

Ju H Park

List of Publications by Year in descending order

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101
papers

6,907
citations

41258

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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.	7.2	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.	6.5	234
3	\mathcal{H}_∞ 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.	6.5	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.	3.6	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.	7.2	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.	7.2	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.	6.5	176
8	Finite-time H_∞ synchronization of nonlinear Markovian jump delayed systems with partly uncertain transition descriptions. Fuzzy Sets and Systems, 2017, 314, 99-115.	1.6	173
9	A new stability criterion for bidirectional associative memory neural networks of neutral-type. Applied Mathematics and Computation, 2008, 199, 716-722.	1.4	171
10	Extended Dissipative Analysis for Neural Networks With Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1936-1941.	7.2	169
11	LMI optimization approach on stability for delayed neural networks of neutral-type. Applied Mathematics and Computation, 2008, 196, 236-244.	1.4	165
12	A Flexible Terminal Approach to Sampled-Data Exponential Synchronization of Markovian Neural Networks With Time-Varying Delayed Signals. IEEE Transactions on Cybernetics, 2018, 48, 2232-2244.	6.2	162
13	Improved criteria for sampled-data synchronization of chaotic Lur \hat{e} systems using two new approaches. Nonlinear Analysis: Hybrid Systems, 2017, 24, 132-145.	2.1	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.	5.9	152
15	Finite-time synchronization control for uncertain Markov jump neural networks with input constraints. Nonlinear Dynamics, 2014, 77, 1709-1720.	2.7	148
16	Robust synchronisation of chaotic systems with randomly occurring uncertainties via stochastic sampled-data control. International Journal of Control, 2013, 86, 107-119.	1.2	138
17	A Separated Approach to Control of Markov Jump Nonlinear Systems With General Transition Probabilities. IEEE Transactions on Cybernetics, 2016, 46, 2010-2018.	6.2	134
18	Fuzzy Resilient Energy-to-Peak Filtering for Continuous-Time Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 1576-1588.	6.5	133

#	ARTICLE	IF	CITATIONS
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.	5.9	122
20	Stability and dissipativity analysis of static neural networks with interval time-varying delay. Journal of the Franklin Institute, 2015, 352, 1284-1295.	1.9	117
21	Event-Based Reliable Dissipative Filtering for Tâ€™S Fuzzy Systems With Asynchronous Constraints. IEEE Transactions on Fuzzy Systems, 2018, 26, 2089-2098.	6.5	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.	7.2	104
23	On Improved Delay-Dependent Robust Control for Uncertain Time-Delay Systems. IEEE Transactions on Automatic Control, 2004, 49, 1991-1995.	3.6	102
24	Finite-time reliable H_2 control for Takagi-Sugeno fuzzy systems with actuator faults. IET Control Theory and Applications, 2014, 8, 688-696.	1.2	101
25	Analysis on delay-dependent stability for neural networks with time-varying delays. Neurocomputing, 2013, 103, 114-120.	3.5	100
26	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.	1.6	98
27	New augmented Lyapunov-Krasovskii functional approach to stability analysis of neural networks with time-varying delays. Nonlinear Dynamics, 2014, 76, 221-236.	2.7	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.	7.2	94
29	Fuzzy Generalized H_2 Filtering for Nonlinear Discrete-Time Systems With Measurement Quantization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2419-2430.	5.9	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.	2.1	84
31	A hidden mode observation approach to finite-time SOFC of Markovian switching systems with quantization. Nonlinear Dynamics, 2020, 100, 509-521.	2.7	83
32	Dissipativity-Based Sampled-Data Control for Fuzzy Switched Markovian Jump Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 1325-1339.	6.5	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.	1.9	82
34	synchronization of time-delayed chaotic systems. Applied Mathematics and Computation, 2008, 204, 170-177.	1.4	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.	5.9	76
36	Robust Guaranteed Cost Control Under Digital Communication Channels. IEEE Transactions on Industrial Informatics, 2020, 16, 319-327.	7.2	75

