R Rakkiyappan

List of Publications by Citations

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	Finite-time synchronization of fractional-order memristor-based neural networks with time delays. *Neural Networks*, **2016**, 73, 36-46	9.1	191
196	Existence and uniform stability analysis of fractional-order complex-valued neural networks with time delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2015**, 26, 84-97	10.3	181
195	Exponential input-to-state stability of stochastic Cohen Grossberg neural networks with mixed delays. *Nonlinear Dynamics*, **2015**, 79, 1085-1098	5	171
194	Synchronization of an Inertial Neural Network With Time-Varying Delays and Its Application to Secure Communication. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 195-207	10.3	157
193	Existence and global stability analysis of equilibrium of fuzzy cellular neural networks with time delay in the leakage term under impulsive perturbations. *Journal of the Franklin Institute*, **2011**, 348, 135-155	4	148
192	Finite-time stability analysis of fractional-order complex-valued memristor-based neural networks with time delays. *Nonlinear Dynamics*, **2014**, 78, 2823-2836	5	139
191	Impulsive controller design for exponential synchronization of chaotic neural networks with mixed delays. *Communications in Nonlinear Science and Numerical Simulation*, **2013**, 18, 1515-1523	3.7	130
190	Exponential H filtering analysis for discrete-time switched neural networks with random delays using sojourn probabilities. *Science China Technological Sciences*, **2016**, 59, 387-402	3.5	126
189	Dissipativity analysis of memristor-based complex-valued neural networks with time-varying delays. *Information Sciences*, **2015**, 294, 645-665	7.7	125
188	Stochastic stability of Markovian jump BAM neural networks with leakage delays and impulse control. *Neurocomputing*, **2014**, 136, 136-151	5.4	112
187	Existence, uniqueness and stability analysis of recurrent neural networks with time delay in the leakage term under impulsive perturbations. *Nonlinear Analysis: Real World Applications*, **2010**, 11, 4092-4108	2.1	111
186	Persistent impulsive effects on stability of functional differential equations with finite or infinite delay. *Applied Mathematics and Computation*, **2018**, 329, 14-22	2.7	105
185	Fractional-order delayed predator prey systems with Holling type-II functional response. *Nonlinear Dynamics*, **2015**, 80, 777-789	5	96
184	Synchronization of memristor-based recurrent neural networks with two delay components based on second-order reciprocally convex approach. *Neural Networks*, **2014**, 57, 79-93	9.1	94
183	Interval-valued intuitionistic hesitant fuzzy entropy based VIKOR method for industrial robots selection. *Expert Systems With Applications*, **2019**, 121, 28-37	7.8	89
182	Synchronization of reaction diffusion neural networks with time-varying delays via stochastic sampled-data controller. *Nonlinear Dynamics*, **2015**, 79, 485-500	5	88
181	Sampled-Data (H_{infty }) Synchronization of Chaotic Lur e Systems with Time Delay. *Circuits, Systems, and Signal Processing*, **2016**, 35, 811-835	2.2	84

180	Passivity and Passification of Memristor-Based Recurrent Neural Networks With Additive Time-Varying Delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2015**, 26, 2043-57	10.3	84
179	Pinning sampled-data synchronization of coupled inertial neural networks with reaction-diffusion terms and time-varying delays. *Neurocomputing*, **2017**, 227, 101-107	5.4	84
178	Global exponential stability results for neutral-type impulsive neural networks. *Nonlinear Analysis: Real World Applications*, **2010**, 11, 122-130	2.1	81
177	Stability analysis of fractional-order complex-valued neural networks with time delays. *Chaos, Solitons and Fractals*, **2015**, 78, 297-316	9.3	79
176	Exponential synchronization of Markovian jumping chaotic neural networks with sampled-data and saturating actuators. *Nonlinear Analysis: Hybrid Systems*, **2017**, 24, 28-44	4.5	76
175	Delay-dependent stability of neutral systems with time-varying delays using delay-decomposition approach. *Applied Mathematical Modelling*, **2012**, 36, 2253-2261	4.5	75
