Ju H Park

List of Publications by Year in Descending Order

101 papers	5,149 citations	43 h-index	71 g-index
107 ext. papers	6,106 ext. citations	5.2 avg, IF	6.8 L-index

#	Paper	IF	Citations
101	State-based Dynamic Event-Triggered Observer for One-sided Lipschitz Nonlinear Systems with Disturbances. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2022**, 1-1	3.5	0
100	Synchronization of Derivative Coupled CDNs with Hybrid Impulses **2022**, 161-182		
99	Novel Adaptive Event-Triggered Fuzzy Command Filter Control for Slowly Switched Nonlinear Systems With Constraints. *IEEE Transactions on Cybernetics*, **2022**, 1-12	10.2	1
98	Intelligent Control of Performance Constrained Switched Nonlinear Systems With Random Noises and Its Application: An Event-Driven Approach. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2022**, 1-12	3.9	0
97	Adaptive Event-Triggered Synchronization of Reaction-Diffusion Neural Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 3723-3735	10.3	5
96	Tracking control design for interval type-2 fuzzy nonlinear unreliable networked control systems. *Journal of the Franklin Institute*, **2021**, 358, 4159-4177	4	5
95	State-based event-triggered consensus strategy for Takagi-Sugeno fuzzy fractional-order multiagent systems with switching topologies. *ISA Transactions*, **2021**,	5.5	2
94	Robust fuzzy delayed sampled-data control for nonlinear active suspension systems with varying vehicle load and frequency-domain constraint. *Nonlinear Dynamics*, **2021**, 105, 2265-2281	5	2
93	Dissipativity-Based Sampled-Data Control for Fuzzy Switched Markovian Jump Systems. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 1325-1339	8.3	51
92	Fault tolerant sampled-data H_{∞} control for networked control systems with probabilistic time-varying delay. *Information Sciences*, **2021**, 544, 395-414	7.7	15
91	Quantized Static Output Feedback Fuzzy Tracking Control for Discrete-Time Nonlinear Networked Systems With Asynchronous Event-Triggered Constraints. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 3820-3831	7.3	70
90	Sampled-Data-Based $\mathcal{H}_{\infty}$ fuzzy pinning synchronization of complex networked systems with adaptive event-triggered communications. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	1
89	Fuzzy-Model-Based $l_{2}-l_{\infty}$ Filtering for Discrete-Time Semi-Markov Jump Nonlinear Systems Using Semi-Markov Kernel. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	3
88	Neural network-based event-triggered fault detection for nonlinear Markov jump system with frequency specifications. *Nonlinear Dynamics*, **2021**, 103, 2671	5	5
87	Synchronization of coupled reaction-diffusion stochastic neural networks with time-varying delay via delay-dependent impulsive pinning control algorithm. *Communications in Nonlinear Science and Numerical Simulation*, **2021**, 99, 105777	3.7	1
86	An improved stability criterion of neural networks with time-varying delays in the form of quadratic function using novel geometry-based conditions. *Applied Mathematics and Computation*, **2021**, 404, 126226	2.7	6
85	Stability analysis for delayed neural networks via an improved negative-definiteness lemma. *Information Sciences*, **2021**, 576, 756-768	7.7	0