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37	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.	6.2	69
38	Adaptive synchronization of Genesio's chaotic system via a novel feedback control. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 371, 263-270.	0.9	67
39	Synchronization for chaotic Lur'e systems with sector-restricted nonlinearities via delayed feedback control. <i>Nonlinear Dynamics</i> , 2010, 59, 277-288.	2.7	67
40	New results on delay-dependent stability analysis for neutral stochastic delay systems. <i>Journal of the Franklin Institute</i> , 2013, 350, 840-852.	1.9	64
41	Finite-time guaranteed cost control for Itô's Stochastic Markovian jump systems with incomplete transition rates. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 66-83.	2.1	62
42	Stabilization of Chaotic Systems With T-S Fuzzy Model and Nonuniform Sampling: A Switched Fuzzy Control Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 1263-1271.	6.5	62
43	Dissipative Fuzzy Tracking Control for Nonlinear Networked Systems With Quantization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 5130-5141.	5.9	62
44	An Improved Fuzzy Sampled-Data Control to Stabilization of T-S Fuzzy Systems With State Delays. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 3125-3135.	6.2	60
45	Recent Advances in Control and Filtering of Dynamic Systems with Constrained Signals. <i>Studies in Systems, Decision and Control</i> , 2019, , .	0.8	59
46	Fault estimation for discrete-time switched nonlinear systems with discrete and distributed delays. <i>International Journal of Robust and Nonlinear Control</i> , 2016, 26, 3755-3771.	2.1	55
47	Passivity analysis of Markov jump neural networks with mixed time-delays and piecewise-constant transition rates. <i>Nonlinear Analysis: Real World Applications</i> , 2012, 13, 2423-2431.	0.9	51
48	New results for sampled-data control of interval type-2 fuzzy nonlinear systems. <i>Journal of the Franklin Institute</i> , 2020, 357, 121-141.	1.9	51
49	Fuzzy model-based nonfragile control of switched discrete-time systems. <i>Nonlinear Dynamics</i> , 2018, 93, 2461-2471.	2.7	50
50	Delay fractioning approach to robust exponential stability of fuzzy Cohen-Grossberg neural networks. <i>Applied Mathematics and Computation</i> , 2014, 230, 451-463.	1.4	47
51	Event-triggered dissipative synchronization for Markovian jump neural networks with general transition probabilities. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 3893-3908.	2.1	46
52	On the design of observer-based controller of linear neutral delay-differential systems. <i>Applied Mathematics and Computation</i> , 2004, 150, 195-202.	1.4	45
53	Fuzzy-model-based H _∞ control for discrete-time switched systems with quantized feedback and unreliable links. <i>Information Sciences</i> , 2018, 436-437, 181-196.	4.0	45
54	Pinning Event-Triggered Sampling Control for Synchronization of T-S Fuzzy Complex Networks With Partial and Discrete-Time Couplings. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 2368-2380.	6.5	45

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55	Fault tolerant sampled-data \mathcal{H}_∞ control for networked control systems with probabilistic time-varying delay. Information Sciences, 2021, 544, 395-414.	4.0	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.	2.1	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.	2.1	39
58	Transmission-Dependent Fault Detection and Isolation Strategy for Networked Systems Under Finite Capacity Channels. IEEE Transactions on Cybernetics, 2017, 47, 2266-2278.	6.2	39
59	A new method for exponential synchronization of memristive recurrent neural networks. Information Sciences, 2018, 466, 152-169.	4.0	35
60	Estimation for a Class of Parameter-Controlled Tunnel Diode Circuits. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4697-4707.	5.9	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.	6.5	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.	1.6	33
63	Tracking of uncertain stochastic time-delay systems: Memory state-feedback controller design. Applied Mathematics and Computation, 2014, 249, 356-370.	4.0	31
64	Event-triggered synchronization control of networked Euler-Lagrange systems without requiring relative velocity information. Information Sciences, 2020, 508, 183-199.	4.0	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.	7.2	31
66	Event-Triggered Consensus Control for Networked Underactuated Robotic Systems. IEEE Transactions on Cybernetics, 2022, 52, 2896-2906.	6.2	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.	2.1	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.	2.7	26
69	Adaptive Event-Triggered Synchronization of Reaction-Diffusion Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3723-3735.	7.2	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.	1.7	26
71	Model-Based Fuzzy \mathcal{H}_∞ Filtering for Discrete-Time Semi-Markov Jump Nonlinear Systems Using Semi-Markov Kernel. IEEE Transactions on Fuzzy Systems, 2022, 30, 2289-2299.	6.5	25
72	Robust Decentralized Stabilization of Uncertain Large-Scale Discrete-Time Systems with Delays. Journal of Optimization Theory and Applications, 2002, 113, 105-119.	0.8	24

