessary and sufficient characterisation for output synchronisation of linear heterogeneous agents using reflexive generalised inverses. IET Control Theory and Applications, 2018, 12, 2534-2540.	2.1	1
17	Design of output feedback controller for consensus of linear systems having non-uniform ranks With switching topology. , 2013, , .		0
18	Class-$\mathcal{K}$ Function Bounds for Positive Definite Functions on Compact Sets. International Journal of Control, Automation and Systems, 2019, 17, 2550-2555.	2.7	0