84	Enhanced Switching Stabilization of Discrete-Time Takagi–Sugeno Fuzzy Systems: Reducing the Conservatism and Alleviating the Online Computational Burden. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	8
83	A hidden mode observation approach to finite-time SOFC of Markovian switching systems with quantization. *Nonlinear Dynamics*, **2020**, 100, 509-521	5	66
82	Improved Stability Criteria for Delayed Neural Networks Using a Quadratic Function Negative-Definiteness Approach. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, PP,	10.3	8
81	Finite-time adaptive control of high-order nonlinear systems with unknown control coefficients and actuator fault. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 7750-7765	3.6	1
80	An Improved Fuzzy Event-Triggered Asynchronous Dissipative Control to TS FMJSs With Nonperiodic Sampled Data. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	6
79	A novel approach to synchronization conditions for delayed chaotic Lur'e systems with state sampled-data quantized controller. *Journal of the Franklin Institute*, **2020**, 357, 9811-9833	4	7
78	$\mathcal{H}_{\infty}$ Synchronization for Fuzzy Markov Jump Chaotic Systems With Piecewise-Constant Transition Probabilities Subject to PDT Switching Rule. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	91
77	Enhanced Stabilization of Discrete-Time Takagi-Sugeno Fuzzy Systems Based on a Comprehensive Real-Time Scheduling Model. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-12	7.3	8
76	Event-triggered Switching-type Fault Detection and Isolation for Fuzzy Control Systems under DoS Attacks. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	13
75	Event-Triggered Consensus Control for Networked Underactuated Robotic Systems. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	9
74	Delay-Dependent Stability Analysis for Switched Stochastic Networks With Proportional Delay. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	1
73	Dissipative Fuzzy Tracking Control for Nonlinear Networked Systems With Quantization. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 5130-5141	7.3	39
72	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 3470-3480	7.3	43
71	An Improved Fuzzy Sampled-Data Control to Stabilization of T-S Fuzzy Systems With State Delays. *IEEE Transactions on Cybernetics*, **2020**, 50, 3125-3135	10.2	32
70	Estimation for a Class of Parameter-Controlled Tunnel Diode Circuits. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 4697-4707	7.3	30
69	Improved criteria for the stabilization of T-S fuzzy systems with actuator failures via a sampled-data fuzzy controller. *Fuzzy Sets and Systems*, **2020**, 392, 154-169	3.7	15
68	Event-triggered synchronization control of networked Euler-Lagrange systems without requiring relative velocity information. *Information Sciences*, **2020**, 508, 183-199	7.7	18
67	New results for sampled-data control of interval type-2 fuzzy nonlinear systems. *Journal of the Franklin Institute*, **2020**, 357, 121-141	4	33

66	Robust Guaranteed Cost Control Under Digital Communication Channels. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 319-327	11.9	54
65	Finite frequency fault detection for a class of nonhomogeneous Markov jump systems with nonlinearities and sensor failures. *Nonlinear Dynamics*, **2019**, 96, 285-299	5	20
64	On stability analysis of random impulsive and switching neural networks. *Neurocomputing*, **2019**, 350, 146-154	5.4	7
63	New approaches to stability analysis for time-varying delay systems. *Journal of the Franklin Institute* , **2019**, 356, 4174-4189	4	13
62	Pinning Event-Triggered Sampling Control for Synchronization of TS Fuzzy Complex Networks With Partial and Discrete-Time Couplings. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 2368-2380	8.3	33
61	Recent Advances in Control and Filtering of Dynamic Systems with Constrained Signals. *Studies in Systems, Decision and Control*, **2019**,	0.8	49
60	Fuzzy Resilient Energy-to-Peak Filter Design for Continuous-Time Nonlinear Systems. *Studies in Systems, Decision and Control*, **2019**, 119-139	0.8	2
59	A New Approach to Stabilization of Chaotic Systems With Nonfragile Fuzzy Proportional Retarded Sampled-Data Control. *IEEE Transactions on Cybernetics*, **2019**, 49, 3218-3229	10.2	38
58	Static output feedback control of switched systems with quantization: A nonhomogeneous sojourn probability approach. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 5992-6005	3.6	74
57	Global adaptive finite-time control for uncertain nonlinear systems with actuator faults and unknown control directions. *Nonlinear Dynamics*, **2019**, 97, 2533-2545	5	13
56	Design of Dissipative Filter for Delayed Nonlinear Interconnected Systems via Takagi-Sugeno Fuzzy Modelling **2019**, 271-293		
55	$(\mathscr{H}_{\infty})$ Control for the Stabilization of Neural Networks with Time-Varying Delay **2019**, 179-198		
54	Stability Analysis for Neural Networks with Time-Varying Delay **2019**, 155-176		
53	Design of Dynamic Controller for the Synchronization of Complex Dynamical Networks with a Coupling Delay **2019**, 211-235		
52	Network-Based $(\mathscr{H}_{\infty})$ State Estimation for Neural Networks Using Limited Measurement. *Studies in Systems, Decision and Control*, **2019**, 193-210	0.8	
51	Stabilization of Chaotic Systems With TS Fuzzy Model and Nonuniform Sampling: A Switched Fuzzy Control Approach. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 1263-1271	8.3	36
50	Fuzzy Generalized $(\mathscr{H}_2)$ Filtering for Nonlinear Discrete-Time Systems With Measurement Quantization. *Studies in Systems, Decision and Control*, **2019**, 141-171	0.8	
49	Event-Based Reliable Dissipative Filtering for TS Fuzzy Systems With Asynchronous Constraints. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 2089-2098	8.3	83

