

Hongkeun Kim

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,019
citations

1307594

7
h-index

1281871

11
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18
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18
docs citations

18
times ranked

919
citing authors

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