

R Rakkiyappan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

197
papers

7,344
citations

52
h-index

74
g-index

202
ext. papers

8,299
ext. citations

4
avg, IF

6.86
L-index

#	Paper	IF	Citations
197	Corrigendum to "Fractional-order discontinuous systems with indefinite LKFs: An application to fractional-order neural networks with time delays" [Neural Networks] 145 (2022) 319-330]. <i>Neural Networks</i> , 2022 , 148, 85	9.1	
196	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	9.1	10
195	Projective Multi-Synchronization of Fractional-order Complex-valued Coupled Multi-stable Neural Networks with Impulsive Control. <i>Neurocomputing</i> , 2022 , 467, 392-405	5.4	3
194	Complex Pythagorean fuzzy einstein aggregation operators in selecting the best breed of Horsegram. <i>Expert Systems With Applications</i> , 2022 , 187, 115990	7.8	3
193	Memory Sampled-Data Controller Design for Interval Type-2 Fuzzy Systems via Polynomial-Type Lyapunov-Krasovskii Functional. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-12	7.3	0
192	Global Dynamics of a Fractional-order Ebola Model with Delayed Immune Response on Complex Networks. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2021 , 91, 681	0.9	
191	A Comprehensive Review of Continuous-/Discontinuous-Time Fractional-Order Multidimensional Neural Networks.. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	2
190	Event-triggered integral sliding mode control of Takagi-Sugeno fuzzy stochastic systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021 , 35, 1099-1119	2.8	2
189	Quasi-bipartite synchronisation of multiple inertial signed delayed neural networks under distributed event-triggered impulsive control strategy. <i>IET Control Theory and Applications</i> , 2021 , 15, 1615-1627	2.5	1
188	Multiple Type stability of fractional-order quaternion-valued neural networks. <i>Applied Mathematics and Computation</i> , 2021 , 401, 126092	2.7	2
187	Stabilization of stochastic delayed systems: Event-triggered impulsive control. <i>Applied Mathematics and Computation</i> , 2021 , 401, 126054	2.7	20
186	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	10.2	15
185	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	3.7	7
184	Integral sliding mode control for TS fuzzy descriptor systems. <i>Nonlinear Analysis: Hybrid Systems</i> , 2021 , 39, 100953	4.5	4
183	Design of Observer-Based Event-Triggered Fuzzy ISMC for TS Fuzzy Model and its Application to PMSG. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2221-2231	7.3	10
182	Robust synchronisation control of discontinuous CGNNs with time-varying delays. <i>International Journal of Control</i> , 2021 , 94, 1903-1919	1.5	
181	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	7.3	5

180	Stability and bifurcation analysis of hepatitis B-type virus infection model. <i>Mathematical Methods in the Applied Sciences</i> , 2021 , 44, 6462-6481	2.3	
179	Fractional-order delay differential equations for the dynamics of hepatitis C virus infection with IFN- β treatment. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 4761-4774	6.1	8
178	Morphological traits of drought tolerant horse gram germplasm: classification through machine learning. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 4959-4967	4.3	4
177	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	2.2	8
176	Almost periodic dynamics of memristive inertial neural networks with mixed delays. <i>Information Sciences</i> , 2020 , 536, 332-350	7.7	8
175	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	10.3	11
174	TB Fuzzy Model-Based Single-Master Multislave Teleoperation Systems With Decentralized Communication Structure and Varying Time Delays. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 3406-3417	8.3	6
173	Hidden Markov-Model-Based Control Design for Multilateral Teleoperation System With Asymmetric Time-Varying Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-12	7.3	1
172	Adaptive Synchronization of Reaction-Diffusion Neural Networks and Its Application to Secure Communication. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 911-922	10.2	66
171	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	2.4	15
170	Dynamical analysis of antigen-driven T-cell infection model with multiple delays. <i>Applied Mathematics and Computation</i> , 2019 , 354, 266-281	2.7	14
169	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	7.7	68
168	A Fractional-Order Model for Zika Virus Infection with Multiple Delays. <i>Complexity</i> , 2019 , 2019, 1-20	1.6	9
167	Adaptive Fractional Fuzzy Integral Sliding Mode Control for PMSM Model. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 1674-1686	8.3	67
166	Interval-valued intuitionistic hesitant fuzzy entropy based VIKOR method for industrial robots selection. <i>Expert Systems With Applications</i> , 2019 , 121, 28-37	7.8	89
165	An event-triggered synchronization of semi-Markov jump neural networks with time-varying delays based on generalized free-weighting-matrix approach. <i>Mathematics and Computers in Simulation</i> , 2019 , 155, 41-56	3.3	52
164	Persistent impulsive effects on stability of functional differential equations with finite or infinite delay. <i>Applied Mathematics and Computation</i> , 2018 , 329, 14-22	2.7	105
163	Non-fragile finite-time l_2 state estimation for discrete-time neural networks with semi-Markovian switching and random sensor delays based on Abel lemma approach. <i>Nonlinear Analysis: Hybrid Systems</i> , 2018 , 29, 283-302	4.5	17

