

# Ju H Park

## List of Publications by Year in descending order

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101  
papers

6,907  
citations

41344

49  
h-index

58581

82  
g-index

107  
all docs

107  
docs citations

107  
times ranked

2856  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault-tolerant control for T-S fuzzy systems with an aperiodic adaptive event-triggered sampling. Fuzzy Sets and Systems, 2023, 452, 23-41.	2.7	8
2	Novel Adaptive Event-Triggered Fuzzy Command Filter Control for Slowly Switched Nonlinear Systems With Constraints. IEEE Transactions on Cybernetics, 2023, 53, 5755-5766.	9.5	10
3	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, 2022, 52, 881-892.	9.3	18
4	Event-Triggered Consensus Control for Networked Underactuated Robotic Systems. IEEE Transactions on Cybernetics, 2022, 52, 2896-2906.	9.5	30
5	Delay-Dependent Stability Analysis for Switched Stochastic Networks With Proportional Delay. IEEE Transactions on Cybernetics, 2022, 52, 6369-6378.	9.5	7
6	Sampled-Data-Based $H_{\infty}$ Fuzzy Pinning Synchronization of Complex Networked Systems With Adaptive Event-Triggered Communications. IEEE Transactions on Fuzzy Systems, 2022, 30, 2254-2265.	9.8	12
7	Model-Based Fuzzy $L_2$ - $L_{\infty}$ Filtering for Discrete-Time Semi-Markov Jump Nonlinear Systems Using Semi-Markov Kernel. IEEE Transactions on Fuzzy Systems, 2022, 30, 2289-2299.	9.8	25
8	Event-triggered fault-tolerant control for nonlinear systems with semi-Markov process. International Journal of Control, 2022, 95, 2315-2325.	1.9	2
9	State-based event-triggered consensus strategy for Takagi-Sugeno fuzzy fractional-order multiagent systems with switching topologies. ISA Transactions, 2022, 126, 109-120.	5.7	10
10	Synchronization of Derivative Coupled CDNs with Hybrid Impulses. , 2022, , 161-182.		0
11	Improved Stability Criteria for Delayed Neural Networks Using a Quadratic Function Negative-Definiteness Approach. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1348-1354.	11.3	31
12	State-Based Dynamic Event-Triggered Observer for One-Sided Lipschitz Nonlinear Systems With Disturbances. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2326-2330.	3.0	2
13	Exponential synchronization of the switched uncertain neural networks with mixed delays based on sampled-data control. Journal of the Franklin Institute, 2022, 359, 2259-2282.	3.4	19
14	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, 69, 3736-3747.	5.4	5
15	An Improved Fuzzy Event-Triggered Asynchronous Dissipative Control to Tâ€™S FMJSs With Nonperiodic Sampled Data. IEEE Transactions on Fuzzy Systems, 2021, 29, 2926-2937.	9.8	22
16	$H_{\infty}$ Synchronization for Fuzzy Markov Jump Chaotic Systems With Piecewise-Constant Transition Probabilities Subject to PDT Switching Rule. IEEE Transactions on Fuzzy Systems, 2021, 29, 3082-3092.	9.8	221
17	Event-Triggered Switching-Type Fault Detection and Isolation for Fuzzy Control Systems Under DoS Attacks. IEEE Transactions on Fuzzy Systems, 2021, 29, 3401-3414.	9.8	35
18	Adaptive Event-Triggered Synchronization of Reaction-Diffusion Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3723-3735.	11.3	26

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19	Enhanced Switching Stabilization of Discrete-Time Takagi-Sugeno Fuzzy Systems: Reducing the Conservatism and Alleviating the Online Computational Burden. IEEE Transactions on Fuzzy Systems, 2021, 29, 2419-2424.	9.8	18
20	Dissipativity-Based Sampled-Data Control for Fuzzy Switched Markovian Jump Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 1325-1339.	9.8	83
21	Fault tolerant sampled-data $H_\infty$ control for networked control systems with probabilistic time-varying delay. Information Sciences, 2021, 544, 395-414.	6.9	4
22	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.	9.3	152
23	Neural network-based event-triggered fault detection for nonlinear Markov jump system with frequency specifications. Nonlinear Dynamics, 2021, 103, 2671-2687.	5.2	17
24	Tracking control design for interval type-2 fuzzy nonlinear unreliable networked control systems. Journal of the Franklin Institute, 2021, 358, 4159-4177.	3.4	11
25	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	15
26	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.	3.3	26
27	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.	2.2	13
28	Stability analysis for delayed neural networks via an improved negative-definiteness lemma. Information Sciences, 2021, 576, 756-768.	6.9	8
29	Dissipative Fuzzy Tracking Control for Nonlinear Networked Systems With Quantization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 5130-5141.	9.3	62
30	Adaptive Fault-Tolerant Control of Uncertain Switched Nonaffine Nonlinear Systems With Actuator Faults and Time Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3470-3480.	9.3	76
31	An Improved Fuzzy Sampled-Data Control to Stabilization of T-S Fuzzy Systems With State Delays. IEEE Transactions on Cybernetics, 2020, 50, 3125-3135.	9.5	60
32	Estimation for a Class of Parameter-Controlled Tunnel Diode Circuits. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4697-4707.	9.3	35
33	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.	2.7	33
34	Event-triggered synchronization control of networked Euler-Lagrange systems without requiring relative velocity information. Information Sciences, 2020, 508, 183-199.	6.9	31
35	New results for sampled-data control of interval type-2 fuzzy nonlinear systems. Journal of the Franklin Institute, 2020, 357, 121-141.	3.4	51
36	Robust Guaranteed Cost Control Under Digital Communication Channels. IEEE Transactions on Industrial Informatics, 2020, 16, 319-327.	11.3	75

