

R Raja

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Impulsive effects on stability and passivity analysis of memristor-based fractional-order competitive neural networks. <i>Neurocomputing</i> , 2020, 417, 290-301.	5.9	118
2	Stability and synchronization criteria for fractional order competitive neural networks with time delays: An asymptotic expansion of Mittag Leffler function. <i>Journal of the Franklin Institute</i> , 2019, 356, 2212-2239.	3.4	77
3	Further synchronization in finite time analysis for time-varying delayed fractional order memristive competitive neural networks with leakage delay. <i>Neurocomputing</i> , 2018, 317, 110-126.	5.9	73
4	Further mean-square asymptotic stability of impulsive discrete-time stochastic BAM neural networks with Markovian jumping and multiple time-varying delays. <i>Journal of the Franklin Institute</i> , 2019, 356, 561-591.	3.4	63
5	Novel global robust exponential stability criterion for uncertain inertial-type BAM neural networks with discrete and distributed time-varying delays via Lagrange sense. <i>Journal of the Franklin Institute</i> , 2018, 355, 4727-4754.	3.4	62
6	Impulsive Cohenâ€“Grossberg BAM neural networks with mixed time-delays: An exponential stability analysis issue. <i>Neurocomputing</i> , 2018, 275, 2588-2602.	5.9	61
7	Robust generalized Mittag-Leffler synchronization of fractional order neural networks with discontinuous activation and impulses. <i>Neural Networks</i> , 2018, 103, 128-141.	5.9	60
8	Robust finite-time non-fragile sampled-data control for T-S fuzzy flexible spacecraft model with stochastic actuator faults. <i>Applied Mathematics and Computation</i> , 2018, 321, 483-497.	2.2	57
9	Improved stability analysis of uncertain neutral type neural networks with leakage delays and impulsive effects. <i>Applied Mathematics and Computation</i> , 2015, 266, 1050-1069.	2.2	49
10	Exponential Stability for Delayed Stochastic Bidirectional Associative Memory Neural Networks with Markovian Jumping and Impulses. <i>Journal of Optimization Theory and Applications</i> , 2011, 150, 166-187.	1.5	48
11	Global exponential stability of BAM neural networks with time-varying delays: The discrete-time case. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011, 16, 613-622.	3.3	47
12	Asymptotic stability of delayed stochastic genetic regulatory networks with impulses. <i>Physica Scripta</i> , 2010, 82, 055009.	2.5	46
13	Quasi-pinning synchronization and stabilization of fractional order BAM neural networks with delays and discontinuous neuron activations. <i>Chaos, Solitons and Fractals</i> , 2020, 131, 109491.	5.1	46
14	Dissipativity of discrete-time BAM stochastic neural networks with Markovian switching and impulses. <i>Journal of the Franklin Institute</i> , 2013, 350, 3217-3247.	3.4	40
15	Stability and pinning synchronization analysis of fractional order delayed Cohenâ€“Grossberg neural networks with discontinuous activations. <i>Applied Mathematics and Computation</i> , 2019, 359, 241-260.	2.2	40
16	New delay dependent robust asymptotic stability for uncertain stochastic recurrent neural networks with multiple time varying delays. <i>Journal of the Franklin Institute</i> , 2012, 349, 2108-2123.	3.4	36
17	Enhanced robust finite-time passivity for Markovian jumping discrete-time BAM neural networks with leakage delay. <i>Advances in Difference Equations</i> , 2017, 2017, 318.	3.5	36
18	LMI-based results on exponential stability of BAM-type neural networks with leakage and both time-varying delays: A non-fragile state estimation approach. <i>Applied Mathematics and Computation</i> , 2018, 326, 33-55.	2.2	36