162	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	4	15
161	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	10.3	157
160	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	3.7	17
159	Stability analysis of nonlinear telerobotic systems with time-varying communication channel delays using general integral inequalities. <i>Information Sciences</i> , 2018 , 465, 353-372	7.7	17
158	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	1.3	16
157	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	2.4	26
156	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	3.6	28
155	Applications of Delay Differential Equations in Biological Systems. <i>Complexity</i> , 2018 , 2018, 1-3	1.6	11
154	Delayed state-feedback control for stabilization of neural networks with leakage delay. <i>Neural Networks</i> , 2018 , 105, 249-255	9.1	20
153	Event-triggered H state estimation for semi-Markov jumping discrete-time neural networks with quantization. <i>Neural Networks</i> , 2018 , 105, 236-248	9.1	34
152	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	4.8	26
151	Combined and passivity control for networked control systems with random gain fluctuations and sojourn probabilities: A switched system approach. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 3524-3548	3.6	5
150	Asymptotical Synchronization of Lur'e Systems Using Network Reliable Control. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2017 , 139,	1.6	3
149	Delayed impulsive synchronization of nonlinearly coupled Markovian jumping complex dynamical networks with stochastic perturbations. <i>Nonlinear Dynamics</i> , 2017 , 88, 1917-1934	5	16
148	Exponential (H_{∞}) Synchronization of Lur'e Complex Dynamical Networks Using Pinning Sampled-Data Control. <i>Circuits, Systems, and Signal Processing</i> , 2017 , 36, 3958-3982	2.2	7
147	Non-weighted H state estimation for discrete-time switched neural networks with persistent dwell time switching regularities based on Finsler's lemma. <i>Neurocomputing</i> , 2017 , 260, 131-141	5.4	8
146	Synchronization of generalized reaction-diffusion neural networks with time-varying delays based on general integral inequalities and sampled-data control approach. <i>Cognitive Neurodynamics</i> , 2017 , 11, 369-381	4.2	8
145	Extended dissipativity state estimation for switched discrete-time complex dynamical networks with multiple communication channels: A sojourn probability dependent approach. <i>Neurocomputing</i> , 2017 , 267, 55-68	5.4	9

144	Exponential synchronization of Markovian jumping chaotic neural networks with sampled-data and saturating actuators. <i>Nonlinear Analysis: Hybrid Systems</i> , 2017 , 24, 28-44	4.5	76
143	Synchronization of nonlinear singularly perturbed complex networks with uncertain inner coupling via event triggered control. <i>Applied Mathematics and Computation</i> , 2017 , 311, 283-299	2.7	47
142	Exponential synchronization of Lur \bar{B} complex dynamical networks with uncertain inner coupling and pinning impulsive control. <i>Applied Mathematics and Computation</i> , 2017 , 307, 217-231	2.7	25
141	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	1.8	20
140	state estimation of discrete-time markov jump neural networks with general transition probabilities and output quantization. <i>Journal of Difference Equations and Applications</i> , 2017 , 23, 1824-1852	1.5	8
139	Stability and Hopf bifurcation analysis of fractional-order complex-valued neural networks with time delays. <i>Advances in Difference Equations</i> , 2017 , 2017,	3.6	25
138	Dissipativity and stability analysis of fractional-order complex-valued neural networks with time delay. <i>Neural Networks</i> , 2017 , 86, 42-53	9.1	73
137	Pinning sampled-data synchronization of coupled inertial neural networks with reaction-diffusion terms and time-varying delays. <i>Neurocomputing</i> , 2017 , 227, 101-107	5.4	84
136	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	4	28
135	Stability and synchronization of fractional-order complex-valued neural networks with time delay: LMI approach. <i>European Physical Journal: Special Topics</i> , 2017 , 226, 3639-3655	2.3	4
134	Impulsive controller design for exponential synchronization of delayed stochastic memristor-based recurrent neural networks. <i>Neurocomputing</i> , 2016 , 173, 1348-1355	5.4	72
133	Finite-time synchronization of fractional-order memristor-based neural networks with time delays. <i>Neural Networks</i> , 2016 , 73, 36-46	9.1	191
132	Hybrid projective synchronization of fractional-order memristor-based neural networks with time delays. <i>Nonlinear Dynamics</i> , 2016 , 83, 419-432	5	49
131	An improved stability criterion for generalized neural networks with additive time-varying delays. <i>Neurocomputing</i> , 2016 , 171, 615-624	5.4	44
130	Sampled-Data (H_{∞}) Synchronization of Chaotic Lur \bar{B} Systems with Time Delay. <i>Circuits, Systems, and Signal Processing</i> , 2016 , 35, 811-835	2.2	84
129	Global dissipativity of memristor-based complex-valued neural networks with time-varying delays. <i>Neural Computing and Applications</i> , 2016 , 27, 629-649	4.8	40
128	Stability analysis of memristor-based complex-valued recurrent neural networks with time delays. <i>Complexity</i> , 2016 , 21, 14-39	1.6	27
127	Robust stability analysis of stochastic neural networks with Markovian jumping parameters and probabilistic time-varying delays. <i>Complexity</i> , 2016 , 21, 59-72	1.6	13

