

P Balasubramaniam

List of Publications by Year in descending order

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289
papers

7,706
citations

50170

46
h-index

106150

65
g-index

293
all docs

293
docs citations

293
times ranked

2954
citing authors

#	ARTICLE	IF	CITATIONS
1	Synchronization of Markovian jumping inertial neural networks and its applications in image encryption. <i>Neural Networks</i> , 2016, 83, 86-93.	3.3	167
2	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
3	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
4	Image fusion using intuitionistic fuzzy sets. <i>Information Fusion</i> , 2014, 20, 21-30.	11.7	110
5	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
6	Global exponential stability results for neutral-type impulsive neural networks. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 122-130.	0.9	96
7	Improved results on robust stability of neutral systems with mixed time-varying delays and nonlinear perturbations. <i>Applied Mathematical Modelling</i> , 2011, 35, 5355-5368.	2.2	94
8	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
9	Approximate controllability of a class of fractional neutral stochastic integro-differential inclusions with infinite delay by using Mainardi's function. <i>Applied Mathematics and Computation</i> , 2015, 256, 232-246.	1.4	87
10	Feedback synchronization of the fractional order reverse butterfly-shaped chaotic system and its application to digital cryptography. <i>Nonlinear Dynamics</i> , 2013, 74, 1169-1181.	2.7	85
11	Controllability for neutral stochastic functional differential inclusions with infinite delay in abstract space. <i>Journal of Mathematical Analysis and Applications</i> , 2006, 324, 161-176.	0.5	81
12	A review of online learning in supervised neural networks. <i>Neural Computing and Applications</i> , 2014, 25, 491-509.	3.2	81
13	Leakage Delays in Fuzzy Cellular Neural Networks. <i>Neural Processing Letters</i> , 2011, 33, 111-136.	2.0	79
14	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
15	New global exponential stability results for neutral type neural networks with distributed time delays. <i>Neurocomputing</i> , 2008, 71, 1039-1045.	3.5	76
16	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.	1.7	75
17	Stability analysis of uncertain fuzzy Hopfield neural networks with time delays. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2009, 14, 2776-2783.	1.7	74
18	State estimation for Markovian jumping recurrent neural networks with interval time-varying delays. <i>Nonlinear Dynamics</i> , 2010, 60, 661-675.	2.7	72

#	ARTICLE	IF	CITATIONS
19	State Estimation for Genetic Regulatory Networks With Mode-Dependent Leakage Delays, Time-Varying Delays, and Markovian Jumping Parameters. <i>IEEE Transactions on Nanobioscience</i> , 2013, 12, 363-375.	2.2	72
20	Global asymptotic stability of stochastic BAM neural networks with distributed delays and reaction-diffusion terms. <i>Journal of Computational and Applied Mathematics</i> , 2010, 234, 3458-3466.	1.1	70
21	Global asymptotic stability of BAM fuzzy cellular neural networks with time delay in the leakage term, discrete and unbounded distributed delays. <i>Mathematical and Computer Modelling</i> , 2011, 53, 839-853.	2.0	70
22	Global asymptotic stability of stochastic fuzzy cellular neural networks with multiple time-varying delays. <i>Expert Systems With Applications</i> , 2010, 37, 7737-7744.	4.4	67
23	Robust stability results for uncertain stochastic neural networks with discrete interval and distributed time-varying delays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 5290-5298.	0.9	66
24	Theoretical and practical applications of fuzzy fractional integral sliding mode control for fractional-order dynamical system. <i>Nonlinear Dynamics</i> , 2015, 80, 249-267.	2.7	62
25	Design of state estimator for neural networks with leakage, discrete and distributed delays. <i>Applied Mathematics and Computation</i> , 2012, 218, 11297-11310.	1.4	60
26	Synchronization and an application of a novel fractional order King Cobra chaotic system. <i>Chaos</i> , 2014, 24, 033105.	1.0	59
27	Synchronization of a novel fractional order stretch-twist-fold (STF) flow chaotic system and its application to a new authenticated encryption scheme (AES). <i>Nonlinear Dynamics</i> , 2014, 77, 1547-1559.	2.7	59
28	Robust stability analysis for discrete-time uncertain neural networks with leakage time-varying delay. <i>Neurocomputing</i> , 2015, 151, 808-816.	3.5	59
29	Sliding mode control design for synchronization of fractional order chaotic systems and its application to a new cryptosystem. <i>International Journal of Dynamics and Control</i> , 2017, 5, 115-123.	1.5	59
30	Delay-dependent stability criterion for a class of non-linear singular Markovian jump systems with mode-dependent interval time-varying delays. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2012, 17, 3612-3627.	1.7	58
31	The Solvability and Optimal Controls for Impulsive Fractional Stochastic Integro-Differential Equations via Resolvent Operators. <i>Journal of Optimization Theory and Applications</i> , 2017, 174, 139-155.	0.8	58
32	Delay-dependent robust H_∞ control for uncertain stochastic T-S fuzzy systems with time-varying state and input delays. <i>International Journal of Systems Science</i> , 2011, 42, 877-887.	3.7	56
33	Delay-Dependent Robust Stabilization and H_∞ Control for Nonlinear Stochastic Systems with Markovian Jump Parameters and Interval Time-Varying Delays. <i>Journal of Optimization Theory and Applications</i> , 2011, 151, 100-120.	0.8	55
34	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
35	Approximate Controllability of Impulsive Fractional Integro-Differential Systems with Nonlocal Conditions in Hilbert Space. <i>Numerical Functional Analysis and Optimization</i> , 2014, 35, 177-197.	0.6	55
36	Image encryption method based on chaotic fuzzy cellular neural networks. <i>Signal Processing</i> , 2017, 140, 87-96.	2.1	55