#	ARTICLE	IF	CITATIONS
19	Novel results on passivity and exponential passivity for multiple discrete delayed neutral-type neural networks with leakage and distributed time-delays. <i>Chaos, Solitons and Fractals</i> , 2018, 115, 268-282.	5.1	33
20	Exponential passivity analysis of stochastic neural networks with leakage, distributed delays and Markovian jumping parameters. <i>Neurocomputing</i> , 2016, 175, 401-410.	5.9	32
21	Mittag-Leffler state estimator design and synchronization analysis for fractional-order BAM neural networks with time delays. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019, 33, 855-874.	4.1	32
22	Discrete-time stochastic impulsive BAM neural networks with leakage and mixed time delays: An exponential stability problem. <i>Journal of the Franklin Institute</i> , 2018, 355, 4404-4435.	3.4	31
23	Delay-dependent asymptotic stability criteria for genetic regulatory networks with impulsive perturbations. <i>Neurocomputing</i> , 2016, 214, 981-990.	5.9	27
24	Finite-time synchronization criterion of graph theory perspective fractional-order coupled discontinuous neural networks. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	27
25	Modified projective synchronization of distributive fractional order complex dynamic networks with model uncertainty via adaptive control. <i>Chaos, Solitons and Fractals</i> , 2021, 147, 110853.	5.1	26
26	A perspective on graph theory-based stability analysis of impulsive stochastic recurrent neural networks with time-varying delays. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	26
27	Stability analysis for discrete-time stochastic neural networks with mixed time delays and impulsive effects. <i>Canadian Journal of Physics</i> , 2010, 88, 885-898.	1.1	23
28	A state estimation H_∞ issue for discrete-time stochastic impulsive genetic regulatory networks in the presence of leakage, multiple delays and Markovian jumping parameters. <i>Journal of the Franklin Institute</i> , 2018, 355, 2735-2761.	3.4	23
29	Stabilization of Switched Stochastic Genetic Regulatory Networks with Leakage and Impulsive Effects. <i>Neural Processing Letters</i> , 2019, 49, 593-610.	3.2	23
30	Further results on asymptotic and finite-time stability analysis of fractional-order time-delayed genetic regulatory networks. <i>Neurocomputing</i> , 2022, 475, 26-37.	5.9	23
31	Passivity analysis for uncertain discrete-time stochastic BAM neural networks with time-varying delays. <i>Neural Computing and Applications</i> , 2014, 25, 751-766.	5.6	22
32	New global asymptotic stability of discrete-time recurrent neural networks with multiple time-varying delays in the leakage term and impulsive effects. <i>Neurocomputing</i> , 2016, 214, 420-429.	5.9	22
33	Delay-interval-dependent passivity analysis of stochastic neural networks with Markovian jumping parameters and time delay in the leakage term. <i>Nonlinear Analysis: Hybrid Systems</i> , 2016, 22, 262-275.	3.5	22
34	Impulsive effects on competitive neural networks with mixed delays: Existence and exponential stability analysis. <i>Mathematics and Computers in Simulation</i> , 2019, 155, 290-302.	4.4	22
35	New delay-interval-dependent stability criteria for static neural networks with time-varying delays. <i>Neurocomputing</i> , 2016, 186, 1-7.	5.9	20
36	Multi-weighted Complex Structure on Fractional Order Coupled Neural Networks with Linear Coupling Delay: A Robust Synchronization Problem. <i>Neural Processing Letters</i> , 2020, 51, 2453-2479.	3.2	20