126	Synchronization of memristor-based delayed BAM neural networks with fractional-order derivatives. <i>Complexity</i> , 2016 , 21, 412-426	1.6	27
125	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	4	18
124	Synchronization and periodicity of coupled inertial memristive neural networks with supremums. <i>Neurocomputing</i> , 2016 , 214, 739-749	5.4	55
123	Pinning sampled-data synchronization of complex dynamical networks with Markovian jumping and mixed delays using multiple integral approach. <i>Complexity</i> , 2016 , 21, 622-632	1.6	11
122	Stability and synchronization analysis of inertial memristive neural networks with time delays. <i>Cognitive Neurodynamics</i> , 2016 , 10, 437-51	4.2	72
121	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	2.3	20
120	Hybrid Projective Synchronization of Fractional-Order Chaotic Complex Nonlinear Systems With Time Delays. <i>Journal of Computational and Nonlinear Dynamics</i> , 2016 , 11,	1.4	18
119	Analysis of global $O(t^{-\frac{1}{\alpha}})$ stability and global asymptotical periodicity for a class of fractional-order complex-valued neural networks with time varying delays. <i>Neural Networks</i> , 2016 , 77, 51-69	9.1	56
118	Exponential H_2 filtering analysis for discrete-time switched neural networks with random delays using sojourn probabilities. <i>Science China Technological Sciences</i> , 2016 , 59, 387-402	3.5	126
117	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	4.5	26
116	Sampled-data synchronization and state estimation for nonlinear singularly perturbed complex networks with time-delays. <i>Nonlinear Dynamics</i> , 2016 , 84, 1623-1636	5	25
115	. <i>Journal of the Franklin Institute</i> , 2016 , 353, 1358-1385	4	11
114	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	5.4	9
113	Exponential stability results for fixed and random type impulsive Hopfield neural networks. <i>International Journal of Computing Science and Mathematics</i> , 2016 , 7, 1	0.8	1
112	Leader-following consensus of multi-agent systems via sampled-data control with randomly missing data. <i>Neurocomputing</i> , 2015 , 161, 132-147	5.4	26
111	Leader-following consensus for networked multi-teleoperator systems via stochastic sampled-data control. <i>Neurocomputing</i> , 2015 , 164, 272-280	5.4	16
110	Globally exponential stability of nonlinear impulsive switched systems. <i>Mathematical Notes</i> , 2015 , 97, 803-810	0.5	8
109	Stochastic sampled-data H_2 synchronization of coupled neutral-type delay partial differential systems. <i>Journal of the Franklin Institute</i> , 2015 , 352, 4480-4502	4	24