48	Fuzzy-model-based H∞control for discrete-time switched systems with quantized feedback and unreliable links. *Information Sciences*, **2018**, 436-437, 181-196	7.7	39
47	Fuzzy Generalized $\mathcal{H}_{2}$ Filtering for Nonlinear Discrete-Time Systems With Measurement Quantization. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2419-2430	7.7	69
46	Nonfragile Exponential Synchronization of Delayed Complex Dynamical Networks With Memory Sampled-Data Control. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 118-128	10.3	156
45	An Asynchronous Operation Approach to Event-Triggered Control for Fuzzy Markovian Jump Systems With General Switching Policies. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 6-18	8.3	191
44	New Methods of Fuzzy Sampled-Data Control for Stabilization of Chaotic Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2026-2034	7.3	90
43	Further Results on Stabilization of Chaotic Systems Based on Fuzzy Memory Sampled-Data Control. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 1040-1045	8.3	130
42	A new method for exponential synchronization of memristive recurrent neural networks. *Information Sciences*, **2018**, 466, 152-169	7.7	26
41	Quantized Sampled-Data Control for Synchronization of Inertial Neural Networks With Heterogeneous Time-Varying Delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 6385-6395	10.3	74
40	Exponential stability of switched Markovian jumping neutral-type systems with generally incomplete transition rates. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 1583-1596	3.6	25
39	Stability Analysis of Neural Networks With Time-Varying Delay by Constructing Novel Lyapunov Functionals. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 4238-4247	10.3	73
38	A Flexible Terminal Approach to Sampled-Data Exponentially Synchronization of Markovian Neural Networks With Time-Varying Delayed Signals. *IEEE Transactions on Cybernetics*, **2018**, 48, 2232-2244	10.2	143
37	Event-triggered dissipative synchronization for Markovian jump neural networks with general transition probabilities. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 3893-3908	3.6	34
36	Fuzzy model-based nonfragile control of switched discrete-time systems. *Nonlinear Dynamics*, **2018**, 93, 2461-2471	5	45
35	Extended Dissipative State Estimation for Markov Jump Neural Networks With Unreliable Links. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 346-358	10.3	349
34	Finite-time H∞fuzzy control of nonlinear Markovian jump delayed systems with partly uncertain transition descriptions. *Fuzzy Sets and Systems*, **2017**, 314, 99-115	3.7	149
33	Finite-time guaranteed cost control for Itô Stochastic Markovian jump systems with incomplete transition rates. *International Journal of Robust and Nonlinear Control*, **2017**, 27, 66-83	3.6	56
32	Stability Analysis of Sampled-Data Systems via Free-Matrix-Based Time-Dependent Discontinuous Lyapunov Approach. *IEEE Transactions on Automatic Control*, **2017**, 62, 3653-3657	5.9	151
31	Transmission-Dependent Fault Detection and Isolation Strategy for Networked Systems Under Finite Capacity Channels. *IEEE Transactions on Cybernetics*, **2017**, 47, 2266-2278	10.2	34