174	Stability criteria for BAM neural networks with leakage delays and probabilistic time-varying delays. *Applied Mathematics and Computation*, **2013**, 219, 9408-9423	2.7	75
173	Delay-dependent asymptotic stability for stochastic delayed recurrent neural networks with time varying delays. *Applied Mathematics and Computation*, **2008**, 198, 526-533	2.7	75
172	Leakage Delays in T□ Fuzzy Cellular Neural Networks. *Neural Processing Letters*, **2011**, 33, 111-136	2.4	74
171	Dissipativity and stability analysis of fractional-order complex-valued neural networks with time delay. *Neural Networks*, **2017**, 86, 42-53	9.1	73
170	Delay-dependent robust exponential state estimation of Markovian jumping fuzzy Hopfield neural networks with mixed random time-varying delays. *Communications in Nonlinear Science and Numerical Simulation*, **2011**, 16, 2109-2129	3.7	73
169	Impulsive controller design for exponential synchronization of delayed stochastic memristor-based recurrent neural networks. *Neurocomputing*, **2016**, 173, 1348-1355	5.4	72
168	Stability and synchronization analysis of inertial memristive neural networks with time delays. *Cognitive Neurodynamics*, **2016**, 10, 437-51	4.2	72
167	Stochastic sampled-data control for synchronization of complex dynamical networks with control packet loss and additive time-varying delays. *Neural Networks*, **2015**, 66, 46-63	9.1	72
166	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	3.7	70
165	A delay partitioning approach to delay-dependent stability analysis for neutral type neural networks with discrete and distributed delays. *Neurocomputing*, **2013**, 111, 81-89	5.4	69
164	Adaptive control for fractional order induced chaotic fuzzy cellular neural networks and its application to image encryption. *Information Sciences*, **2019**, 491, 74-89	7.7	68
163	New global exponential stability results for neutral type neural networks with distributed time delays. *Neurocomputing*, **2008**, 71, 1039-1045	5.4	68

162	Adaptive Fractional Fuzzy Integral Sliding Mode Control for PMSM Model. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 1674-1686	8.3	67
161	Adaptive Synchronization of Reaction-Diffusion Neural Networks and Its Application to Secure Communication. *IEEE Transactions on Cybernetics*, **2020**, 50, 911-922	10.2	66
160	Further analysis of global □stability of complex-valued neural networks with unbounded time-varying delays. *Neural Networks*, **2015**, 67, 14-27	9.1	64
159	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		64
158	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	2.3	59
157	Exponential synchronization criteria for Markovian jumping neural networks with time-varying delays and sampled-data control. *Nonlinear Analysis: Hybrid Systems*, **2014**, 14, 16-37	4.5	58
156	Multiple □stability analysis of complex-valued neural networks with unbounded time-varying delays. *Neurocomputing*, **2015**, 149, 594-607	5.4	57
155	Complete Stability Analysis of Complex-Valued Neural Networks with Time Delays and Impulses. *Neural Processing Letters*, **2015**, 41, 435-468	2.4	57
154	Non-Fragile Synchronization Control For Markovian Jumping Complex Dynamical Networks With Probabilistic Time-Varying Coupling Delays. *Asian Journal of Control*, **2015**, 17, 1678-1695	1.7	56
153	Analysis of global O(t(-ℌ) stability and global asymptotical periodicity for a class of fractional-order complex-valued neural networks with time varying delays. *Neural Networks*, **2016**, 77, 51-69	9.1	56
152	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, 3215-26	10.3	55
151	Synchronization and periodicity of coupled inertial memristive neural networks with supremums. *Neurocomputing*, **2016**, 214, 739-749	5.4	55
150	Exponential synchronization of Markovian jumping neural networks with partly unknown transition probabilities via stochastic sampled-data control. *Neurocomputing*, **2014**, 133, 385-398	5.4	54
149	New delay-dependent stability criteria for switched Hopfield neural networks of neutral type with additive time-varying delay components. *Neurocomputing*, **2015**, 151, 827-834	5.4	53
148	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	3.7	53
