

R Rakkiyappan

List of Publications by Year in descending order

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201
papers

9,142
citations

28190

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202
docs citations

202
times ranked

3217
citing authors

#	ARTICLE	IF	CITATIONS
1	Synchronization of an Inertial Neural Network With Time-Varying Delays and Its Application to Secure Communication. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 195-207.	7.2	262
2	Existence and Uniform Stability Analysis of Fractional-Order Complex-Valued Neural Networks With Time Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015, 26, 84-97.	7.2	248
3	Finite-time synchronization of fractional-order memristor-based neural networks with time delays. <i>Neural Networks</i> , 2016, 73, 36-46.	3.3	231
4	Exponential input-to-state stability of stochastic Cohenâ€“Grossberg neural networks with mixed delays. <i>Nonlinear Dynamics</i> , 2015, 79, 1085-1098.	2.7	199
5	Existence and global stability analysis of equilibrium of fuzzy cellular neural networks with time delay in the leakage term under impulsive perturbations. <i>Journal of the Franklin Institute</i> , 2011, 348, 135-155.	1.9	165
6	Finite-time stability analysis of fractional-order complex-valued memristor-based neural networks with time delays. <i>Nonlinear Dynamics</i> , 2014, 78, 2823-2836.	2.7	155
7	Adaptive Synchronization of Reactionâ€“Diffusion Neural Networks and Its Application to Secure Communication. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 911-922.	6.2	146
8	Impulsive controller design for exponential synchronization of chaotic neural networks with mixed delays. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2013, 18, 1515-1523.	1.7	145
9	Exponential H_{∞} filtering analysis for discrete-time switched neural networks with random delays using sojourn probabilities. <i>Science China Technological Sciences</i> , 2016, 59, 387-402.	2.0	145
10	Persistent impulsive effects on stability of functional differential equations with finite or infinite delay. <i>Applied Mathematics and Computation</i> , 2018, 329, 14-22.	1.4	141
11	Dissipativity analysis of memristor-based complex-valued neural networks with time-varying delays. <i>Information Sciences</i> , 2015, 294, 645-665.	4.0	139
12	Interval-valued intuitionistic hesitant fuzzy entropy based VIKOR method for industrial robots selection. <i>Expert Systems With Applications</i> , 2019, 121, 28-37.	4.4	134
13	Adaptive Fractional Fuzzy Integral Sliding Mode Control for PMSM Model. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 1674-1686.	6.5	133
14	Fractional-order delayed predatorâ€“prey systems with Holling type-II functional response. <i>Nonlinear Dynamics</i> , 2015, 80, 777-789.	2.7	131
15	Stochastic stability of Markovian jump BAM neural networks with leakage delays and impulse control. <i>Neurocomputing</i> , 2014, 136, 136-151.	3.5	123
16	Existence, uniqueness and stability analysis of recurrent neural networks with time delay in the leakage term under impulsive perturbations. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 4092-4108.	0.9	121
17	Adaptive control for fractional order induced chaotic fuzzy cellular neural networks and its application to image encryption. <i>Information Sciences</i> , 2019, 491, 74-89.	4.0	119
18	Passivity and Passification of Memristor-Based Recurrent Neural Networks With Additive Time-Varying Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015, 26, 2043-2057.	7.2	109

