Ju H Park

List of Publications by Year
in descending order

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	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
2	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
3	$\mathcal{H}_{\infty}$ Synchronization for Fuzzy Markov Jump Chaotic Systems With Piecewise-Constant Transition Probabilities Subject to PDT Switching Rule. IEEE Transactions on Fuzzy Systems, 2021, 29, 3082-3092.	9.8	221
4	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
5	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
6	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
7	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
8	Finite-time H_{∞} fuzzy control of nonlinear Markovian jump delayed systems with partly uncertain transition descriptions. Fuzzy Sets and Systems, 2017, 314, 99-115.	2.7	173
9	A new stability criterion for bidirectional associative memory neural networks of neutral-type. Applied Mathematics and Computation, 2008, 199, 716-722.	2.2	171
10	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
11	LMI optimization approach on stability for delayed neural networks of neutral-type. Applied Mathematics and Computation, 2008, 196, 236-244.	2.2	165
12	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
13	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
14	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
15	Finite-time synchronization control for uncertain Markov jump neural networks with input constraints. Nonlinear Dynamics, 2014, 77, 1709-1720.	5.2	148
16	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
17	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
18	Fuzzy Resilient Energy-to-Peak Filtering for Continuous-Time Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 1576-1588.	9.8	133

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19	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
20	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
21	Event-Based Reliable Dissipative Filtering for Tâ€"S Fuzzy Systems With Asynchronous Constraints. IEEE Transactions on Fuzzy Systems, 2018, 26, 2089-2098.	9.8	108
22	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
23	On Improved Delay-Dependent Robust Control for Uncertain Time-Delay Systems. IEEE Transactions on Automatic Control, 2004, 49, 1991-1995.	5.7	102
24	Finiteâ€time reliable $\mathcal{L}_2$ â€"â€" $_\infty$ /$_\infty$ control for Takagiâ€"Sugeno fuzzy systems with actuator faults. IET Control Theory and Applications, 2014, 8, 688-696.	2.1	101
25	Analysis on delay-dependent stability for neural networks with time-varying delays. Neurocomputing, 2013, 103, 114-120.	5.9	100
26	Augmented Lyapunovâ€"Krasovskii functional approaches to robust stability criteria for uncertain Takagiâ€"Sugeno fuzzy systems with time-varying delays. Fuzzy Sets and Systems, 2012, 201, 1-19.	2.7	98
27	New augmented Lyapunovâ€"Krasovskii functional approach to stability analysis of neural networks with time-varying delays. Nonlinear Dynamics, 2014, 76, 221-236.	5.2	95
28	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
29	Fuzzy Generalized <inline-formula> <tex-math notation="LaTeX">$\mathcal{H}_{2}$ </tex-math> </inline-formula> Filtering for Nonlinear Discrete-Time Systems With Measurement Quantization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2419-2430.	9.3	89
30	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.	3.7	84
31	A hidden mode observation approach to finite-time SOFC of Markovian switching systems with quantization. Nonlinear Dynamics, 2020, 100, 509-521.	5.2	83
32	Dissipativity-Based Sampled-Data Control for Fuzzy Switched Markovian Jump Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 1325-1339.	9.8	83
33	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
34	synchronization of time-delayed chaotic systems. Applied Mathematics and Computation, 2008, 204, 170-177.	2.2	78
35	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
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	A New Approach to Stabilization of Chaotic Systems With Nonfragile Fuzzy Proportional Retarded Sampled-Data Control. IEEE Transactions on Cybernetics, 2019, 49, 3218-3229.	9.5	69
38	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
39	Synchronization for chaotic Lur'e systems with sector-restricted nonlinearities via delayed feedback control. Nonlinear Dynamics, 2010, 59, 277-288.	5.2	67
40	New results on delay-dependent stability analysis for neutral stochastic delay systems. Journal of the Franklin Institute, 2013, 350, 840-852.	3.4	64
41	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
42	Stabilization of Chaotic Systems With T–S Fuzzy Model and Nonuniform Sampling: A Switched Fuzzy Control Approach. IEEE Transactions on Fuzzy Systems, 2019, 27, 1263-1271.	9.8	62
43	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
44	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
45	Recent Advances in Control and Filtering of Dynamic Systems with Constrained Signals. Studies in Systems, Decision and Control, 2019, , .	1.0	59
46	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
47	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
48	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
49	Fuzzy model-based nonfragile control of switched discrete-time systems. Nonlinear Dynamics, 2018, 93, 2461-2471.	5.2	50
50	Delay fractioning approach to robust exponential stability of fuzzy Cohen–Grossberg neural networks. Applied Mathematics and Computation, 2014, 230, 451-463.	2.2	47
51	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
52	On the design of observer-based controller of linear neutral delay-differential systems. Applied Mathematics and Computation, 2004, 150, 195-202.	2.2	45
53	Fuzzy-model-based H∞ control for discrete-time switched systems with quantized feedback and unreliable links. Information Sciences, 2018, 436-437, 181-196.	6.9	45
54	Pinning Event-Triggered Sampling Control for Synchronization of T–S Fuzzy Complex Networks With Partial and Discrete-Time Couplings. IEEE Transactions on Fuzzy Systems, 2019, 27, 2368-2380.	9.8	45