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37	Dynamic analysis of Markovian jumping impulsive stochastic Cohenâ€™Grossberg neural networks with discrete interval and distributed time-varying delays. <i>Nonlinear Analysis: Hybrid Systems</i> , 2009, 3, 408-417.	2.1	54
38	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
39	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
40	Neutral-type of delayed inertial neural networks and their stability analysis using the LMI Approach. <i>Neurocomputing</i> , 2017, 230, 243-250.	3.5	53
41	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
42	Synchronization of chaotic nonlinear continuous neural networks with time-varying delay. <i>Cognitive Neurodynamics</i> , 2011, 5, 361-371.	2.3	49
43	Fast projective synchronization of fractional order chaotic and reverse chaotic systems with its application to an affine cipher using date of birth (DOB). <i>Nonlinear Dynamics</i> , 2015, 80, 1883-1897.	2.7	49
44	Synchronization of recurrent neural networks with mixed time-delays via output coupling with delayed feedback. <i>Nonlinear Dynamics</i> , 2012, 70, 677-691.	2.7	48
45	Delay-dependent robust asymptotic state estimation of Takagiâ€™Sugeno fuzzy Hopfield neural networks with mixed interval time-varying delays. <i>Expert Systems With Applications</i> , 2012, 39, 472-481.	4.4	48
46	Delay-range dependent stability criteria for neural networks with Markovian jumping parameters. <i>Nonlinear Analysis: Hybrid Systems</i> , 2009, 3, 749-756.	2.1	47
47	A delay decomposition approach to delay-dependent passivity analysis for interval neural networks with time-varying delay. <i>Neurocomputing</i> , 2011, 74, 1646-1653.	3.5	47
48	Filtering for neutral Markovian switching system with mode-dependent time-varying delays and partially unknown transition probabilities. <i>Applied Mathematics and Computation</i> , 2013, 219, 9524-9542.	1.4	47
49	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
50	Robust exponential stability of uncertain fuzzy Cohenâ€™Grossberg neural networks with time-varying delays. <i>Fuzzy Sets and Systems</i> , 2010, 161, 608-618.	1.6	46
51	Robust stability of uncertain fuzzy BAM neural networks of neutral-type with Markovian jumping parameters and impulses. <i>Computers and Mathematics With Applications</i> , 2011, 62, 1838-1861.	1.4	46
52	Stability of stochastic fuzzy BAM neural networks with discrete and distributed time-varying delays. <i>International Journal of Machine Learning and Cybernetics</i> , 2017, 8, 263-273.	2.3	46
53	Delay-interval dependent robust stability criteria for stochastic neural networks with linear fractional uncertainties. <i>Neurocomputing</i> , 2009, 72, 3675-3682.	3.5	45
54	Delay-dependent robust stability analysis for Markovian jumping stochastic Cohenâ€™Grossberg neural networks with discrete interval and distributed time-varying delays. <i>Nonlinear Analysis: Hybrid Systems</i> , 2009, 3, 207-214.	2.1	45