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19	Stability analysis of fractional-order complex-valued neural networks with time delays. <i>Chaos, Solitons and Fractals</i> , 2015, 78, 297-316.	2.5	102
20	Synchronization of reaction-diffusion neural networks with time-varying delays via stochastic sampled-data controller. <i>Nonlinear Dynamics</i> , 2015, 79, 485-500.	2.7	101
21	Synchronization of memristor-based recurrent neural networks with two delay components based on second-order reciprocally convex approach. <i>Neural Networks</i> , 2014, 57, 79-93.	3.3	100
22	Pinning sampled-data synchronization of coupled inertial neural networks with reaction-diffusion terms and time-varying delays. <i>Neurocomputing</i> , 2017, 227, 101-107.	3.5	99
23	Dissipativity and stability analysis of fractional-order complex-valued neural networks with time delay. <i>Neural Networks</i> , 2017, 86, 42-53.	3.3	97
24	Delay-dependent asymptotic stability for stochastic delayed recurrent neural networks with time varying delays. <i>Applied Mathematics and Computation</i> , 2008, 198, 526-533.	1.4	96
25	Global exponential stability results for neutral-type impulsive neural networks. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 122-130.	0.9	96
26	Sampled-Data H_{∞} Synchronization of Chaotic Lur ^e Systems with Time Delay. <i>Circuits, Systems, and Signal Processing</i> , 2016, 35, 811-835.	1.2	95
27	Delay-dependent stability of neutral systems with time-varying delays using delay-decomposition approach. <i>Applied Mathematical Modelling</i> , 2012, 36, 2253-2261.	2.2	94
28	Stability and synchronization analysis of inertial memristive neural networks with time delays. <i>Cognitive Neurodynamics</i> , 2016, 10, 437-451.	2.3	92
29	Stability criteria for BAM neural networks with leakage delays and probabilistic time-varying delays. <i>Applied Mathematics and Computation</i> , 2013, 219, 9408-9423.	1.4	85
30	Exponential synchronization of Markovian jumping chaotic neural networks with sampled-data and saturating actuators. <i>Nonlinear Analysis: Hybrid Systems</i> , 2017, 24, 28-44.	2.1	85
31	Impulsive controller design for exponential synchronization of delayed stochastic memristor-based recurrent neural networks. <i>Neurocomputing</i> , 2016, 173, 1348-1355.	3.5	82
32	Stochastic sampled-data control for synchronization of complex dynamical networks with control packet loss and additive time-varying delays. <i>Neural Networks</i> , 2015, 66, 46-63.	3.3	81
33	Leakage Delays in T -S Fuzzy Cellular Neural Networks. <i>Neural Processing Letters</i> , 2011, 33, 111-136.	2.0	79
34	Delay-dependent robust exponential state estimation of Markovian jumping fuzzy Hopfield neural networks with mixed random time-varying delays. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011, 16, 2109-2129.	1.7	78
35	A delay partitioning approach to delay-dependent stability analysis for neutral type neural networks with discrete and distributed delays. <i>Neurocomputing</i> , 2013, 111, 81-89.	3.5	78
36	New global exponential stability results for neutral type neural networks with distributed time delays. <i>Neurocomputing</i> , 2008, 71, 1039-1045.	3.5	76

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37	Passivity analysis for neural networks of neutral type with Markovian jumping parameters and time delay in the leakage term. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 4422-4437.	1.7	75
38	Further analysis of global $\frac{1}{4}$ -stability of complex-valued neural networks with unbounded time-varying delays. Neural Networks, 2015, 67, 14-27.	3.3	75
39	Global asymptotic stability of BAM fuzzy cellular neural networks with time delay in the leakage term, discrete and unbounded distributed delays. Mathematical and Computer Modelling, 2011, 53, 839-853.	2.0	70
40	Synchronization of Neural Networks With Control Packet Loss and Time-Varying Delay via Stochastic Sampled-Data Controller. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 3215-3226.	7.2	69
41	Complete Stability Analysis of Complex-Valued Neural Networks with Time Delays and Impulses. Neural Processing Letters, 2015, 41, 435-468.	2.0	68
42	Robust stability results for uncertain stochastic neural networks with discrete interval and distributed time-varying delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 5290-5298.	0.9	66
43	Exponential synchronization criteria for Markovian jumping neural networks with time-varying delays and sampled-data control. Nonlinear Analysis: Hybrid Systems, 2014, 14, 16-37.	2.1	65
44	Multiple $\frac{1}{4}$ -stability analysis of complex-valued neural networks with unbounded time-varying delays. Neurocomputing, 2015, 149, 594-607.	3.5	64
45	Synchronization and periodicity of coupled inertial memristive neural networks with supremums. Neurocomputing, 2016, 214, 739-749.	3.5	64
46	Analysis of global O and global asymptotical periodicity for a class of fractional-order complex-valued neural networks with time varying delays. Neural Networks, 2016, 77, 51-69.	3.5	64
47	Non-Fragile Synchronization Control For Markovian Jumping Complex Dynamical Networks With Probabilistic Time-Varying Coupling Delays. Asian Journal of Control, 2015, 17, 1678-1695.	1.9	63
48	An event-triggered synchronization of semi-Markov jump neural networks with time-varying delays based on generalized free-weighting-matrix approach. Mathematics and Computers in Simulation, 2019, 155, 41-56.	2.4	63
49	Synchronization of nonlinear singularly perturbed complex networks with uncertain inner coupling via event triggered control. Applied Mathematics and Computation, 2017, 311, 283-299.	1.4	62
50	LMI-based stability for singularly perturbed nonlinear impulsive differential systems with delays of small parameter. Applied Mathematics and Computation, 2015, 250, 798-804.	1.4	61
51	Hybrid projective synchronization of fractional-order memristor-based neural networks with time delays. Nonlinear Dynamics, 2016, 83, 419-432.	2.7	60
52	New delay-dependent stability criteria for switched Hopfield neural networks of neutral type with additive time-varying delay components. Neurocomputing, 2015, 151, 827-834.	3.5	59
53	Delay-dependent stability criterion for a class of non-linear singular Markovian jump systems with mode-dependent interval time-varying delays. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 3612-3627.	1.7	58
54	Exponential synchronization of Markovian jumping neural networks with partly unknown transition probabilities via stochastic sampled-data control. Neurocomputing, 2014, 133, 385-398.	3.5	58

