

R Vadivel

List of Publications by Year in descending order

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36
papers

610
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times ranked

453
citing authors

#	ARTICLE	IF	CITATIONS
1	Decentralized event-triggered synchronization of uncertain Markovian jumping neutral-type neural networks with mixed delays. <i>Neural Networks</i> , 2017, 86, 32-41.	3.3	66
2	Strict dissipativity synchronization for delayed static neural networks: An event-triggered scheme. <i>Chaos, Solitons and Fractals</i> , 2021, 150, 111212.	2.5	52
3	Reliable Fuzzy H _∞ Control for Permanent Magnet Synchronous Motor Against Stochastic Actuator Faults. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 2232-2245.	5.9	31
4	Event-triggered H_{∞} synchronization for delayed neural networks via sampled-data. <i>Neural Networks</i> , 2017, 91, 11-21.	3.3	29
5	Design of robust reliable control for T-S fuzzy Markovian jumping delayed neutral type neural networks with probabilistic actuator faults and leakage delays: An event-triggered communication scheme. <i>ISA Transactions</i> , 2018, 77, 30-48.	3.1	28
6	Extended dissipativity and event-triggered synchronization for T-S fuzzy Markovian jumping delayed stochastic neural networks with leakage delays via fault-tolerant control. <i>Soft Computing</i> , 2020, 24, 3675-3694.	2.1	27
7	Finite-time event-triggered approach for recurrent neural networks with leakage term and its application. <i>Mathematics and Computers in Simulation</i> , 2021, 182, 765-790.	2.4	25
8	Extended Dissipativity and Non-Fragile Synchronization for Recurrent Neural Networks With Multiple Time-Varying Delays via Sampled-Data Control. <i>IEEE Access</i> , 2021, 9, 31454-31466.	2.6	25
9	Event-triggered H _∞ synchronization for switched discrete time delayed recurrent neural networks with actuator constraints and nonlinear perturbations. <i>Journal of the Franklin Institute</i> , 2020, 357, 4079-4108.	1.9	24
10	Drive-response synchronization of uncertain Markov jump generalized neural networks with interval time varying delays via decentralized event-triggered communication scheme. <i>Journal of the Franklin Institute</i> , 2020, 357, 6824-6857.	1.9	24
11	Robust H _∞ synchronization of Markov jump stochastic uncertain neural networks with decentralized event-triggered mechanism. <i>Chinese Journal of Physics</i> , 2019, 60, 68-87.	2.0	22
12	Event-Triggered H_{∞} Filtering for Network-Based Neutral Systems With Time-Varying Delays via T-S Fuzzy Approach. <i>IEEE Access</i> , 2021, 9, 145133-145147.	2.6	20
13	Decentralized Event-Triggered Exponential Stability for Uncertain Delayed Genetic Regulatory Networks with Markov Jump Parameters and Distributed Delays. <i>Neural Processing Letters</i> , 2018, 47, 1219-1252.	2.0	19
14	Decentralised event-triggered impulsive synchronisation for semi-Markovian jump delayed neural networks with leakage delay and randomly occurring uncertainties. <i>International Journal of Systems Science</i> , 2019, 50, 1636-1660.	3.7	19
15	Existence results for coupled system of nonlinear differential equations and inclusions involving sequential derivatives of fractional order. <i>AIMS Mathematics</i> , 2021, 7, 723-755.	0.7	19
16	Dynamical analysis of a delayed food chain model with additive Allee effect. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	18
17	Event-triggered state estimation for Markovian jumping impulsive neural networks with interval time-varying delays. <i>International Journal of Control</i> , 2019, 92, 270-290.	1.2	16
18	Generalized linear differential equation using Hyers-Ulam stability approach. <i>AIMS Mathematics</i> , 2021, 6, 1607-1623.	0.7	14

#	ARTICLE	IF	CITATIONS
19	The dynamics of a Leslie type predator-prey model with fear and Allee effect. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	14
20	Stabilization of Delayed Fuzzy Neutral-type Systems Under Intermittent Control. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 1408-1425.	1.6	13
21	Almost Sure Consensus of Multi-Agent Systems: An Intermittent Noise. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 2897-2901.	2.2	12
22	Event Triggered Finite Time H_{∞} Boundedness of Uncertain Markov Jump Neural Networks with Distributed Time Varying Delays. <i>Neural Processing Letters</i> , 2019, 49, 1649-1680.	2.0	11
23	A Novel Discrete-Time Leslie-Gower Model with the Impact of Allee Effect in Predator Population. <i>Complexity</i> , 2022, 2022, 1-21.	0.9	11
24	Comparative Study on Numerical Methods for Singularly Perturbed Advanced-Delay Differential Equations. <i>Journal of Mathematics</i> , 2021, 2021, 1-15.	0.5	10
25	Analytical Study on Sodium Alginate Based Hybrid Nanofluid Flow through a Shrinking/Stretching Sheet with Radiation, Heat Source and Inclined Lorentz Force Effects. <i>Fractal and Fractional</i> , 2022, 6, 68.	1.6	10
26	Decentralized Event-triggered Stability Analysis of Neutral-type BAM Neural Networks with Markovian Jump Parameters and Mixed Time Varying Delays. <i>International Journal of Control, Automation and Systems</i> , 2018, 16, 983-993.	1.6	9
27	Global Exponential Stability of Fractional Order Complex-Valued Neural Networks with Leakage Delay and Mixed Time Varying Delays. <i>Fractal and Fractional</i> , 2022, 6, 140.	1.6	9
28	Fractional Fourier transform and stability of fractional differential equation on Lizorkin space. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	8
29	Study on bifurcation analysis and Takagi-Sugeno fuzzy sampled-data stabilization of permanent magnet synchronous motor systems. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	1.2	6
30	Robust H_{∞} performance for discrete time T-S fuzzy switched memristive stochastic neural networks with mixed time-varying delays. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2021, 33, 79-107.	1.8	5
31	A New Approach to Hyers-Ulam Stability of r -Variable Quadratic Functional Equations. <i>Journal of Function Spaces</i> , 2021, 2021, 1-10.	0.4	5
32	Existence and U-H Stability Results for Nonlinear Coupled Fractional Differential Equations with Boundary Conditions Involving Riemann-Liouville and Erdélyi-Kober Integrals. <i>Fractal and Fractional</i> , 2022, 6, 266.	1.6	4
33	Robust H_{∞} Performance of Discrete-time Neural Networks with Uncertainty and Time-varying Delay. <i>International Journal of Control, Automation and Systems</i> , 2018, 16, 1637-1647.	1.6	3
34	Finite time decentralized event-triggered communication scheme for neutral-type Markovian jump neural networks with time varying delays. <i>Chinese Journal of Physics</i> , 2018, 56, 2448-2464.	2.0	2
35	Finite-Time H_{∞} State Estimation for Markovian Jump Neural Networks with Time-Varying Delays via an Extended Wirtinger's Integral Inequality. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-18.	0.6	0
36	Synchronization of decentralized event-triggered uncertain switched neural networks with two additive time-varying delays. <i>Nonlinear Analysis: Modelling and Control</i> , 2020, 25, .	1.1	0