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37	Finite-time adaptive control of high-order nonlinear systems with unknown control coefficients and actuator fault. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 7750-7765.	3.7	7
38	A novel approach to synchronization conditions for delayed chaotic Lur'e systems with state sampled-data quantized controller. <i>Journal of the Franklin Institute</i> , 2020, 357, 9811-9833.	3.4	16
39	A hidden mode observation approach to finite-time SOFC of Markovian switching systems with quantization. <i>Nonlinear Dynamics</i> , 2020, 100, 509-521.	5.2	83
40	Recent Advances in Control and Filtering of Dynamic Systems with Constrained Signals. <i>Studies in Systems, Decision and Control</i> , 2019, , .	1.0	59
41	Fuzzy Resilient Energy-to-Peak Filter Design for Continuous-Time Nonlinear Systems. <i>Studies in Systems, Decision and Control</i> , 2019, , 119-139.	1.0	2
42	A New Approach to Stabilization of Chaotic Systems With Nonfragile Fuzzy Proportional Retarded Sampled-Data Control. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 3218-3229.	9.5	69
43	Static output feedback control of switched systems with quantization: A nonhomogeneous sojourn probability approach. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 5992-6005.	3.7	84
44	Global adaptive finite-time control for uncertain nonlinear systems with actuator faults and unknown control directions. <i>Nonlinear Dynamics</i> , 2019, 97, 2533-2545.	5.2	24
45	Finite frequency fault detection for a class of nonhomogeneous Markov jump systems with nonlinearities and sensor failures. <i>Nonlinear Dynamics</i> , 2019, 96, 285-299.	5.2	26
46	On stability analysis of random impulsive and switching neural networks. <i>Neurocomputing</i> , 2019, 350, 146-154.	5.9	14
47	New approaches to stability analysis for time-varying delay systems. <i>Journal of the Franklin Institute</i> , 2019, 356, 4174-4189.	3.4	20
48	Pinning Event-Triggered Sampling Control for Synchronization of $\mathbb{T}^s$ Fuzzy Complex Networks With Partial and Discrete-Time Couplings. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 2368-2380.	9.8	45
49	Stabilization of Chaotic Systems With $\mathbb{T}^s$ Fuzzy Model and Nonuniform Sampling: A Switched Fuzzy Control Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 1263-1271.	9.8	62
50	Design of Dissipative Filter for Delayed Nonlinear Interconnected Systems via Takagi-Sugeno Fuzzy Modelling. , 2019, , 271-293.		0
51	Stability Analysis for Neural Networks with Time-Varying Delay. , 2019, , 155-176.		0
52	Design of Dynamic Controller for the Synchronization of Complex Dynamical Networks with a Coupling Delay. , 2019, , 211-235.		0
53	Event-Based Reliable Dissipative Filtering for $\mathbb{T}^s$ Fuzzy Systems With Asynchronous Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 2089-2098.	9.8	108
54	Fuzzy-model-based $H_\infty$ control for discrete-time switched systems with quantized feedback and unreliable links. <i>Information Sciences</i> , 2018, 436-437, 181-196.	6.9	45