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55	Synchronization of Identical and Nonidentical Memristor-based Chaotic Systems Via Active Backstepping Control Technique. <i>Circuits, Systems, and Signal Processing</i> , 2015, 34, 763-778.	1.2	58
56	Stability of stochastic neural networks of neutral type with Markovian jumping parameters: A delay-fractioning approach. <i>Journal of the Franklin Institute</i> , 2014, 351, 1553-1570.	1.9	57
57	Event-triggered state estimation for semi-Markov jumping discrete-time neural networks with quantization. <i>Neural Networks</i> , 2018, 105, 236-248.	1.5	56
58	Global robust asymptotic stability analysis of uncertain switched Hopfield neural networks with time delay in the leakage term. <i>Neural Computing and Applications</i> , 2012, 21, 1593-1616.	3.2	55
59	On Fractional SIRC Model with <i>Salmonella</i> Bacterial Infection. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-9.	0.3	55
60	Pinning sampled-data control for synchronization of complex networks with probabilistic time-varying delays using quadratic convex approach. <i>Neurocomputing</i> , 2015, 162, 26-40.	3.5	55
61	Passivity Analysis of Memristor-Based Complex-Valued Neural Networks with Time-Varying Delays. <i>Neural Processing Letters</i> , 2015, 42, 517-540.	2.0	55
62	Dynamic analysis of Markovian jumping impulsive stochastic Cohen-Grossberg neural networks with discrete interval and distributed time-varying delays. <i>Nonlinear Analysis: Hybrid Systems</i> , 2009, 3, 408-417.	2.1	54
63	Stability analysis of memristor-based fractional-order neural networks with different memductance functions. <i>Cognitive Neurodynamics</i> , 2015, 9, 145-177.	2.3	54
64	An improved stability criterion for generalized neural networks with additive time-varying delays. <i>Neurocomputing</i> , 2016, 171, 615-624.	3.5	54
65	Existence and Global Asymptotic Stability of Fuzzy Cellular Neural Networks with Time Delay in the Leakage Term and Unbounded Distributed Delays. <i>Circuits, Systems, and Signal Processing</i> , 2011, 30, 1595-1616.	1.2	53
66	Delay dependent stability analysis of neutral systems with mixed time-varying delays and nonlinear perturbations. <i>Journal of Computational and Applied Mathematics</i> , 2011, 235, 2147-2156.	1.1	53
67	State estimation of memristor-based recurrent neural networks with time-varying delays based on passivity theory. <i>Complexity</i> , 2014, 19, 32-43.	0.9	53
68	Stability analysis of the differential genetic regulatory networks model with time-varying delays and Markovian jumping parameters. <i>Nonlinear Analysis: Hybrid Systems</i> , 2014, 14, 1-15.	2.1	53
69	Impulsive synchronization of Markovian jumping randomly coupled neural networks with partly unknown transition probabilities via multiple integral approach. <i>Neural Networks</i> , 2015, 70, 27-38.	3.3	53
70	On the stability of impulsive functional differential equations with infinite delays. <i>Mathematical Methods in the Applied Sciences</i> , 2015, 38, 3130-3140.	1.2	52
71	LMI conditions for global asymptotic stability results for neutral-type neural networks with distributed time delays. <i>Applied Mathematics and Computation</i> , 2008, 204, 317-324.	1.4	51
72	Passivity and passification of memristor-based complex-valued recurrent neural networks with interval time-varying delays. <i>Neurocomputing</i> , 2014, 144, 391-407.	3.5	49