147	Stability of stochastic neural networks of neutral type with Markovian jumping parameters: A delay-fractioning approach. *Journal of the Franklin Institute*, **2014**, 351, 1553-1570	4	52
146	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	3.3	52
145	Global robust asymptotic stability analysis of uncertain switched Hopfield neural networks with time delay in the leakage term. *Neural Computing and Applications*, **2012**, 21, 1593-1616	4.8	51

144	Existence and Global Asymptotic Stability of Fuzzy Cellular Neural Networks with Time Delay in the Leakage Term and Unbounded Distributed Delays. *Circuits, Systems, and Signal Processing*, **2011**, 30, 1595-1616	2.2	51
143	Pinning sampled-data control for synchronization of complex networks with probabilistic time-varying delays using quadratic convex approach. *Neurocomputing*, **2015**, 162, 26-40	5.4	50
142	Hybrid projective synchronization of fractional-order memristor-based neural networks with time delays. *Nonlinear Dynamics*, **2016**, 83, 419-432	5	49
141	State estimation of memristor-based recurrent neural networks with time-varying delays based on passivity theory. *Complexity*, **2014**, 19, 32-43	1.6	49
140	Passivity and passification of memristor-based complex-valued recurrent neural networks with interval time-varying delays. *Neurocomputing*, **2014**, 144, 391-407	5.4	48
139	LMI conditions for global asymptotic stability results for neutral-type neural networks with distributed time delays. *Applied Mathematics and Computation*, **2008**, 204, 317-324	2.7	48
138	Synchronization of nonlinear singularly perturbed complex networks with uncertain inner coupling via event triggered control. *Applied Mathematics and Computation*, **2017**, 311, 283-299	2.7	47
137	Impulsive synchronization of Markovian jumping randomly coupled neural networks with partly unknown transition probabilities via multiple integral approach. *Neural Networks*, **2015**, 70, 27-38	9.1	47
136	LMI-based stability for singularly perturbed nonlinear impulsive differential systems with delays of small parameter. *Applied Mathematics and Computation*, **2015**, 250, 798-804	2.7	47
135	Synchronization of Identical and Nonidentical Memristor-based Chaotic Systems Via Active Backstepping Control Technique. *Circuits, Systems, and Signal Processing*, **2015**, 34, 763-778	2.2	47
134	Passivity Analysis of Memristor-Based Complex-Valued Neural Networks with Time-Varying Delays. *Neural Processing Letters*, **2015**, 42, 517-540	2.4	47
133	Stability analysis of memristor-based fractional-order neural networks with different memductance functions. *Cognitive Neurodynamics*, **2015**, 9, 145-77	4.2	47
132	Delay-dependent robust asymptotic state estimation of TakagiSugeno fuzzy Hopfield neural networks with mixed interval time-varying delays. *Expert Systems With Applications*, **2012**, 39, 472-481	7.8	47
131	Delay dependent stability analysis of neutral systems with mixed time-varying delays and nonlinear perturbations. *Journal of Computational and Applied Mathematics*, **2011**, 235, 2147-2156	2.4	47
130	Dynamic analysis of Markovian jumping impulsive stochastic Cohen□Grossberg neural networks with discrete interval and distributed time-varying delays. *Nonlinear Analysis: Hybrid Systems*, **2009**, 3, 408-417	4.5	45
129	An improved stability criterion for generalized neural networks with additive time-varying delays. *Neurocomputing*, **2016**, 171, 615-624	5.4	44
128	Sampled-data state estimation for Markovian jumping fuzzy cellular neural networks with mode-dependent probabilistic time-varying delays. *Applied Mathematics and Computation*, **2013**, 221, 741-769	2.7	42
127	Delay-interval dependent robust stability criteria for stochastic neural networks with linear fractional uncertainties. *Neurocomputing*, **2009**, 72, 3675-3682	5.4	42

126	Global dissipativity of memristor-based complex-valued neural networks with time-varying delays. *Neural Computing and Applications*, **2016**, 27, 629-649	4.8	40
125	Exponential stability of Markovian jumping stochastic Cohen□Grossberg neural networks with mode-dependent probabilistic time-varying delays and impulses. *Neurocomputing*, **2014**, 131, 265-277	5.4	40
124	Stability analysis of the differential genetic regulatory networks model with time-varying delays and Markovian jumping parameters. *Nonlinear Analysis: Hybrid Systems*, **2014**, 14, 1-15	4.5	40