108	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	9.1	47
107	Stochastic Sampled-Data Control for H _∞ Stabilization of Transport Reaction Systems. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2015 , 137,	1.6	3
106	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	5.4	50
105	Further analysis of global B stability of complex-valued neural networks with unbounded time-varying delays. <i>Neural Networks</i> , 2015 , 67, 14-27	9.1	64
104	Synchronization of Neural Networks With Control Packet Loss and Time-Varying Delay via Stochastic Sampled-Data Controller. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 3215-26	10.3	55
103	Robust non-fragile control for offshore steel jacket platform with nonlinear perturbations. <i>Nonlinear Dynamics</i> , 2015 , 81, 2043-2057	5	10
102	Stochastic sampled-data stabilization of neural-network-based control systems. <i>Nonlinear Dynamics</i> , 2015 , 81, 1823-1839	5	17
101	Comments and further improvements on Passivity and passification of memristor-based complex-valued recurrent neural networks with interval time-varying delays[Neurocomputing 144 (2014) 391-407]. <i>Neurocomputing</i> , 2015 , 165, 433-435	5.4	
100	Hybrid Projective Synchronization of Fractional-Order Neural Networks with Time Delays. <i>Springer Proceedings in Mathematics and Statistics</i> , 2015 , 645-655	0.2	2
99	Robust stochastic sampled-data control for offshore steel jacket platforms with non-linear perturbations. <i>IMA Journal of Mathematical Control and Information</i> , 2015 , dnv046	1.1	5
98	Stability analysis of fractional-order complex-valued neural networks with time delays. <i>Chaos, Solitons and Fractals</i> , 2015 , 78, 297-316	9.3	79
97	Non-fragile synchronization control for complex networks with additive time-varying delays. <i>Complexity</i> , 2015 , 21, 296-321	1.6	24
96	On the stability of impulsive functional differential equations with infinite delays. <i>Mathematical Methods in the Applied Sciences</i> , 2015 , 38, 3130-3140	2.3	38
95	LMI-based stability for singularly perturbed nonlinear impulsive differential systems with delays of small parameter. <i>Applied Mathematics and Computation</i> , 2015 , 250, 798-804	2.7	47
94	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	10.3	181
93	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, 2043-57	10.3	84
92	New delay-dependent stability criteria for switched Hopfield neural networks of neutral type with additive time-varying delay components. <i>Neurocomputing</i> , 2015 , 151, 827-834	5.4	53
91	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	1.6	25

90	Non-Fragile Synchronization Control For Markovian Jumping Complex Dynamical Networks With Probabilistic Time-Varying Coupling Delays. <i>Asian Journal of Control</i> , 2015 , 17, 1678-1695	1.7	56
89	Asymptotic synchronization of continuous/discrete complex dynamical networks by optimal partitioning method. <i>Complexity</i> , 2015 , 21, 193-210	1.6	10
88	Synchronization of reaction-diffusion neural networks with time-varying delays via stochastic sampled-data controller. <i>Nonlinear Dynamics</i> , 2015 , 79, 485-500	5	88
87	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	2.2	47
86	Multiple \mathbb{L}_2 stability analysis of complex-valued neural networks with unbounded time-varying delays. <i>Neurocomputing</i> , 2015 , 149, 594-607	5.4	57
85	Passivity Analysis of Memristor-Based Complex-Valued Neural Networks with Time-Varying Delays. <i>Neural Processing Letters</i> , 2015 , 42, 517-540	2.4	47
84	Complete Stability Analysis of Complex-Valued Neural Networks with Time Delays and Impulses. <i>Neural Processing Letters</i> , 2015 , 41, 435-468	2.4	57
83	Stability analysis of memristor-based fractional-order neural networks with different memductance functions. <i>Cognitive Neurodynamics</i> , 2015 , 9, 145-77	4.2	47
82	Dissipativity analysis of memristor-based complex-valued neural networks with time-varying delays. <i>Information Sciences</i> , 2015 , 294, 645-665	7.7	125
81	Cluster synchronization for T \mathbb{S} fuzzy complex networks using pinning control with probabilistic time-varying delays. <i>Complexity</i> , 2015 , 21, 59-77	1.6	24
80	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	9.1	72
79	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,	1.6	18
78	Fractional-order delayed predator-prey systems with Holling type-II functional response. <i>Nonlinear Dynamics</i> , 2015 , 80, 777-789	5	96
77	Exponential input-to-state stability of stochastic Cohen-Grossberg neural networks with mixed delays. <i>Nonlinear Dynamics</i> , 2015 , 79, 1085-1098	5	171
76	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	2.2	21
75	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	4	34
74	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	5.4	40
73	Exponential synchronization of Markovian jumping neural networks with partly unknown transition probabilities via stochastic sampled-data control. <i>Neurocomputing</i> , 2014 , 133, 385-398	5.4	54