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55	Synchronization of chaotic systems under sampled-data control. <i>Nonlinear Dynamics</i> , 2012, 70, 1977-1987.	2.7	45
56	Chaotic synchronization of Rikitake system based on T-S fuzzy control techniques. <i>Nonlinear Dynamics</i> , 2013, 74, 31-44.	2.7	45
57	Approximate controllability of fractional stochastic differential equations driven by mixed fractional Brownian motion via resolvent operators. <i>International Journal of Control</i> , 2017, 90, 1713-1727.	1.2	45
58	Sliding mode control for generalized robust synchronization of mismatched fractional order dynamical systems and its application to secure transmission of voice messages. <i>ISA Transactions</i> , 2018, 82, 51-61.	3.1	45
59	Controllability of nonlinear integrodifferential systems in Banach space. <i>Journal of Optimization Theory and Applications</i> , 1995, 84, 83-91.	0.8	44
60	Robust asymptotic stability of fuzzy Markovian jumping genetic regulatory networks with time-varying delays by delay decomposition approach. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011, 16, 928-939.	1.7	44
61	Stability analysis of fuzzy Markovian jumping Cohenâ€™Grossberg BAM neural networks with mixed time-varying delays. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011, 16, 2054-2064.	1.7	44
62	Design of state estimator for genetic regulatory networks with time-varying delays and randomly occurring uncertainties. <i>BioSystems</i> , 2013, 111, 51-70.	0.9	44
63	Robust H_∞ control for nonlinear uncertain stochastic Tâ€™S fuzzy systems with time delays. <i>Applied Mathematics Letters</i> , 2011, 24, 1986-1994.	1.5	41
64	Existence and uniqueness of fuzzy solution for semilinear fuzzy integrodifferential equations with nonlocal conditions. <i>Computers and Mathematics With Applications</i> , 2004, 47, 1115-1122.	1.4	40
65	Robust stability of uncertain fuzzy cellular neural networks with time-varying delays and reaction diffusion terms. <i>Neurocomputing</i> , 2010, 74, 439-446.	3.5	40
66	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
67	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
68	An LMI approach for global robust dissipativity analysis of Tâ€™S fuzzy neural networks with interval time-varying delays. <i>Expert Systems With Applications</i> , 2012, 39, 3345-3355.	4.4	40
69	Robust stability for uncertain stochastic fuzzy BAM neural networks with time-varying delays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 5159-5166.	0.9	39
70	On exponential stability results for fuzzy impulsive neural networks. <i>Fuzzy Sets and Systems</i> , 2010, 161, 1823-1835.	1.6	39
71	Stability analysis of Takagiâ€™Sugeno fuzzy Cohenâ€™Grossberg BAM neural networks with discrete and distributed time-varying delays. <i>Mathematical and Computer Modelling</i> , 2011, 53, 151-160.	2.0	39
72	Existence of solutions for semilinear neutral stochastic functional differential equations with nonlocal conditions. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009, 71, 1049-1058.	0.6	38