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73	Delay-dependent robust asymptotic state estimation of Takagi-Sugeno fuzzy Hopfield neural networks with mixed interval time-varying delays. <i>Expert Systems With Applications</i> , 2012, 39, 472-481.	4.4	48
74	Global asymptotic stability of stochastic recurrent neural networks with multiple discrete delays and unbounded distributed delays. <i>Applied Mathematics and Computation</i> , 2008, 204, 680-686.	1.4	46
75	Stability results for Takagi-Sugeno fuzzy uncertain BAM neural networks with time delays in the leakage term. <i>Neural Computing and Applications</i> , 2013, 22, 203-219.	3.2	46
76	Delay-interval dependent robust stability criteria for stochastic neural networks with linear fractional uncertainties. <i>Neurocomputing</i> , 2009, 72, 3675-3682.	3.5	45
77	Delay-dependent robust stability analysis for Markovian jumping stochastic Cohen-Grossberg neural networks with discrete interval and distributed time-varying delays. <i>Nonlinear Analysis: Hybrid Systems</i> , 2009, 3, 207-214.	2.1	45
78	Global dissipativity of memristor-based complex-valued neural networks with time-varying delays. <i>Neural Computing and Applications</i> , 2016, 27, 629-649.	3.2	45
79	Sampled-data state estimation for Markovian jumping fuzzy cellular neural networks with mode-dependent probabilistic time-varying delays. <i>Applied Mathematics and Computation</i> , 2013, 221, 741-769.	1.4	44
80	Exponential stability of Markovian jumping stochastic Cohen-Grossberg neural networks with mode-dependent probabilistic time-varying delays and impulses. <i>Neurocomputing</i> , 2014, 131, 265-277.	3.5	43
81	Synchronization of singular Markovian jumping complex networks with additive time-varying delays via pinning control. <i>Journal of the Franklin Institute</i> , 2015, 352, 3178-3195.	1.9	42
82	Stochastic stability of Markovian jumping uncertain stochastic genetic regulatory networks with interval time-varying delays. <i>Mathematical Biosciences</i> , 2010, 226, 97-108.	0.9	40
83	Delay dependent stability results for fuzzy BAM neural networks with Markovian jumping parameters. <i>Expert Systems With Applications</i> , 2011, 38, 121-130.	4.4	40
84	A fractional-order model for Ebola virus infection with delayed immune response on heterogeneous complex networks. <i>Journal of Computational and Applied Mathematics</i> , 2018, 339, 134-146.	1.1	40
85	On exponential stability results for fuzzy impulsive neural networks. <i>Fuzzy Sets and Systems</i> , 2010, 161, 1823-1835.	1.6	39
86	Delay-dependent global asymptotic stability criteria for stochastic genetic regulatory networks with Markovian jumping parameters. <i>Applied Mathematical Modelling</i> , 2012, 36, 1718-1730.	2.2	39
87	Effects of leakage time-varying delays in Markovian jump neural networks with impulse control. <i>Neurocomputing</i> , 2013, 121, 365-378.	3.5	39
88	Exponential stability for markovian jumping stochastic BAM neural networks with mode-dependent probabilistic time-varying delays and impulse control. <i>Complexity</i> , 2015, 20, 39-65.	0.9	38
89	Leader-following consensus of multi-agent systems via sampled-data control with randomly missing data. <i>Neurocomputing</i> , 2015, 161, 132-147.	3.5	35
90	Fractional-order discontinuous systems with indefinite LKFs: An application to fractional-order neural networks with time delays. <i>Neural Networks</i> , 2022, 145, 319-330.	3.3	35

