P Balasubramaniam

List of Publications by Year in Descending Order

283 papers	6,282 citations	43 h-index	58 g-index
293 ext. papers	7,038 ext. citations	3 avg, IF	6.66 L-index

#	Paper	IF	Citations
283	Low light enhancement algorithm for color images using intuitionistic fuzzy sets with histogram equalization. *Multimedia Tools and Applications*, **2022**, 81, 8093	2.5	2
282	An exponential stabilization criterion for switched delayed interval type-2 fuzzy systems under admissible edge-dependent average dwell time mechanism. *Information Sciences*, **2022**, 589, 213-234	7.7	2
281	Mixed H∞ passivity based stability analysis of fractional-order gene regulatory networks with variable delays. *Mathematics and Computers in Simulation*, **2022**, 192, 167-181	3.3	3
280	Design of H∞ passive state feedback control for delayed fractional order gene regulatory networks via new improved integral inequalities. *Communications in Nonlinear Science and Numerical Simulation*, **2022**, 106507	3.7	0
279	Solvability of Atangana-Baleanu-Riemann (ABR) fractional stochastic differential equations driven by Rosenblatt process via measure of noncompactness. *Chaos, Solitons and Fractals*, **2022**, 157, 111960	9.3	0
278	Results on passivity analysis of delayed fractional-order neural networks subject to periodic impulses via refined integral inequalities. *Computational and Applied Mathematics*, **2022**, 41, 1	2.4	0
277	Stochastic stability of fractional-order Markovian jumping complex-valued neural networks with time-varying delays. *Neurocomputing*, **2021**, 439, 122-133	5.4	8
276	Exponential stability of nonlinear fractional stochastic system with Poisson jumps. *Stochastics*, **2021**, 93, 945-957	0.6	2
275	Non-instantaneous impulsive Hilfer fractional stochastic differential equations driven by fractional Brownian motion. *Stochastic Analysis and Applications*, **2021**, 39, 549-566	1.1	10
274	A novel audio encryption approach via finite-time synchronization of fractional order hyperchaotic system. *Multimedia Tools and Applications*, **2021**, 80, 18043-18067	2.5	7
273	Optimal control for fractional higher order damped stochastic impulsive systems. *Mathematical Methods in the Applied Sciences*, **2021**, 44, 5930-5952	2.3	0
272	New delay and order-dependent passivity criteria for impulsive fractional-order neural networks with switching parameters and proportional delays. *Neurocomputing*, **2021**, 454, 113-123	5.4	6
271	Exponential stability of impulsive fractional neutral stochastic differential equations. *Journal of Mathematical Physics*, **2021**, 62, 092703	1.2	3
270	Controllability of semilinear noninstantaneous impulsive ABC neutral fractional differential equations. *Chaos, Solitons and Fractals*, **2021**, 152, 111276	9.3	6
269	Detecting Critical Point of Fractional-Order Chemical System with Synchronization and Application to Image Enhancement Technique. *Proceedings of the National Academy of Sciences India Section A - Physical Sciences*, **2021**, 91, 661-674	0.9	1
268	Existence of fuzzy fractional stochastic differential system with impulses. *Computational and Applied Mathematics*, **2020**, 39, 1	2.4	4
267	Stability of Impulsive Stochastic Reaction Diffusion Recurrent Neural Network. *Neural Processing Letters*, **2020**, 51, 1049-1060	2.4	6

266	Stability result of higher-order fractional neutral stochastic differential system with infinite delay driven by Poisson jumps and Rosenblatt process. *Stochastic Analysis and Applications*, **2020**, 38, 352-372	1.1	12
265	pth Moment stability of fractional stochastic differential inclusions via resolvent operators driven by the Rosenblatt process and poisson jumps with impulses. *Stochastics*, **2020**, 92, 1157-1174	0.6	3
264	Controllability and Optimal Control for a Class of Time-Delayed Fractional Stochastic Integro-Differential Systems. *Applied Mathematics and Optimization*, **2020**, 84, 2527	1.5	7
263	Controllability of Hilfer fractional stochastic system with multiple delays and Poisson jumps. *European Physical Journal: Special Topics*, **2019**, 228, 245-260	2.3	6
262	Delayed impulsive control for exponential synchronization of stochastic reaction-diffusion neural networks with time-varying delays using general integral inequalities. *Neural Computing and Applications*, **2019**, 31, 8719-8726	4.8	4
261	Results on Controllability of Nonlinear Hilfer Fractional Stochastic System. *International Journal of Nonlinear Sciences and Numerical Simulation*, **2019**, 20, 475-485	1.8	2
260	Multi-criteria decision making method based on interval-valued intuitionistic fuzzy sets **2019**, 27, 259-276		6
259	Global asymptotic stability of stochastic reaction-diffusion recurrent neural networks with Markovian jumping parameters and mixed delays **2019**, 27, 277-292		3
258	An audio encryption based on synchronization of robust BAM FCNNs with time delays. *Multimedia Tools and Applications*, **2019**, 78, 5969-5988	2.5	10
257	Double-Key Secure for N-1-N Sound Record Data (SRD) by the Drive-Response of BAM NNs. *Neural Processing Letters*, **2019**, 50, 2925-2944	2.4	1
256	On impulsive Hilfer fractional stochastic differential system driven by Rosenblatt process. *Stochastic Analysis and Applications*, **2019**, 37, 955-976	1.1	15
255	Ulam's stability of Hilfer fractional stochastic differential systems. *European Physical Journal Plus*, **2019**, 134, 1	3.1	10
254	Null Controllability of Nonlinear Fractional Stochastic Large-Scale Neutral Systems. *Differential Equations and Dynamical Systems*, **2019**, 27, 515-528	0.8	3
253	Impulse noise detection technique based on fuzzy set. *IET Signal Processing*, **2018**, 12, 12-21	1.7	4
252	Synchronization of chaotic-type delayed neural networks and its application. *Nonlinear Dynamics*, **2018**, 93, 543-555	5	12
251	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	1.5	13
250	Stability Analysis of Fuzzy Genetic Regulatory Networks with Various Time Delays. *Bulletin of the Malaysian Mathematical Sciences Society*, **2018**, 41, 491-505	1.2	10
249	A thresholding method based on interval-valued intuitionistic fuzzy sets: an application to image segmentation. *Pattern Analysis and Applications*, **2018**, 21, 1039-1051	2.3	7