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73	Robust stability of uncertain fuzzy Cohenâ€“Grossberg BAM neural networks with time-varying delays. Expert Systems With Applications, 2009, 36, 10583-10588.	4.4	38
74	Asymptotic stability of BAM neural networks of neutral-type with impulsive effects and time delay in the leakage term. International Journal of Computer Mathematics, 2011, 88, 3271-3291.	1.0	38
75	Exponential stability of stochastic reactionâ€“diffusion uncertain fuzzy neural networks with mixed delays and Markovian jumping parameters. Expert Systems With Applications, 2012, 39, 3109-3115.	4.4	37
76	Segmentation of gray scale image based on intuitionistic fuzzy sets constructed from several membership functions. Pattern Recognition, 2014, 47, 3870-3880.	5.1	37
77	Non-fragile state observer design for neural networks with Markovian jumping parameters and time-delays. Nonlinear Analysis: Hybrid Systems, 2014, 14, 61-73.	2.1	37
78	Passivity analysis of neural networks with Markovian jumping parameters and interval time-varying delays. Nonlinear Analysis: Hybrid Systems, 2010, 4, 853-864.	2.1	36
79	Synchronization of fuzzy bidirectional associative memory neural networks with various time delays. Applied Mathematics and Computation, 2015, 270, 582-605.	1.4	36
80	Local null controllability of nonlinear functional differential systems in Banach space. Journal of Optimization Theory and Applications, 1996, 88, 61-75.	0.8	35
81	Solution of matrix Riccati differential equation for the linear quadratic singular system using neural networks. Applied Mathematics and Computation, 2006, 182, 1832-1839.	1.4	34
82	Secure Communication via Synchronization of Lurâ€“TME Systems Using Sampled-Data Controller. Circuits, Systems, and Signal Processing, 2014, 33, 37-52.	1.2	34
83	A descriptor system approach to the delay-dependent exponential stability analysis for switched neutral systems with nonlinear perturbations. Nonlinear Analysis: Hybrid Systems, 2015, 15, 23-36.	2.1	34
84	Robust stability analysis for discrete-time neural networks with time-varying leakage delays and random parameter uncertainties. Neurocomputing, 2016, 179, 126-134.	3.5	34
85	A new fuzzy clustering algorithm for the segmentation of brain tumor. Soft Computing, 2016, 20, 4859-4879.	2.1	34
86	Dynamical Analysis of the Hindmarshâ€“Rose Neuron With Time Delays. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1953-1958.	7.2	34
87	State estimation for delayed genetic regulatory networks based on passivity theory. Mathematical Biosciences, 2013, 244, 165-175.	0.9	33
88	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.	2.1	32
89	Global robust passivity analysis for stochastic fuzzy interval neural networks with time-varying delays. Expert Systems With Applications, 2012, 39, 732-742.	4.4	32
90	Tâ€“S fuzzy predictive control for fractional order dynamical systems and its applications. Nonlinear Dynamics, 2016, 86, 751-763.	2.7	32

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91	Low light enhancement algorithm for color images using intuitionistic fuzzy sets with histogram equalization. <i>Multimedia Tools and Applications</i> , 2022, 81, 8093-8106.	2.6	32
92	Null controllability of semilinear integrodifferential systems in Banach space. <i>Applied Mathematics Letters</i> , 1997, 10, 117-123.	1.5	31
93	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
94	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
95	Global asymptotic stability of stochastic fuzzy cellular neural networks with multiple discrete and distributed time-varying delays. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011, 16, 2907-2916.	1.7	31
96	Robust stability analysis for Markovian jumping interval neural networks with discrete and distributed time-varying delays. <i>Chaos, Solitons and Fractals</i> , 2012, 45, 483-495.	2.5	30
97	Robust state estimation for discrete-time genetic regulatory network with random delays. <i>Neurocomputing</i> , 2013, 122, 349-369.	3.5	30
98	A new thresholding technique based on fuzzy set as an application to leukocyte nucleus segmentation. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 134, 165-177.	2.6	30
99	Chaotic synchronization of time-delay coupled Hindmarsh-Rose neurons via nonlinear control. <i>Nonlinear Dynamics</i> , 2016, 86, 1249-1262.	2.7	30
100	Segmentation of nutrient deficiency in incomplete crop images using intuitionistic fuzzy C-means clustering algorithm. <i>Nonlinear Dynamics</i> , 2016, 83, 849-866.	2.7	30
101	Exponential stability of uncertain stochastic fuzzy BAM neural networks with time-varying delays. <i>Neurocomputing</i> , 2009, 72, 1347-1354.	3.5	29
102	Asymptotic stability of Markovian switching genetic regulatory networks with leakage and mode-dependent time delays. <i>Journal of the Franklin Institute</i> , 2016, 353, 1615-1638.	1.9	29
103	Robust Stability Criterion for Discrete-Time Nonlinear Switched Systems with Randomly Occurring Delays via S Fuzzy Approach. <i>Complexity</i> , 2015, 20, 49-61.	0.9	28
104	Controllability and Optimal Control for a Class of Time-Delayed Fractional Stochastic Integro-Differential Systems. <i>Applied Mathematics and Optimization</i> , 2021, 84, 2527-2554.	0.8	28
105	Existence and uniqueness of fuzzy solution for the nonlinear fuzzy integrodifferential equations. <i>Applied Mathematics Letters</i> , 2001, 14, 455-462.	1.5	27
106	Existence of Solutions of Nonlinear Neutral Stochastic Differential Inclusions in a Hilbert Space. <i>Stochastic Analysis and Applications</i> , 2005, 23, 137-151.	0.9	27
107	Optimal control for nonlinear singular systems with quadratic performance using neural networks. <i>Applied Mathematics and Computation</i> , 2007, 187, 1535-1543.	1.4	27
108	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