123	Delay-dependent robust stability analysis for Markovian jumping stochastic Cohen□Grossberg neural networks with discrete interval and distributed time-varying delays. *Nonlinear Analysis: Hybrid Systems*, **2009**, 3, 207-214	4.5	40
122	Global asymptotic stability of stochastic recurrent neural networks with multiple discrete delays and unbounded distributed delays. *Applied Mathematics and Computation*, **2008**, 204, 680-686	2.7	40
121	On the stability of impulsive functional differential equations with infinite delays. *Mathematical Methods in the Applied Sciences*, **2015**, 38, 3130-3140	2.3	38
120	Delay dependent stability results for fuzzy BAM neural networks with Markovian jumping parameters. *Expert Systems With Applications*, **2011**, 38, 121-130	7.8	38
119	Stability results for Takagi□Sugeno fuzzy uncertain BAM neural networks with time delays in the leakage term. *Neural Computing and Applications*, **2013**, 22, 203-219	4.8	37
118	Effects of leakage time-varying delays in Markovian jump neural networks with impulse control. *Neurocomputing*, **2013**, 121, 365-378	5.4	37
117	On Fractional SIRC Model withSalmonellaBacterial Infection. *Abstract and Applied Analysis*, **2014**, 2014, 1-9	0.7	37
116	On exponential stability results for fuzzy impulsive neural networks. *Fuzzy Sets and Systems*, **2010**, 161, 1823-1835	3.7	37
115	Synchronization of singular Markovian jumping complex networks with additive time-varying delays via pinning control. *Journal of the Franklin Institute*, **2015**, 352, 3178-3195	4	34
114	Event-triggered H state estimation for semi-Markov jumping discrete-time neural networks with quantization. *Neural Networks*, **2018**, 105, 236-248	9.1	34
113	Delay-dependent global asymptotic stability criteria for stochastic genetic regulatory networks with Markovian jumping parameters. *Applied Mathematical Modelling*, **2012**, 36, 1718-1730	4.5	33
112	Stochastic stability of Markovian jumping uncertain stochastic genetic regulatory networks with interval time-varying delays. *Mathematical Biosciences*, **2010**, 226, 97-108	3.9	32
111	State estimation for fuzzy cellular neural networks with time delay in the leakage term, discrete and unbounded distributed delays. *Computers and Mathematics With Applications*, **2011**, 62, 3959-3972	2.7	29
110	Improved delay-dependent stability criteria for neutral systems with mixed interval time-varying delays and nonlinear disturbances. *Journal of the Franklin Institute*, **2017**, 354, 1169-1194	4	28
109	New delay range□dependent stability criteria for interval time-varying delay systems via Wirtinger-based inequalities. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 661-677	3.6	28

108	Stability analysis of memristor-based complex-valued recurrent neural networks with time delays. *Complexity*, **2016**, 21, 14-39	1.6	27
107	Synchronization of memristor-based delayed BAM neural networks with fractional-order derivatives. *Complexity*, **2016**, 21, 412-426	1.6	27
106	Delay-probability-distribution-dependent stability of uncertain stochastic genetic regulatory networks with mixed time-varying delays: An LMI approach. *Nonlinear Analysis: Hybrid Systems*, **2010**, 4, 600-607	4.5	27
105	Sampled-data synchronization of randomly coupled reaction–diffusion neural networks with Markovian jumping and mixed delays using multiple integral approach. *Neural Computing and Applications*, **2017**, 28, 449-462	4.8	26
104	Leader-following consensus of multi-agent systems via sampled-data control with randomly missing data. *Neurocomputing*, **2015**, 161, 132-147	5.4	26
103	Leakage-delay-dependent stability analysis of Markovian jumping linear systems with time-varying delays and nonlinear perturbations. *Applied Mathematical Modelling*, **2016**, 40, 5026-5043	4.5	26
102	Global Passivity Analysis of Interval Neural Networks with Discrete and Distributed Delays of Neutral Type. *Neural Processing Letters*, **2010**, 32, 109-130	2.4	26
101	A fractional-order model for Ebola virus infection with delayed immune response on heterogeneous complex networks. *Journal of Computational and Applied Mathematics*, **2018**, 339, 134-146	2.4	26