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37	Linear matrix inequality approach to stochastic stability of uncertain delayed BAM neural networks. IMA Journal of Applied Mathematics, 2013, 78, 1156-1178.	1.6	19
38	New delay-interval-dependent stability analysis of neutral type BAM neural networks with successive time delay components. Neurocomputing, 2016, 171, 1265-1280.	5.9	19
39	Fractional delay segments method on time-delayed recurrent neural networks with impulsive and stochastic effects: An exponential stability approach. Neurocomputing, 2019, 323, 277-298.	5.9	19
40	Robust passivity analysis for neutral-type neural networks with mixed and leakage delays. Neurocomputing, 2016, 175, 635-643.	5.9	18
41	Effects of leakage delays and impulsive control in dissipativity analysis of Takagi-Sugeno fuzzy neural networks with randomly occurring uncertainties. Journal of the Franklin Institute, 2017, 354, 3574-3593.	3.4	18
42	Dissipative analysis for aircraft flight control systems with randomly occurring uncertainties via non-fragile sampled-data control. Mathematics and Computers in Simulation, 2019, 155, 217-226.	4.4	18
43	Global exponential stability of Markovian jumping stochastic impulsive uncertain BAM neural networks with leakage, mixed time delays, and \pm -inverse Hölder activation functions. Advances in Difference Equations, 2018, 2018, 113.	3.5	17
44	New results on exponential input-to-state stability analysis of memristor based complex-valued inertial neural networks with proportional and distributed delays. Mathematics and Computers in Simulation, 2022, 201, 440-461.	4.4	17
45	Exponential Synchronization of Nonlinear Multi-weighted Complex Dynamic Networks with Hybrid Time Varying Delays. Neural Processing Letters, 2021, 53, 1035-1063.	3.2	17
46	Approximation of state variables for discrete-time stochastic genetic regulatory networks with leakage, distributed, and probabilistic measurement delays: a robust stability problem. Advances in Difference Equations, 2018, 2018, 123.	3.5	14
47	Extended dissipative analysis for aircraft flight control systems with random nonlinear actuator fault via non-fragile sampled-data control. Journal of the Franklin Institute, 2019, 356, 8610-8624.	3.4	14
48	Improved stochastic dissipativity of uncertain discrete-time neural networks with multiple delays and impulses. International Journal of Machine Learning and Cybernetics, 2015, 6, 289-305.	3.6	13
49	Impulsive discrete-time BAM neural networks with random parameter uncertainties and time-varying leakage delays: an asymptotic stability analysis. Nonlinear Dynamics, 2018, 91, 2571-2592.	5.2	13
50	Dynamic analysis of discrete-time BAM neural networks with stochastic perturbations and impulses. International Journal of Machine Learning and Cybernetics, 2014, 5, 39-50.	3.6	12
51	Impulsive discrete-time GRNs with probabilistic time delays, distributed and leakage delays: an asymptotic stability issue. IMA Journal of Mathematical Control and Information, 2019, 36, 79-100.	1.7	12
52	Stability analysis of uncertain neutral systems with discrete and distributed delays via the delay partition approach. International Journal of Control, Automation and Systems, 2017, 15, 2149-2160.	2.7	9
53	Global exponential stability of antiperiodic solutions for impulsive discrete-time Markovian jumping stochastic BAM neural networks with additive time-varying delays and leakage delay. International Journal of Adaptive Control and Signal Processing, 2018, 32, 908-936.	4.1	9
54	Exponential stability for stochastic delayed recurrent neural networks with mixed time-varying delays and impulses: the continuous-time case. Physica Scripta, 2013, 87, 055802.	2.5	8

#	ARTICLE	IF	CITATIONS
55	Robust non-fragile Mittag-Leffler synchronization of fractional order nonlinear complex dynamical networks with constant and infinite distributed delays. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	2.3	6
56	Application of Caputo-Fabrizio operator to suppress the <i>Aedes Aegypti</i> mosquitoes via Wolbachia: An LMI approach. <i>Mathematics and Computers in Simulation</i> , 2022, 201, 462-485.	4.4	5
57	A Lyapunov-Krasovskii Functional Approach to Stability and Linear Feedback Synchronization Control for Nonlinear Multi-Agent Systems with Mixed Time Delays. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-20.	1.1	5
58	A Robust Non-Fragile Control Lag Synchronization for Fractional Order Multi-Weighted Complex Dynamic Networks with Coupling Delays. <i>Neural Processing Letters</i> , 2022, 54, 2919-2940.	3.2	5
59	A class-E power amplifier with high efficiency and high power-gain for wireless sensor network. <i>Microsystem Technologies</i> , 2017, 23, 4179-4193.	2.0	3
60	Existence, Uniqueness, and Exponential Stability of Uncertain Delayed Neural Networks with Inertial Term: Nonreduced Order Case. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-15.	1.1	3
61	Analysis of CMOS 0.18- μ m UWB low noise amplifier for wireless application. <i>Microsystem Technologies</i> , 2020, 26, 3243-3257.	2.0	2
62	Global exponential stability analysis of anti-periodic of discontinuous BAM neural networks with time-varying delays. <i>Journal of Physics: Conference Series</i> , 2021, 1850, 012098.	0.4	2
63	Delay-dependent passivity analysis of nondeterministic genetic regulatory networks with leakage and distributed delays against impulsive perturbations. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	2
64	A low power fully differential RF receiver front-end for 2.4-GHz wireless sensor networks. <i>Microsystem Technologies</i> , 2019, 25, 1809-1822.	2.0	1
65	A 1.8V 2.4 GHz Folded-Switch Mixer for Direct Conversion Receiver. , 2013, , .		0
66	Fault-tolerant control for delayed interval type-2 fuzzy systems with nonlinear fault input. <i>Journal of Physics: Conference Series</i> , 2021, 1850, 012070.	0.4	0
67	Exponential Stability for Discrete-Time Stochastic BAM Neural Networks with Discrete and Distributed Delays. , 2011, 2011, 1-23.		0