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109	Approximate Controllability of Neutral Stochastic Functional Differential Systems with Infinite Delay. <i>Stochastic Analysis and Applications</i> , 2010, 28, 389-400.	0.9	27
110	Existence of solutions of functional stochastic differential inclusions. <i>Tamkang Journal of Mathematics</i> , 2002, 33, 25-34.	0.3	27
111	Existence of solutions of semilinear stochastic delay evolution inclusions in a Hilbert space. <i>Journal of Mathematical Analysis and Applications</i> , 2005, 305, 438-451.	0.5	26
112	Approximate Controllability of Second-Order Stochastic Distributed Implicit Functional Differential Systems with Infinite Delay. <i>Journal of Optimization Theory and Applications</i> , 2009, 143, 225-244.	0.8	26
113	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
114	Non-fragile robust stabilization and H_∞ control for uncertain stochastic time delay systems with Markovian jump parameters and nonlinear disturbances. <i>International Journal of Adaptive Control and Signal Processing</i> , 2014, 28, 464-478.	2.3	26
115	Synchronisation of discrete-time complex networks with randomly occurring uncertainties, nonlinearities and time-delays. <i>International Journal of Systems Science</i> , 2014, 45, 1427-1450.	3.7	26
116	Local and Global Existence of Mild Solution for Impulsive Fractional Stochastic Differential Equations. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2015, 38, 867-884.	0.4	25
117	Robust dissipativity and passivity analysis for discrete-time stochastic neural networks with time-varying delay. <i>Complexity</i> , 2016, 21, 47-58.	0.9	25
118	Controllability of fractional higher order stochastic integrodifferential systems with fractional Brownian motion. <i>ISA Transactions</i> , 2018, 82, 107-119.	3.1	25
119	Optimal control for stochastic nonlinear singular system using neural networks. <i>Computers and Mathematics With Applications</i> , 2008, 56, 2145-2154.	1.4	24
120	Existence of solutions and approximate controllability of impulsive fractional stochastic differential systems with infinite delay and Poisson jumps. <i>Applications of Mathematics</i> , 2015, 60, 395-419.	0.9	24
121	A novel audio encryption approach via finite-time synchronization of fractional order hyperchaotic system. <i>Multimedia Tools and Applications</i> , 2021, 80, 18043-18067.	2.6	24
122	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
123	Direct delay decomposition approach to synchronization of chaotic fuzzy cellular neural networks with discrete, unbounded distributed delays and Markovian jumping parameters. <i>Applied Mathematics and Computation</i> , 2015, 254, 291-304.	1.4	23
124	Robust stability and stabilization analysis for discrete-time randomly switched fuzzy systems with known sojourn probabilities. <i>Nonlinear Analysis: Hybrid Systems</i> , 2015, 17, 128-143.	2.1	23
125	Non-instantaneous impulsive Hilfer fractional stochastic differential equations driven by fractional Brownian motion. <i>Stochastic Analysis and Applications</i> , 2021, 39, 549-566.	0.9	23
126	Global exponential stability of uncertain fuzzy BAM neural networks with time-varying delays. <i>Chaos, Solitons and Fractals</i> , 2009, 42, 2191-2199.	2.5	22