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91	Stability and Hopf bifurcation analysis of fractional-order complex-valued neural networks with time delays. <i>Advances in Difference Equations</i> , 2017, 2017, .	3.5	34
92	Improved delay-dependent stability criteria for neutral systems with mixed interval time-varying delays and nonlinear disturbances. <i>Journal of the Franklin Institute</i> , 2017, 354, 1169-1194.	1.9	34
93	Stability analysis of memristor-based complex-valued recurrent neural networks with time delays. <i>Complexity</i> , 2016, 21, 14-39.	0.9	33
94	Delay-probability-distribution-dependent stability of uncertain stochastic genetic regulatory networks with mixed time-varying delays: An LMI approach. <i>Nonlinear Analysis: Hybrid Systems</i> , 2010, 4, 600-607.	2.1	32
95	Sampled-data synchronization of randomly coupled reaction-diffusion neural networks with Markovian jumping and mixed delays using multiple integral approach. <i>Neural Computing and Applications</i> , 2017, 28, 449-462.	3.2	32
96	New delay range-dependent stability criteria for interval time-varying delay systems via Wirtinger-based inequalities. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 661-677.	2.1	32
97	Delay-interval-dependent robust stability results for uncertain stochastic systems with Markovian jumping parameters. <i>Nonlinear Analysis: Hybrid Systems</i> , 2011, 5, 681-691.	2.1	31
98	State estimation for fuzzy cellular neural networks with time delay in the leakage term, discrete and unbounded distributed delays. <i>Computers and Mathematics With Applications</i> , 2011, 62, 3959-3972.	1.4	31
99	Cluster synchronization for T-S fuzzy complex networks using pinning control with probabilistic time-varying delays. <i>Complexity</i> , 2015, 21, 59-77.	0.9	31
100	Synchronization of memristor-based delayed BAM neural networks with fractional-order derivatives. <i>Complexity</i> , 2016, 21, 412-426.	0.9	31
101	Exponential synchronization of Lurè complex dynamical networks with uncertain inner coupling and pinning impulsive control. <i>Applied Mathematics and Computation</i> , 2017, 307, 217-231.	1.4	31
102	Stabilization of stochastic delayed systems: Event-triggered impulsive control. <i>Applied Mathematics and Computation</i> , 2021, 401, 126054.	1.4	31
103	Leakage-delay-dependent stability analysis of Markovian jumping linear systems with time-varying delays and nonlinear perturbations. <i>Applied Mathematical Modelling</i> , 2016, 40, 5026-5043.	2.2	30
104	Sampled-data synchronization and state estimation for nonlinear singularly perturbed complex networks with time-delays. <i>Nonlinear Dynamics</i> , 2016, 84, 1623-1636.	2.7	30
105	Delayed state-feedback control for stabilization of neural networks with leakage delay. <i>Neural Networks</i> , 2018, 105, 249-255.	3.3	30
106	Delay-dependent robust stability analysis of uncertain stochastic neural networks with discrete interval and distributed time-varying delays. <i>Neurocomputing</i> , 2009, 72, 3231-3237.	3.5	27
107	Design of sampled data state estimator for Markovian jumping neural networks with leakage time-varying delays and discontinuous Lyapunov functional approach. <i>Nonlinear Dynamics</i> , 2013, 73, 1367-1383.	2.7	27
108	Stochastic sampled-data H ∞ synchronization of coupled neutral-type delay partial differential systems. <i>Journal of the Franklin Institute</i> , 2015, 352, 4480-4502.	1.9	27