72	Exponential synchronization criteria for Markovian jumping neural networks with time-varying delays and sampled-data control. <i>Nonlinear Analysis: Hybrid Systems</i> , 2014 , 14, 16-37	4.5	58
71	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	4	52
70	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	1.2	11
69	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, 1760-70	5.5	11
68	State estimation of memristor-based recurrent neural networks with time-varying delays based on passivity theory. <i>Complexity</i> , 2014 , 19, 32-43	1.6	49
67	Improved stability criteria for neutral type Lur'e systems with time-varying delays. <i>Applied Mathematics Letters</i> , 2014 , 38, 168-173	3.5	11
66	Finite-time stability analysis of fractional-order complex-valued memristor-based neural networks with time delays. <i>Nonlinear Dynamics</i> , 2014 , 78, 2823-2836	5	139
65	Comments on 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> , 2014 , 77, 1069-1076	5	2
64	Stochastic stability of Markovian jump BAM neural networks with leakage delays and impulse control. <i>Neurocomputing</i> , 2014 , 136, 136-151	5.4	112
63	Synchronization of fractional-order different memristor-based chaotic systems using active control. <i>Canadian Journal of Physics</i> , 2014 , 92, 1688-1695	1.1	10
62	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	2.7	23
61	Passivity and passification of memristor-based complex-valued recurrent neural networks with interval time-varying delays. <i>Neurocomputing</i> , 2014 , 144, 391-407	5.4	48
60	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	9.1	94
59	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	4.5	40
58	Impulsive effect on exponential synchronization of neural networks with leakage delay under sampled-data feedback control. <i>Chinese Physics B</i> , 2014 , 23, 070205	1.2	6
57	Exponential synchronization of chaotic Lur'e systems with time-varying delay via sampled-data control. <i>Chinese Physics B</i> , 2014 , 23, 060504	1.2	8
56	On Fractional SIRC Model with Salmonella Bacterial Infection. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-9	0.7	37
55	Exponential state estimation of Markovian jumping genetic regulatory networks with mode-dependent probabilistic time-varying delays. <i>Mathematical Biosciences</i> , 2014 , 251, 30-53	3.9	22

54	State estimator for neural networks with sampled data using discontinuous Lyapunov functional approach. <i>Nonlinear Dynamics</i> , 2013 , 73, 509-520	5	21
53	Stability results for TakagiSugeno fuzzy uncertain BAM neural networks with time delays in the leakage term. <i>Neural Computing and Applications</i> , 2013 , 22, 203-219	4.8	37
52	Dynamic analysis for high-order Hopfield neural networks with leakage delay and impulsive effects. <i>Neural Computing and Applications</i> , 2013 , 22, 55-73	4.8	11
51	Stationary oscillation of interval fuzzy cellular neural networks with mixed delays under impulsive perturbations. <i>Neural Computing and Applications</i> , 2013 , 22, 1645-1654	4.8	9
50	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	2.7	42
49	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	3.7	130
48	Effects of leakage time-varying delays in Markovian jump neural networks with impulse control. <i>Neurocomputing</i> , 2013 , 121, 365-378	5.4	37
47	Delay-Probability-Distribution-Dependent Stability of Uncertain Stochastic Genetic Regulatory Networks with Time-Varying Delays. <i>Circuits, Systems, and Signal Processing</i> , 2013 , 32, 1147-1177	2.2	6
46	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	5	25
45	Stability criteria for BAM neural networks with leakage delays and probabilistic time-varying delays. <i>Applied Mathematics and Computation</i> , 2013 , 219, 9408-9423	2.7	75
44	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	5.4	69
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38	Delay-dependent exponential stability results for uncertain stochastic Hopfield neural networks with interval time-varying delays. <i>Arabian Journal of Mathematics</i> , 2012 , 1, 227-239	0.8	1
37	Delay-dependent stability of neutral systems with time-varying delays using delay-decomposition approach. <i>Applied Mathematical Modelling</i> , 2012 , 36, 2253-2261	4.5	75

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25	Stability results for stochastic bidirectional associative memory neural networks with multiple discrete and distributed time-varying delays. <i>International Journal of Computer Mathematics</i> , 2011 , 88, 1358-1372	1.2	6
24	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	3.7	73
23	Passivity analysis for neural networks of neutral type with Markovian jumping parameters and time delay in the leakage term. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011 , 16, 4422-4437 ⁷⁰	3.7	70
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16	Global exponential stability results for neutral-type impulsive neural networks. <i>Nonlinear Analysis: Real World Applications</i> , 2010 , 11, 122-130	2.1	81
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14	On exponential stability results for fuzzy impulsive neural networks. <i>Fuzzy Sets and Systems</i> , 2010 , 161, 1823-1835	3.7	37
13	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	2.1	111
12	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	2.7	22
11	Global exponential stability results for delayed neural networks of neutral type. <i>International Journal of Computer Mathematics</i> , 2009 , 86, 1591-1602	1.2	6
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9	Delay-interval dependent robust stability criteria for stochastic neural networks with linear fractional uncertainties. <i>Neurocomputing</i> , 2009 , 72, 3675-3682	5.4	42
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