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55	Fault tolerant sampled-data $\mathcal{H}_\infty$ control for networked control systems with probabilistic time-varying delay. Information Sciences, 2021, 544, 395-414.	6.9	44
56	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
57	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
58	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
59	A new method for exponential synchronization of memristive recurrent neural networks. Information Sciences, 2018, 466, 152-169.	6.9	35
60	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
61	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
62	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
63	$\mathcal{H}_\infty$ tracking of uncertain stochastic time-delay systems: Memory state-feedback controller design. Applied Mathematics and Computation, 2014, 242, 356-370.	2.2	31
64	Event-triggered synchronization control of networked Euler-Lagrange systems without requiring relative velocity information. Information Sciences, 2020, 508, 183-199.	6.9	31
65	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
66	Event-Triggered Consensus Control for Networked Underactuated Robotic Systems. IEEE Transactions on Cybernetics, 2022, 52, 2896-2906.	9.5	30
67	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
68	Finite frequency fault detection for a class of nonhomogeneous Markov jump systems with nonlinearities and sensor failures. Nonlinear Dynamics, 2019, 96, 285-299.	5.2	26
69	Adaptive Event-Triggered Synchronization of Reaction–Diffusion Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3723-3735.	11.3	26
70	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
71	Model-Based Fuzzy l_{2}-l_{∞} 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
72	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

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73	Global adaptive finite-time control for uncertain nonlinear systems with actuator faults and unknown control directions. Nonlinear Dynamics, 2019, 97, 2533-2545.	5.2	24
74	An Improved Fuzzy Event-Triggered Asynchronous Dissipative Control to T–S FMJSs With Nonperiodic Sampled Data. IEEE Transactions on Fuzzy Systems, 2021, 29, 2926-2937.	9.8	22
75	New approaches to stability analysis for time-varying delay systems. Journal of the Franklin Institute, 2019, 356, 4174-4189.	3.4	20
76	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
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, 2022, 52, 881-892.	9.3	18
78	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
79	Neural network-based event-triggered fault detection for nonlinear Markov jump system with frequency specifications. Nonlinear Dynamics, 2021, 103, 2671-2687.	5.2	17
80	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.	3.4	16
81	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
82	On stability analysis of random impulsive and switching neural networks. Neurocomputing, 2019, 350, 146-154.	5.9	14
83	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
84	Sampled-Data-Based $\mathcal{H}_{\infty}$ Fuzzy Pinning Synchronization of Complex Networked Systems With Adaptive Event-Triggered Communications. IEEE Transactions on Fuzzy Systems, 2022, 30, 2254-2265.	9.8	12
85	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
86	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
87	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
88	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
89	Stability analysis for delayed neural networks via an improved negative-definiteness lemma. Information Sciences, 2021, 576, 756-768.	6.9	8
90	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

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91	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.	3.7	7
92	Delay-Dependent Stability Analysis for Switched Stochastic Networks With Proportional Delay. IEEE Transactions on Cybernetics, 2022, 52, 6369-6378.	9.5	7
93	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
94	Fuzzy Resilient Energy-to-Peak Filter Design for Continuous-Time Nonlinear Systems. Studies in Systems, Decision and Control, 2019, , 119-139.	1.0	2
95	Event-triggered fault-tolerant control for nonlinear systems with semi-Markov process. International Journal of Control, 2022, 95, 2315-2325.	1.9	2
96	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
97	Design of Dynamic Output-Feedback Controller for Stabilization of Uncertain Neutral Systems. , 2006, , .		0
98	Synchronization of Derivative Coupled CDNs with Hybrid Impulses. , 2022, , 161-182.		0
99	Design of Dissipative Filter for Delayed Nonlinear Interconnected Systems via Takagi-Sugeno Fuzzy Modelling. , 2019, , 271-293.		0
100	Stability Analysis for Neural Networks with Time-Varying Delay. , 2019, , 155-176.		0
101	Design of Dynamic Controller for the Synchronization of Complex Dynamical Networks with a Coupling Delay. , 2019, , 211-235.		0