100	Exponential synchronization of Lur'e complex dynamical networks with uncertain inner coupling and pinning impulsive control. *Applied Mathematics and Computation*, **2017**, 307, 217-231	2.7	25
99	Exponential stability for markovian jumping stochastic BAM neural networks with mode-dependent probabilistic time-varying delays and impulse control. *Complexity*, **2015**, 20, 39-65	1.6	25
98	Sampled-data synchronization and state estimation for nonlinear singularly perturbed complex networks with time-delays. *Nonlinear Dynamics*, **2016**, 84, 1623-1636	5	25
97	Stability and Hopf bifurcation analysis of fractional-order complex-valued neural networks with time delays. *Advances in Difference Equations*, **2017**, 2017,	3.6	25
96	Design of sampled data state estimator for Markovian jumping neural networks with leakage time-varying delays and discontinuous Lyapunov functional approach. *Nonlinear Dynamics*, **2013**, 73, 1367-1383	5	25
95	Delay-interval-dependent robust stability results for uncertain stochastic systems with Markovian jumping parameters. *Nonlinear Analysis: Hybrid Systems*, **2011**, 5, 681-691	4.5	25
94	Stochastic sampled-data H∞ synchronization of coupled neutral-type delay partial differential systems. *Journal of the Franklin Institute*, **2015**, 352, 4480-4502	4	24
93	Non-fragile synchronization control for complex networks with additive time-varying delays. *Complexity*, **2015**, 21, 296-321	1.6	24
92	Cluster synchronization for T–S fuzzy complex networks using pinning control with probabilistic time-varying delays. *Complexity*, **2015**, 21, 59-77	1.6	24
91	Delay-dependent robust stability analysis of uncertain stochastic neural networks with discrete interval and distributed time-varying delays. *Neurocomputing*, **2009**, 72, 3231-3237	5.4	24

90	Delay-dependent stability analysis for a class of dynamical systems with leakage delay and nonlinear perturbations. *Applied Mathematics and Computation*, **2014**, 226, 10-19	2.7	23
89	Exponential state estimation of Markovian jumping genetic regulatory networks with mode-dependent probabilistic time-varying delays. *Mathematical Biosciences*, **2014**, 251, 30-53	3.9	22
88	Exponential stability results for uncertain neutral systems with interval time-varying delays and Markovian jumping parameters. *Applied Mathematics and Computation*, **2010**, 216, 3396-3407	2.7	22
87	State estimator for neural networks with sampled data using discontinuous Lyapunov functional approach. *Nonlinear Dynamics*, **2013**, 73, 509-520	5	21
86	Stochastic Sampled-Data Control for Exponential Synchronization of Markovian Jumping Complex Dynamical Networks with Mode-Dependent Time-Varying Coupling Delay. *Circuits, Systems, and Signal Processing*, **2015**, 34, 153-183	2.2	21
85	A fractional-order delay differential model for Ebola infection and CD8+ T-cells response: Stability analysis and Hopf bifurcation. *International Journal of Biomathematics*, **2017**, 10, 1750111	1.8	20
84	Stochastic sampled data robust stabilisation of T-S fuzzy neutral systems with randomly occurring uncertainties and time-varying delays. *International Journal of Systems Science*, **2016**, 47, 2247-2263	2.3	20
83	A delay decomposition approach to fuzzy Markovian jumping genetic regulatory networks with time-varying delays. *Fuzzy Sets and Systems*, **2011**, 164, 82-100	3.7	20
82	Stabilization of stochastic delayed systems: Event-triggered impulsive control. *Applied Mathematics and Computation*, **2021**, 401, 126054	2.7	20
81	Delayed state-feedback control for stabilization of neural networks with leakage delay. *Neural Networks*, **2018**, 105, 249-255	9.1	20
80	Synchronization of discrete-time Markovian jump complex dynamical networks with random delays via non-fragile control. *Journal of the Franklin Institute*, **2016**, 353, 4300-4329	4	18
79	Hybrid Projective Synchronization of Fractional-Order Chaotic Complex Nonlinear Systems With Time Delays. *Journal of Computational and Nonlinear Dynamics*, **2016**, 11,	1.4	18
78	Robust Stochastic Sampled-Data H□Control for a Class of Mechanical Systems With Uncertainties. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2015**, 137,	1.6	18