30	Improved criteria for sampled-data synchronization of chaotic Lure systems using two new approaches. *Nonlinear Analysis: Hybrid Systems*, **2017**, 24, 132-145	4.5	123
29	Event-triggered reliable control for Markovian jump systems subject to nonuniform sampled data. *Journal of the Franklin Institute*, **2017**, 354, 5877-5894	4	7
28	Anti-windup design for stochastic Markovian switching systems with mode-dependent time-varying delays and saturation nonlinearity. *Nonlinear Analysis: Hybrid Systems*, **2017**, 26, 201-211	4.5	38
27	. *IEEE Transactions on Fuzzy Systems*, **2017**, 25, 1576-1588	8.3	107
26	Fault estimation for discrete-time switched nonlinear systems with discrete and distributed delays. *International Journal of Robust and Nonlinear Control*, **2016**, 26, 3755-3771	3.6	37
25	A Separated Approach to Control of Markov Jump Nonlinear Systems With General Transition Probabilities. *IEEE Transactions on Cybernetics*, **2016**, 46, 2010-8	10.2	111
24	On stability criteria for neural networks with time-varying delay using Wirtinger-based multiple integral inequality. *Journal of the Franklin Institute*, **2015**, 352, 5627-5645	4	72
23	Stability and dissipativity analysis of static neural networks with interval time-varying delay. *Journal of the Franklin Institute*, **2015**, 352, 1284-1295	4	93
22	New augmented Lyapunov–Krasovskii functional approach to stability analysis of neural networks with time-varying delays. *Nonlinear Dynamics*, **2014**, 76, 221-236	5	76
21	New results on delay-dependent stability analysis and stabilization for stochastic time-delay systems. *International Journal of Robust and Nonlinear Control*, **2014**, 24, 2546-2559	3.6	29
20	H_∞ tracking of uncertain stochastic time-delay systems: Memory state-feedback controller design. *Applied Mathematics and Computation*, **2014**, 249, 356-370	2.7	24
19	Finite-time synchronization control for uncertain Markov jump neural networks with input constraints. *Nonlinear Dynamics*, **2014**, 77, 1709-1720	5	132
18	Extended dissipative analysis for neural networks with time-varying delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2014**, 25, 1936-41	10.3	149
17	Finite-time reliable L2 L_∞/H_∞ control for Takagi–Sugeno fuzzy systems with actuator faults. *IET Control Theory and Applications*, **2014**, 8, 688-696	2.5	96
16	Delay fractioning approach to robust exponential stability of fuzzy Cohen–Grossberg neural networks. *Applied Mathematics and Computation*, **2014**, 230, 451-463	2.7	42
15	New results on delay-dependent stability analysis for neutral stochastic delay systems. *Journal of the Franklin Institute*, **2013**, 350, 840-852	4	52
14	Stability for neural networks with time-varying delays via some new approaches. *IEEE Transactions on Neural Networks and Learning Systems*, **2013**, 24, 181-93	10.3	163
13	Robust synchronisation of chaotic systems with randomly occurring uncertainties via stochastic sampled-data control. *International Journal of Control*, **2013**, 86, 107-119	1.5	124

LIST OF PUBLICATIONS

12	Analysis on delay-dependent stability for neural networks with time-varying delays. *Neurocomputing*, **2013**, 103, 114-120	5.4	84
11	Passivity analysis of Markov jump neural networks with mixed time-delays and piecewise-constant transition rates. *Nonlinear Analysis: Real World Applications*, **2012**, 13, 2423-2431	2.1	46
10	Augmented Lyapunov-Krasovskii functional approaches to robust stability criteria for uncertain Takagi-Sugeno fuzzy systems with time-varying delays. *Fuzzy Sets and Systems*, **2012**, 201, 1-19	3.7	77
9	Synchronization for chaotic Lure systems with sector-restricted nonlinearities via delayed feedback control. *Nonlinear Dynamics*, **2010**, 59, 277-288	5	65
8	LMI optimization approach on stability for delayed neural networks of neutral-type. *Applied Mathematics and Computation*, **2008**, 196, 236-244	2.7	143
7	A new stability criterion for bidirectional associative memory neural networks of neutral-type. *Applied Mathematics and Computation*, **2008**, 199, 716-722	2.7	159
6	H∞synchronization of time-delayed chaotic systems. *Applied Mathematics and Computation*, **2008**, 204, 170-177	2.7	72
5	Adaptive synchronization of Genesio-Tesi chaotic system via a novel feedback control. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2007**, 371, 263-270	2.3	50
4	On the design of observer-based controller of linear neutral delay-differential systems. *Applied Mathematics and Computation*, **2004**, 150, 195-202	2.7	38
3	On improved delay-dependent robust control for uncertain time-delay systems. *IEEE Transactions on Automatic Control*, **2004**, 49, 1991-1995	5.9	67
2	Robust Decentralized Stabilization of Uncertain Large-Scale Discrete-Time Systems with Delays. *Journal of Optimization Theory and Applications*, **2002**, 113, 105-119	1.6	20
1	Event-triggered fault-tolerant control for nonlinear systems with semi-Markov process. *International Journal of Control*,1-11	1.5	1