Jin Gyu Lee

List of Publications by Year
in descending order

16 papers	**115** citations	2258059 **3** h-index	1872680 **6** g-index
16 all docs	**16** docs citations	**16** times ranked	**59** citing authors

#	Article	IF	Citations
1	Design of Heterogeneous Multi-agent SystemÂfor Distributed Computation. Lecture Notes in Control and Information Sciences, 2022, , 83-108.	1.0	3
2	Mixed analogâ€"digital method of designing a heterogeneous network with the desired collective behavior and rapid convergence. Systems and Control Letters, 2022, 160, 105126.	2.3	0
3	Synchronization with prescribed transient behavior: Heterogeneous multi-agent systems under funnel coupling. Automatica, 2022, 141, 110276.	5.0	11
4	A Distributed Algorithm That Finds Almost Best Possible Estimate Under Non-Vanishing and Time-Varying Measurement Noise. , 2020, 4, 229-234.		5
5	Fully Distributed Resilient State Estimation Based on Distributed Median Solver. IEEE Transactions on Automatic Control, 2020, 65, 3935-3942.	5.7	35
6	A tool for analysis and synthesis of heterogeneous multi-agent systems under rank-deficient coupling. Automatica, 2020, 117, 108952.	5.0	28
7	Utility of Edge-wise Funnel Coupling for Asymptotically Solving Distributed Consensus Optimization. , 2020, , .		5
8	Simultaneous distributed localization, mapping and formation control of mobile robots based on local relative measurements. IFAC-PapersOnLine, 2020, 53, 9614-9620.	0.9	2
9	Rapid synchronization under weak synaptic coupling. , 2020, , .		2
10	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
11	Asymptotic Tracking via Funnel Control. , 2019, , .		10
12	Behavior of a network of heterogeneous LiÃ©nard systems under strong output coupling. IFAC-PapersOnLine, 2019, 52, 256-261.	0.9	2
13	Heterogeneous Van der Pol Oscillators under Strong Coupling. , 2018, , .		2
14	Local Identification of Sensor Attack and Distributed Resilient State Estimation for Linear Systems. , 2018, , .		10
15	Three-dimensional time-space grid allocation algorithm for traffic control of autonomous vehicles at an intersection. , 2015, , .		0
16	Consensus under time-delayed information on states and network. , 2014, , .		0