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55	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.	9.3	89
56	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.	11.3	184
57	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.	9.8	234
58	New Methods of Fuzzy Sampled-Data Control for Stabilization of Chaotic Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2026-2034.	9.3	122
59	Further Results on Stabilization of Chaotic Systems Based on Fuzzy Memory Sampled-Data Control. IEEE Transactions on Fuzzy Systems, 2018, 26, 1040-1045.	9.8	176
60	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.	3.7	28
61	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.	11.3	104
62	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.	9.5	162
63	Event-triggered dissipative synchronization for Markovian jump neural networks with general transition probabilities. International Journal of Robust and Nonlinear Control, 2018, 28, 3893-3908.	3.7	46
64	Fuzzy model-based nonfragile control of switched discrete-time systems. Nonlinear Dynamics, 2018, 93, 2461-2471.	5.2	50
65	A new method for exponential synchronization of memristive recurrent neural networks. Information Sciences, 2018, 466, 152-169.	6.9	35
66	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.	11.3	94
67	Extended Dissipative State Estimation for Markov Jump Neural Networks With Unreliable Links. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 346-358.	11.3	406
68	Finite-time fuzzy control of nonlinear Markovian jump delayed systems with partly uncertain transition descriptions. Fuzzy Sets and Systems, 2017, 314, 99-115.	3.7	62
69	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.	3.7	62
70	Stability Analysis of Sampled-Data Systems via Free-Matrix-Based Time-Dependent Discontinuous Lyapunov Approach. IEEE Transactions on Automatic Control, 2017, 62, 3653-3657.	5.7	213
71	Transmission-Dependent Fault Detection and Isolation Strategy for Networked Systems Under Finite Capacity Channels. IEEE Transactions on Cybernetics, 2017, 47, 2266-2278.	9.5	39
72	Improved criteria for sampled-data synchronization of chaotic Lur'e systems using two new approaches. Nonlinear Analysis: Hybrid Systems, 2017, 24, 132-145.	3.5	152

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73	Event-triggered reliable control for Markovian jump systems subject to nonuniform sampled data. Journal of the Franklin Institute, 2017, 354, 5877-5894.	3.4	9
74	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.	3.5	43
75	Fuzzy Resilient Energy-to-Peak Filtering for Continuous-Time Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 1576-1588.	9.8	133
76	Fault estimation for discrete-time switched nonlinear systems with discrete and distributed delays. International Journal of Robust and Nonlinear Control, 2016, 26, 3755-3771.	3.7	55
77	A Separated Approach to Control of Markov Jump Nonlinear Systems With General Transition Probabilities. IEEE Transactions on Cybernetics, 2016, 46, 2010-2018.	9.5	134
78	Stability and dissipativity analysis of static neural networks with interval time-varying delay. Journal of the Franklin Institute, 2015, 352, 1284-1295.	3.4	117
79	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.	3.4	82
80	Finite-time reliable $H_2$ control for Takagi-Sugeno fuzzy systems with actuator faults. IET Control Theory and Applications, 2014, 8, 688-696.	2.1	101
81	Delay fractioning approach to robust exponential stability of fuzzy Cohen-Grossberg neural networks. Applied Mathematics and Computation, 2014, 230, 451-463.	2.2	47
82	New augmented Lyapunov-Krasovskii functional approach to stability analysis of neural networks with time-varying delays. Nonlinear Dynamics, 2014, 76, 221-236.	5.2	95
83	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.	3.7	39
84	Tracking of uncertain stochastic time-delay systems: Memory state-feedback controller design. Applied Mathematics and Computation, 2014, 249, 356-370.	2.2	101
85	Finite-time synchronization control for uncertain Markov jump neural networks with input constraints. Nonlinear Dynamics, 2014, 77, 1709-1720.	5.2	148
86	Extended Dissipative Analysis for Neural Networks With Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1936-1941.	11.3	169
87	New results on delay-dependent stability analysis for neutral stochastic delay systems. Journal of the Franklin Institute, 2013, 350, 840-852.	3.4	64
88	Stability for Neural Networks With Time-Varying Delays via Some New Approaches. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 181-193.	11.3	208
89	Robust synchronisation of chaotic systems with randomly occurring uncertainties via stochastic sampled-data control. International Journal of Control, 2013, 86, 107-119.	1.9	138
90	Analysis on delay-dependent stability for neural networks with time-varying delays. Neurocomputing, 2013, 103, 114-120.	5.9	100

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91	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.	2.7	98
92	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.	1.7	51
93	Synchronization for chaotic Lurme systems with sector-restricted nonlinearities via delayed feedback control. Nonlinear Dynamics, 2010, 59, 277-288.	5.2	67
94	LMI optimization approach on stability for delayed neural networks of neutral-type. Applied Mathematics and Computation, 2008, 196, 236-244.	2.2	165
95	A new stability criterion for bidirectional associative memory neural networks of neutral-type. Applied Mathematics and Computation, 2008, 199, 716-722.	2.2	171
96	synchronization of time-delayed chaotic systems. Applied Mathematics and Computation, 2008, 204, 170-177.	2.2	78
97	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.	2.1	67
98	Design of Dynamic Output-Feedback Controller for Stabilization of Uncertain Neutral Systems. , 2006, , .		0
99	On the design of observer-based controller of linear neutral delay-differential systems. Applied Mathematics and Computation, 2004, 150, 195-202.	2.2	45
100	On Improved Delay-Dependent Robust Control for Uncertain Time-Delay Systems. IEEE Transactions on Automatic Control, 2004, 49, 1991-1995.	5.7	102
101	Robust Decentralized Stabilization of Uncertain Large-Scale Discrete-Time Systems with Delays. Journal of Optimization Theory and Applications, 2002, 113, 105-119.	1.5	24