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109	A fractional-order delay differential model for Ebola infection and CD8+ T-cells response: Stability analysis and Hopf bifurcation. <i>International Journal of Biomathematics</i> , 2017, 10, 1750111.	1.5	27
110	Global Passivity Analysis of Interval Neural Networks with Discrete and Distributed Delays of Neutral Type. <i>Neural Processing Letters</i> , 2010, 32, 109-130.	2.0	26
111	Bilateral Teleoperation of Single-Master Multislave Systems With Semi-Markovian Jump Stochastic Interval Time-Varying Delayed Communication Channels. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 247-257.	6.2	26
112	Finite-time and fixed-time synchronization control of discontinuous fuzzy Cohen-Grossberg neural networks with uncertain external perturbations and mixed time delays. <i>Fuzzy Sets and Systems</i> , 2021, 411, 105-135.	1.6	26
113	Stochastic Sampled-Data Control for Exponential Synchronization of Markovian Jumping Complex Dynamical Networks with Mode-Dependent Time-Varying Coupling Delay. <i>Circuits, Systems, and Signal Processing</i> , 2015, 34, 153-183.	1.2	25
114	Non-fragile synchronization control for complex networks with additive time-varying delays. <i>Complexity</i> , 2015, 21, 296-321.	0.9	25
115	Non-fragile finite-time state estimation for discrete-time neural networks with semi-Markovian switching and random sensor delays based on Abdalrhman approach. <i>Nonlinear Analysis: Hybrid Systems</i> , 2019, 20, 200-202.	2.1	25
116	Quasi-Synchronization and Bifurcation Results on Fractional-Order Quaternion-Valued Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 4063-4072.	7.2	25
117	State estimator for neural networks with sampled data using discontinuous Lyapunov functional approach. <i>Nonlinear Dynamics</i> , 2013, 73, 509-520.	2.7	24
118	Exponential state estimation of Markovian jumping genetic regulatory networks with mode-dependent probabilistic time-varying delays. <i>Mathematical Biosciences</i> , 2014, 251, 30-53.	0.9	24
119	Delay-dependent stability analysis for a class of dynamical systems with leakage delay and nonlinear perturbations. <i>Applied Mathematics and Computation</i> , 2014, 226, 10-19.	1.4	24
120	Stochastic sampled data robust stabilisation of T-S fuzzy neutral systems with randomly occurring uncertainties and time-varying delays. <i>International Journal of Systems Science</i> , 2016, 47, 2247-2263.	3.7	24
121	Design of Observer-Based Event-Triggered Fuzzy ISMC for T-S Fuzzy Model and its Application to PMSG. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 2221-2231.	5.9	24
122	Fractional-order delay differential equations for the dynamics of hepatitis C virus infection with IFN- α treatment. <i>Alexandria Engineering Journal</i> , 2021, 60, 4761-4774.	3.4	24
123	Projective Multi-Synchronization of Fractional-order Complex-valued Coupled Multi-stable Neural Networks with Impulsive Control. <i>Neurocomputing</i> , 2022, 467, 392-405.	3.5	24
124	Exponential stability results for uncertain neutral systems with interval time-varying delays and Markovian jumping parameters. <i>Applied Mathematics and Computation</i> , 2010, 216, 3396-3407.	1.4	23
125	Robust \mathbb{H}_2 -stability analysis of Markovian switching uncertain stochastic genetic regulatory networks with unbounded time-varying delays. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2012, 17, 3894-3905.	1.7	23
126	Complex Pythagorean fuzzy einstein aggregation operators in selecting the best breed of Horsegram. <i>Expert Systems With Applications</i> , 2022, 187, 115990.	4.4	23