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73	Global adaptive finite-time control for uncertain nonlinear systems with actuator faults and unknown control directions. <i>Nonlinear Dynamics</i> , 2019, 97, 2533-2545.	2.7	24
74	An Improved Fuzzy Event-Triggered Asynchronous Dissipative Control to Tâ€™S FMJSs With Nonperiodic Sampled Data. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 2926-2937.	6.5	22
75	New approaches to stability analysis for time-varying delay systems. <i>Journal of the Franklin Institute</i> , 2019, 356, 4174-4189.	1.9	20
76	Exponential synchronization of the switched uncertain neural networks with mixed delays based on sampled-data control. <i>Journal of the Franklin Institute</i> , 2022, 359, 2259-2282.	1.9	19
77	Enhanced Stabilization of Discrete-Time Takagiâ€™Sugeno Fuzzy Systems Based on a Comprehensive Real-Time Scheduling Model. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 881-892.	5.9	18
78	Enhanced Switching Stabilization of Discrete-Time Takagiâ€™Sugeno Fuzzy Systems: Reducing the Conservatism and Alleviating the Online Computational Burden. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 2419-2424.	6.5	18
79	Neural network-based event-triggered fault detection for nonlinear Markov jump system with frequency specifications. <i>Nonlinear Dynamics</i> , 2021, 103, 2671-2687.	2.7	17
80	A novel approach to synchronization conditions for delayed chaotic Lurâ€™e systems with state sampled-data quantized controller. <i>Journal of the Franklin Institute</i> , 2020, 357, 9811-9833.	1.9	16
81	Robust fuzzy delayed sampled-data control for nonlinear active suspension systems with varying vehicle load and frequency-domain constraint. <i>Nonlinear Dynamics</i> , 2021, 105, 2265-2281.	2.7	15
82	On stability analysis of random impulsive and switching neural networks. <i>Neurocomputing</i> , 2019, 350, 146-154.	3.5	14
83	An improved stability criterion of neural networks with time-varying delays in the form of quadratic function using novel geometry-based conditions. <i>Applied Mathematics and Computation</i> , 2021, 404, 126226.	1.4	13
84	Sampled-Data-Based \mathcal{H}_∞ Fuzzy Pinning Synchronization of Complex Networked Systems With Adaptive Event-Triggered Communications. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 2254-2265.	6.5	12
85	Tracking control design for interval type-2 fuzzy nonlinear unreliable networked control systems. <i>Journal of the Franklin Institute</i> , 2021, 358, 4159-4177.	1.9	11
86	State-based event-triggered consensus strategy for Takagiâ€™Sugeno fuzzy fractional-order multiagent systems with switching topologies. <i>ISA Transactions</i> , 2022, 126, 109-120.	3.1	10
87	Novel Adaptive Event-Triggered Fuzzy Command Filter Control for Slowly Switched Nonlinear Systems With Constraints. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 5755-5766.	6.2	10
88	Event-triggered reliable control for Markovian jump systems subject to nonuniform sampled data. <i>Journal of the Franklin Institute</i> , 2017, 354, 5877-5894.	1.9	9
89	Stability analysis for delayed neural networks via an improved negative-definiteness lemma. <i>Information Sciences</i> , 2021, 576, 756-768.	4.0	8
90	Fault-tolerant control for T-S fuzzy systems with an aperiodic adaptive event-triggered sampling. <i>Fuzzy Sets and Systems</i> , 2023, 452, 23-41.	1.6	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.	2.1	7
92	Delay-Dependent Stability Analysis for Switched Stochastic Networks With Proportional Delay. IEEE Transactions on Cybernetics, 2022, 52, 6369-6378.	6.2	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.	3.5	5
94	Fuzzy Resilient Energy-to-Peak Filter Design for Continuous-Time Nonlinear Systems. Studies in Systems, Decision and Control, 2019, , 119-139.	0.8	2
95	Event-triggered fault-tolerant control for nonlinear systems with semi-Markov process. International Journal of Control, 2022, 95, 2315-2325.	1.2	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.	2.2	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