77	Delay-dependent global asymptotic stability criteria for genetic regulatory networks with time delays in the leakage term. *Physica Scripta*, **2011**, 84, 055007	2.6	18
76	LMI conditions for stability of stochastic recurrent neural networks with distributed delays. *Chaos, Solitons and Fractals*, **2009**, 40, 1688-1696	9.3	18
75	Stochastic sampled-data stabilization of neural-network-based control systems. *Nonlinear Dynamics* , **2015**, 81, 1823-1839	5	17
74	Non-fragile finite-time l2□□state estimation for discrete-time neural networks with semi-Markovian switching and random sensor delays based on Abel lemma approach. *Nonlinear Analysis: Hybrid Systems*, **2018**, 29, 283-302	4.5	17
73	Comparison principle for impulsive functional differential equations with infinite delays and applications. *Communications in Nonlinear Science and Numerical Simulation*, **2018**, 57, 309-321	3.7	17

72	Stability analysis of nonlinear telerobotic systems with time-varying communication channel delays using general integral inequalities. *Information Sciences*, **2018**, 465, 353-372	7.7	17
71	Linear matrix inequality approach for synchronization control of fuzzy cellular neural networks with mixed time delays. *Chinese Physics B*, **2012**, 21, 048402	1.2	17
70	Delayed impulsive synchronization of nonlinearly coupled Markovian jumping complex dynamical networks with stochastic perturbations. *Nonlinear Dynamics*, **2017**, 88, 1917-1934	5	16
69	Leader-following consensus for networked multi-teleoperator systems via stochastic sampled-data control. *Neurocomputing*, **2015**, 164, 272-280	5.4	16
68	m-stability criteria for nonlinear differential systems with additive leakage and transmission time-varying delays. *Nonlinear Analysis: Modelling and Control*, **2018**, 23, 380-400	1.3	16
67	Exponential Synchronization of Inertial Memristor-Based Neural Networks with Time Delay Using Average Impulsive Interval Approach. *Neural Processing Letters*, **2019**, 50, 2053-2071	2.4	15
66	Event triggered reliable synchronization of semi-Markovian jumping complex dynamical networks via generalized integral inequalities. *Journal of the Franklin Institute*, **2018**, 355, 3691-3716	4	15
65	Robust □stability analysis of Markovian switching uncertain stochastic genetic regulatory networks with unbounded time-varying delays. *Communications in Nonlinear Science and Numerical Simulation* , **2012**, 17, 3894-3905	3.7	15
64	Bilateral Teleoperation of Single-Master Multislave Systems With Semi-Markovian Jump Stochastic Interval Time-Varying Delayed Communication Channels. *IEEE Transactions on Cybernetics*, **2021**, 51, 247-257	10.2	15
63	Dynamical analysis of antigen-driven T-cell infection model with multiple delays. *Applied Mathematics and Computation*, **2019**, 354, 266-281	2.7	14
62	Robust stability analysis of stochastic neural networks with Markovian jumping parameters and probabilistic time-varying delays. *Complexity*, **2016**, 21, 59-72	1.6	13
61	Pinning sampled-data synchronization of complex dynamical networks with Markovian jumping and mixed delays using multiple integral approach. *Complexity*, **2016**, 21, 622-632	1.6	11
60	. *Journal of the Franklin Institute*, **2016**, 353, 1358-1385	4	11
59	Exponential synchronization of complex dynamical networks with Markovian jumping parameters using sampled-data and mode-dependent probabilistic time-varying delays. *Chinese Physics B*, **2014**, 23, 020205	1.2	11
58	Non-fragile robust synchronization for Markovian jumping chaotic neural networks of neutral-type with randomly occurring uncertainties and mode-dependent time-varying delays. *ISA Transactions*, **2014**, 53, 1760-70	5.5	11
57	Improved stability criteria for neutral type Lur□ systems with time-varying delays. *Applied Mathematics Letters*, **2014**, 38, 168-173	3.5	11
56	Dynamic analysis for high-order Hopfield neural networks with leakage delay and impulsive effects. *Neural Computing and Applications*, **2013**, 22, 55-73	4.8	11
55	Quasi-Synchronization and Bifurcation Results on Fractional-Order Quaternion-Valued Neural Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 4063-4072	10.3	11

54	Applications of Delay Differential Equations in Biological Systems. *Complexity*, **2018**, 2018, 1-3	1.6	11