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127	A delay decomposition approach to fuzzy Markovian jumping genetic regulatory networks with time-varying delays. <i>Fuzzy Sets and Systems</i> , 2011, 164, 82-100.	1.6	22
128	Stochastic sampled-data stabilization of neural-network-based control systems. <i>Nonlinear Dynamics</i> , 2015, 81, 1823-1839.	2.7	22
129	Robust Stochastic Sampled-Data H^∞ Control for a Class of Mechanical Systems With Uncertainties. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2015, 137, .	0.9	21
130	Synchronization of discrete-time Markovian jump complex dynamical networks with random delays via non-fragile control. <i>Journal of the Franklin Institute</i> , 2016, 353, 4300-4329.	1.9	21
131	LMI conditions for stability of stochastic recurrent neural networks with distributed delays. <i>Chaos, Solitons and Fractals</i> , 2009, 40, 1688-1696.	2.5	20
132	Delay-dependent global asymptotic stability criteria for genetic regulatory networks with time delays in the leakage term. <i>Physica Scripta</i> , 2011, 84, 055007.	1.2	20
133	Effects of bounded and unbounded leakage time-varying delays in memristor-based recurrent neural networks with different memductance functions. <i>Neurocomputing</i> , 2016, 202, 67-83.	3.5	19
134	Hybrid Projective Synchronization of Fractional-Order Chaotic Complex Nonlinear Systems With Time Delays. <i>Journal of Computational and Nonlinear Dynamics</i> , 2016, 11, .	0.7	19
135	Delayed impulsive synchronization of nonlinearly coupled Markovian jumping complex dynamical networks with stochastic perturbations. <i>Nonlinear Dynamics</i> , 2017, 88, 1917-1934.	2.7	19
136	Event triggered reliable synchronization of semi-Markovian jumping complex dynamical networks via generalized integral inequalities. <i>Journal of the Franklin Institute</i> , 2018, 355, 3691-3716.	1.9	19
137	Stability analysis of nonlinear telerobotic systems with time-varying communication channel delays using general integral inequalities. <i>Information Sciences</i> , 2018, 465, 353-372.	4.0	19
138	Comparison principle for impulsive functional differential equations with infinite delays and applications. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018, 57, 309-321.	1.7	18
139	Exponential Synchronization of Inertial Memristor-Based Neural Networks with Time Delay Using Average Impulsive Interval Approach. <i>Neural Processing Letters</i> , 2019, 50, 2053-2071.	2.0	18
140	Fuzzy Sampled-Data Control for DFIG-Based Wind Turbine With Stochastic Actuator Failures. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 2199-2211.	5.9	18
141	Linear matrix inequality approach for synchronization control of fuzzy cellular neural networks with mixed time delays. <i>Chinese Physics B</i> , 2012, 21, 048402.	0.7	17
142	Leader-following consensus for networked multi-teleoperator systems via stochastic sampled-data control. <i>Neurocomputing</i> , 2015, 164, 272-280.	3.5	17
143	Applications of Delay Differential Equations in Biological Systems. <i>Complexity</i> , 2018, 2018, 1-3.	0.9	17
144	Dynamical analysis of antigen-driven T-cell infection model with multiple delays. <i>Applied Mathematics and Computation</i> , 2019, 354, 266-281.	1.4	17

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145	m-stability criteria for nonlinear differential systems with additive leakage and transmission time-varying delays. <i>Nonlinear Analysis: Modelling and Control</i> , 2018, 23, 380-400.	1.1	17
146	Non-fragile robust synchronization for Markovian jumping chaotic neural networks of neutral-type with randomly occurring uncertainties and mode-dependent time-varying delays. <i>ISA Transactions</i> , 2014, 53, 1760-1770.	3.1	16
147	A Fractional-Order Model for Zika Virus Infection with Multiple Delays. <i>Complexity</i> , 2019, 2019, 1-20.	0.9	16
148	Mittag-Leffler stability analysis of multiple equilibrium points in impulsive fractional-order quaternion-valued neural networks. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2020, 21, 234-246.	1.5	16
149	Synchronization of fractional-order different memristor-based chaotic systems using active control. <i>Canadian Journal of Physics</i> , 2014, 92, 1688-1695.	0.4	14
150	Almost periodic dynamics of memristive inertial neural networks with mixed delays. <i>Information Sciences</i> , 2020, 536, 332-350.	4.0	14
151	Dynamic analysis for high-order Hopfield neural networks with leakage delay and impulsive effects. <i>Neural Computing and Applications</i> , 2013, 22, 55-73.	3.2	13
152	Exponential synchronization of complex dynamical networks with Markovian jumping parameters using sampled-data and mode-dependent probabilistic time-varying delays. <i>Chinese Physics B</i> , 2014, 23, 020205.	0.7	13
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