Ji-Woong Lee

List of Publications by Year
in descending order

		1162889	887953
40 papers	548 citations	8 h-index	17 g-index
41 all docs	41 docs citations	41 times ranked	270 citing authors

#	Article	IF	Citations
1	Structurally sound networks of control systems. , 2017, , .		1
2	Operator sum representation for Markov transition models of human inference processes. , 2016, , .		1
3	Information-space partitioning and symbolization of multi-dimensional time-series data using density estimation. , 2016, , .		4
4	Algorithms for Context Learning and Information Representation for Multi-Sensor Teams. Advances in Computer Vision and Pattern Recognition, 2016, , 403-427.	0.9	3
5	Learning context-aware measurement models. , 2015, , .		7
6	Constrained quadratic control of discrete-time piecewise affine systems. , 2015, , .		2
7	Optimal Distributed Finite-Time Consensus On Unknown Undirected Graphs. IEEE Transactions on Control of Network Systems, 2015, 2, 323-334.	2.4	7
8	Dynamic context-aware sensor selection for sequential hypothesis testing. , 2014, , .		5
9	State-feedback stabilization of discrete-time piecewise affine systems. , 2014, , .		3
10	Path-by-path output regulation of switched systems with a receding horizon of modal knowledge. , 2014, , .		3
11	Control of Linear Switched Systems With Receding Horizon Modal Information. IEEE Transactions on Automatic Control, 2014, 59, 2340-2352.	3.6	31
12	Dynamic feedback synthesis for finite-time consensus under unknown directed graphs. , 2013, , .		0
13	Optimal distributed consensus on unknown undirected graphs. , 2012, , .		6
14	An exact convex solution to receding horizon control. , 2012, , .		5
15	Robust stability and performance analysis of discrete-time piecewise affine systems with disturbances. , 2012, , .		7
16	Stability and Transient Performance of Discrete-Time Piecewise Affine Systems. IEEE Transactions on Automatic Control, 2012, 57, 936-949.	3.6	18
17	Supervisory Control and Measurement Scheduling for Discrete-Time Linear Systems. IEEE Transactions on Automatic Control, 2011, 56, 873-879.	3.6	9
18	Joint synthesis of switching and feedback for linear systems in discrete time. , 2011, , .		4

#	ARTICLE	IF	CITATIONS
19	Finite-state simulations and bisimulations for discrete-time piecewise affine systems. , 2011, , .		3
20	Optimal synthesis for finite-time consensus under fixed graphs. , 2011, , .		3
21	On stability and performance analysis of discrete-time piecewise affine systems. , 2010, , .		2
22	Equivalent conditions for uniform asymptotic consensus among distributed agents. , 2010, , .		7
23	Polytopic linear parameter-varying model of epileptiform activity. , 2010, , .		1
24	On stability characterization of discrete-time piecewise linear systems. , 2010, , .		2
25	A computational stability analysis of discrete-time piecewise linear systems. , 2009, , .		11
26	Distribution-free consistency of empirical risk minimization and support vector regression. Mathematics of Control, Signals, and Systems, 2009, 21, 111-125.	1.4	3
27	Dynamic Decentralized Sequential Detection Under Uniformly Distributed Observations. IEEE Transactions on Automatic Control, 2009, 54, 2707-2714.	3.6	1
28	Infinite-Horizon Joint LQG Synthesis of Switching and Feedback in Discrete Time. IEEE Transactions on Automatic Control, 2009, 54, 1945-1951.	3.6	12
29	Inequality-Based Properties of Detectability and Stabilizability of Linear Time-Varying Systems in Discrete Time. IEEE Transactions on Automatic Control, 2009, 54, 634-641.	3.6	5
30	Detectability and Stabilizability of Discrete-Time Switched Linear Systems. IEEE Transactions on Automatic Control, 2009, 54, 424-437.	3.6	41
31	Uniform Consensus among Self-driven Particles. Lecture Notes in Computer Science, 2009, , 252-261.	1.0	7
32	Dynamic sequential team multi-hypothesis testing under uniformly distributed nonstationary observations. Systems and Control Letters, 2008, 57, 1030-1036.	1.3	3
33	Optimal Output Regulation for Discrete-Time Switched and Markovian Jump Linear Systems. SIAM Journal on Control and Optimization, 2008, 47, 40-72.	1.1	65
34	Path-by-path optimal control of switched and Markovian jump linear systems. , 2008, , .		3
35	Output Variance–Constrained LQG Control of Discrete-Time Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 2508-2513.	0.4	0
36	Separation in Stability Analysis of Piecewise Linear Systems in Discrete Time. Lecture Notes in Computer Science, 2008, , 626-629.	1.0	5

#	Article	IF	Citations
37	An output regulation problem for switched linear systems in discrete time. , 2007, , .		8
38	Uniformly Stabilizing Sets of Switching Sequences for Switched Linear Systems. IEEE Transactions on Automatic Control, 2007, 52, 868-874.	3.6	54
39	Constrained Infinite-Horizon Linear Quadratic Regulation of Discrete-Time Systems. IEEE Transactions on Automatic Control, 2007, 52, 1951-1958.	3.6	8
40	Uniform stabilization of discrete-time switched and Markovian jump linear systems. Automatica, 2006, 42, 205-218.	3.0	187