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127	New results of robust stability analysis for neutral-type neural networks with time-varying delays and Markovian jumping parameters. The work of authors was supported by Department of Science and Technology, New Delhi, India, under the sanctioned No. SR/S4/MS:485/07.. Canadian Journal of Physics, 2011, 89, 827-840.	0.4	22
128	A delay decomposition approach to fuzzy Markovian jumping genetic regulatory networks with time-varying delays. Fuzzy Sets and Systems, 2011, 164, 82-100.	1.6	22
129	Delay-dependent $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0007.gif" overflow="scroll" \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{mathvariant="script"} \rangle H \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \hat{\zeta} \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle 2, \langle \text{mml:ma} \rangle \rangle$ filtering for complex dynamical networks with time-varying delays in nonlinear function and Mathematics and Computers in Simulation, 2016, 110, 122-133.	2.4	22
130	Mixed $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e72" altimg="si4.svg" \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle H \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\zeta} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle 2, \langle \text{mml:ma} \rangle \rangle$ based stability analysis of fractional-order gene regulatory networks with variable delays. Mathematics and Computers in Simulation, 2022, 192, 167-181.	2.4	22
131	Low contrast enhancement technique for color images using interval-valued intuitionistic fuzzy sets with contrast limited adaptive histogram equalization. Soft Computing, 2022, 26, 4949-4960.	2.1	22
132	Bifurcation analysis of HIV infection model with antibody and cytotoxic T-lymphocyte immune responses and Beddington-DeAngelis functional response. Mathematical Methods in the Applied Sciences, 2015, 38, 1330-1341.	1.2	21
133	Moment stability via resolvent operators of fractional stochastic differential inclusions driven by fractional Brownian motion. Applied Mathematics and Computation, 2017, 305, 299-307.	1.4	21
134	Design of state estimator for BAM fuzzy cellular neural networks with leakage and unbounded distributed delays. Information Sciences, 2017, 397-398, 91-109.	4.0	21
135	Controllability of semilinear stochastic delay evolution equations in Hilbert spaces. International Journal of Mathematics and Mathematical Sciences, 2002, 31, 157-166.	0.3	20
136	Elliptic curve scalar multiplication algorithm using complementary recoding. Applied Mathematics and Computation, 2007, 190, 51-56.	1.4	20
137	LMI conditions for stability of stochastic recurrent neural networks with distributed delays. Chaos, Solitons and Fractals, 2009, 40, 1688-1696.	2.5	20
138	Delay-dependent global asymptotic stability criteria for genetic regulatory networks with time delays in the leakage term. Physica Scripta, 2011, 84, 055007.	1.2	20
139	Delay-interval-dependent robust-stability criteria for neutral stochastic neural networks with polytopic and linear fractional uncertainties. International Journal of Computer Mathematics, 2011, 88, 2001-2015.	1.0	20
140	\hat{H} state-feedback control of time-delay systems using reciprocally convex approach. Journal of Process Control, 2014, 24, 892-904.	1.7	20
141	Admissibility analysis for discrete-time singular systems with randomly occurring uncertainties via delay-divisioning approach. ISA Transactions, 2015, 59, 354-362.	3.1	20
142	A new image denoising method using interval-valued intuitionistic fuzzy sets for the removal of impulse noise. Signal Processing, 2016, 121, 81-93.	2.1	20
143	The Solvability and Optimal Controls for Fractional Stochastic Differential Equations Driven by Poisson Jumps Via Resolvent Operators. Applied Mathematics and Optimization, 2018, 77, 443-462.	0.8	20
144	Optimal control for linear singular system using genetic programming. Applied Mathematics and Computation, 2007, 192, 78-89.	1.4	19

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145	Approximate controllability of second-order damped McKean–Vlasov stochastic evolution equations. <i>Computers and Mathematics With Applications</i> , 2010, 60, 2788-2796.	1.4	19
146	Mean square delay dependent-probability-distribution stability analysis of neutral type stochastic neural networks. <i>ISA Transactions</i> , 2015, 58, 11-19.	3.1	19
147	Synchronization of chaotic-type delayed neural networks and its application. <i>Nonlinear Dynamics</i> , 2018, 93, 543-555.	2.7	19
148	On impulsive Hilfer fractional stochastic differential system driven by Rosenblatt process. <i>Stochastic Analysis and Applications</i> , 2019, 37, 955-976.	0.9	19
149	Ulam–M’s stability of Hilfer fractional stochastic differential systems. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	19
150	Stability result of higher-order fractional neutral stochastic differential system with infinite delay driven by Poisson jumps and Rosenblatt process. <i>Stochastic Analysis and Applications</i> , 2020, 38, 352-372.	0.9	19
151	New delay and order-dependent passivity criteria for impulsive fractional-order neural networks with switching parameters and proportional delays. <i>Neurocomputing</i> , 2021, 454, 113-123.	3.5	19
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