248	Sliding mode control for generalized robust synchronization of mismatched fractional order dynamical systems and its application to secure transmission of voice messages. *ISA Transactions*, **2018**, 82, 51-61	5.5	32
247	Controllability of fractional higher order stochastic integrodifferential systems with fractional Brownian motion. *ISA Transactions*, **2018**, 82, 107-119	5.5	17
246	Study a class of Hilfer fractional stochastic integrodifferential equations with Poisson jumps. *Stochastic Analysis and Applications*, **2018**, 36, 1021-1036	1.1	10
245	Sliding mode control design for synchronization of fractional order chaotic systems and its application to a new cryptosystem. *International Journal of Dynamics and Control*, **2017**, 5, 115-123	1.7	53
244	Stability of stochastic fuzzy BAM neural networks with discrete and distributed time-varying delays. *International Journal of Machine Learning and Cybernetics*, **2017**, 8, 263-273	3.8	39
243	The Solvability and Optimal Controls for Impulsive Fractional Stochastic Integro-Differential Equations via Resolvent Operators. *Journal of Optimization Theory and Applications*, **2017**, 174, 139-155	1.6	40
242	Dynamical Analysis of the Hindmarsh-Rose Neuron With Time Delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 1953-1958	10.3	27
241	The Controllability of Fractional Damped Stochastic Integrodifferential Systems. *Asian Journal of Control*, **2017**, 19, 1455-1464	1.7	16
240	Moment stability via resolvent operators of fractional stochastic differential inclusions driven by fractional Brownian motion. *Applied Mathematics and Computation*, **2017**, 305, 299-307	2.7	18
239	Design of state estimator for BAM fuzzy cellular neural networks with leakage and unbounded distributed delays. *Information Sciences*, **2017**, 397-398, 91-109	7.7	19
238	Robust guaranteed cost state estimation for discrete-time systems with random delays and random uncertainties. *International Journal of Adaptive Control and Signal Processing*, **2017**, 31, 1361-1372	2.8	3
237	Image encryption method based on chaotic fuzzy cellular neural networks. *Signal Processing*, **2017**, 140, 87-96	4.4	42
236	Neutral-type of delayed inertial neural networks and their stability analysis using the LMI Approach. *Neurocomputing*, **2017**, 230, 243-250	5.4	38
235	A novel cascade encryption algorithm for digital images based on anti-synchronized fractional order dynamical systems. *Multimedia Tools and Applications*, **2017**, 76, 23517-23538	2.5	12
234	Approximate controllability of fractional stochastic differential equations driven by mixed fractional Brownian motion via resolvent operators. *International Journal of Control*, **2017**, 90, 1713-1727	1.5	36
233	Segmentation of nutrient deficiency in incomplete crop images using intuitionistic fuzzy C-means clustering algorithm. *Nonlinear Dynamics*, **2016**, 83, 849-866	5	23
232	Delay-dependent H∞ filtering for complex dynamical networks with time-varying delays in nonlinear function and network couplings. *Signal Processing*, **2016**, 118, 122-132	4.4	21
231	A new fuzzy clustering algorithm for the segmentation of brain tumor. *Soft Computing*, **2016**, 20, 4859-4879	3.5	22