53	Robust non-fragile control for offshore steel jacket platform with nonlinear perturbations. *Nonlinear Dynamics*, **2015**, 81, 2043-2057	5	10
52	Asymptotic synchronization of continuous/discrete complex dynamical networks by optimal partitioning method. *Complexity*, **2015**, 21, 193-210	1.6	10
51	Synchronization of fractional-order different memristor-based chaotic systems using active control. *Canadian Journal of Physics*, **2014**, 92, 1688-1695	1.1	10
50	Global exponential stability for neutral-type BAM neural networks with time-varying delays. *International Journal of Computer Mathematics*, **2010**, 87, 2064-2075	1.2	10
49	Fractional-order discontinuous systems with indefinite LKFs: An application to fractional-order neural networks with time delays. *Neural Networks*, **2022**, 145, 319-330	9.1	10
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47	Extended dissipativity state estimation for switched discrete-time complex dynamical networks with multiple communication channels: A sojourn probability dependent approach. *Neurocomputing* , **2017**, 267, 55-68	5.4	9
46	Stationary oscillation of interval fuzzy cellular neural networks with mixed delays under impulsive perturbations. *Neural Computing and Applications*, **2013**, 22, 1645-1654	4.8	9
45	Effects of bounded and unbounded leakage time-varying delays in memristor-based recurrent neural networks with different memductance functions. *Neurocomputing*, **2016**, 202, 67-83	5.4	9
44	A Fractional-Order Model for Zika Virus Infection with Multiple Delays. *Complexity*, **2019**, 2019, 1-20	1.6	9
43	Non-weighted H state estimation for discrete-time switched neural networks with persistent dwell time switching regularities based on Finsler s lemma. *Neurocomputing*, **2017**, 260, 131-141	5.4	8
42	Synchronization of generalized reaction-diffusion neural networks with time-varying delays based on general integral inequalities and sampled-data control approach. *Cognitive Neurodynamics*, **2017** , 11, 369-381	4.2	8
41	Globally exponential stability of nonlinear impulsive switched systems. *Mathematical Notes*, **2015**, 97, 803-810	0.5	8
40	Mittag-Leffler stability analysis of multiple equilibrium points in impulsive fractional-order quaternion-valued neural networks. *Frontiers of Information Technology and Electronic Engineering*, **2020**, 21, 234-246	2.2	8
39	state estimation of discrete-time markov jump neural networks with general transition probabilities and output quantization. *Journal of Difference Equations and Applications*, **2017**, 23, 1824-1852	1	8
38	Exponential synchronization of chaotic Lur'e systems with time-varying delay via sampled-data control. *Chinese Physics B*, **2014**, 23, 060504	1.2	8
37	Robust asymptotic state estimation of Takagi Sugeno fuzzy Markovian jumping Hopfield neural networks with mixed interval time-varying delays. *Mathematical Methods in the Applied Sciences*, **2011**, 34, 2197-2207	2.3	8

36	Almost periodic dynamics of memristive inertial neural networks with mixed delays. *Information Sciences*, **2020**, 536, 332-350	7.7	8
35	Fractional-order delay differential equations for the dynamics of hepatitis C virus infection with IFN-α treatment. *AEJ - Alexandria Engineering Journal*, **2021**, 60, 4761-4774	6.1	8
34	Exponential (H_{infty }) Synchronization of Lurê Complex Dynamical Networks Using Pinning Sampled-Data Control. *Circuits, Systems, and Signal Processing*, **2017**, 36, 3958-3982	2.2	7
33	Finite-time and fixed-time synchronization control of discontinuous fuzzy Cohen-Grossberg neural networks with uncertain external perturbations and mixed time delays. *Fuzzy Sets and Systems*, **2021**, 411, 105-135	3.7	7
32	Impulsive effect on exponential synchronization of neural networks with leakage delay under sampled-data feedback control. *Chinese Physics B*, **2014**, 23, 070205	1.2	6
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29	Stability results for stochastic bidirectional associative memory neural networks with multiple discrete and distributed time-varying delays. *International Journal of Computer Mathematics*, **2011**, 88, 1358-1372	1.2	6
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