230	Stability and Hopf bifurcation analysis of novel hyperchaotic system with delayed feedback control. *Complexity*, **2016**, 21, 180-193	1.6	8
229	Robust stability results for nonlinear Markovian jump systems with mode-dependent time-varying delays and randomly occurring uncertainties. *Complexity*, **2016**, 21, 50-60	1.6	7
228	Robust dissipativity and passivity analysis for discrete-time stochastic neural networks with time-varying delay. *Complexity*, **2016**, 21, 47-58	1.6	20
227	Synchronization of Markovian jumping inertial neural networks and its applications in image encryption. *Neural Networks*, **2016**, 83, 86-93	9.1	111
226	Chaotic synchronization of time-delay coupled Hindmarsh$-$Rose neurons via nonlinear control. *Nonlinear Dynamics*, **2016**, 86, 1249-1262	5	23
225	T$-$S fuzzy predictive control for fractional order dynamical systems and its applications. *Nonlinear Dynamics*, **2016**, 86, 751-763	5	29
224	Controllability of fractional neutral stochastic integrodifferential inclusions of order (p in (0,1]), (q in (1,2]) with fractional Brownian motion. *European Physical Journal Plus*, **2016**, 131, 1	3.1	6
223	A delay decomposition approach for robust dissipativity and passivity analysis of neutral-type neural networks with leakage time-varying delay. *Complexity*, **2016**, 21, 248-264	1.6	14
222	Stability criteria for stochastic Takagi-Sugeno fuzzy Cohen-Grossberg BAM neural networks with mixed time-varying delays. *Complexity*, **2016**, 21, 143-154	1.6	14
221	Asymptotical state estimation of fuzzy cellular neural networks with time delay in the leakage term and mixed delays: Sample-data approach. *Journal of the Egyptian Mathematical Society*, **2016**, 24, 143-150	2.2	5
220	A new image denoising method using interval-valued intuitionistic fuzzy sets for the removal of impulse noise. *Signal Processing*, **2016**, 121, 81-93	4.4	14
219	Robust stability analysis for discrete-time neural networks with time-varying leakage delays and random parameter uncertainties. *Neurocomputing*, **2016**, 179, 126-134	5.4	26
218	Asymptotic stability of Markovian switching genetic regulatory networks with leakage and mode-dependent time delays. *Journal of the Franklin Institute*, **2016**, 353, 1615-1638	4	24
217	Fractional order stochastic dynamical systems with distributed delayed control and Poisson jumps. *European Physical Journal: Special Topics*, **2016**, 225, 83-96	2.3	7
216	Delay decomposition approach to [Formula: see text] filtering analysis of genetic oscillator networks with time-varying delays. *Cognitive Neurodynamics*, **2016**, 10, 135-47	4.2	3
215	Detecting chaos in a system of four disk dynamos and its control. *Nonlinear Dynamics*, **2016**, 83, 2419-2426	5	6
214	Bifurcation analysis of macrophages infection model with delayed immune response. *Communications in Nonlinear Science and Numerical Simulation*, **2016**, 35, 1-16	3.7	4
213	A new thresholding technique based on fuzzy set as an application to leukocyte nucleus segmentation. *Computer Methods and Programs in Biomedicine*, **2016**, 134, 165-77	6.9	25

212	Robust guaranteed cost control for discrete-time systems via partially delay-dependent controller with linear fractional uncertainties. *Complexity*, **2016**, 21, 113-122	1.6	4
211	Controllability of fractional order stochastic differential inclusions with fractional Brownian motion in finite dimensional space. *IEEE/CAA Journal of Automatica Sinica*, **2016**, 3, 400-410	7	9
210	Stability and Hopf bifurcation analysis of immune response delayed HIV type 1 infection model with two target cells. *Mathematical Methods in the Applied Sciences*, **2015**, 38, 3653-3669	2.3	2
209	Fast projective synchronization of fractional order chaotic and reverse chaotic systems with its application to an affine cipher using date of birth (DOB). *Nonlinear Dynamics*, **2015**, 80, 1883-1897	5	45
208	Image fusion using interval-valued intuitionistic fuzzy sets. *International Journal of Image and Data Fusion*, **2015**, 6, 249-269	1.8	6
207	Robust stability and stabilization analysis for discrete-time randomly switched fuzzy systems with known sojourn probabilities. *Nonlinear Analysis: Hybrid Systems*, **2015**, 17, 128-143	4.5	17
206	Stability and multi-parametric Hopf bifurcation analyses of viral infection model with time delay. *International Journal of Biomathematics*, **2015**, 08, 1550059	1.8	4
205	Mean square delay dependent-probability-distribution stability analysis of neutral type stochastic neural networks. *ISA Transactions*, **2015**, 58, 11-9	5.5	13
204	Admissibility analysis for discrete-time singular systems with randomly occurring uncertainties via delay-divisioning approach. *ISA Transactions*, **2015**, 59, 354-62	5.5	15
203	Controllability of Nonlinear Fractional Neutral Stochastic Dynamical Systems with Poisson Jumps. *Springer Proceedings in Mathematics and Statistics*, **2015**, 429-438	0.2	1
202	Existence Result for Semilinear Fractional Stochastic Evolution Inclusions Driven by Poisson Jumps. *Springer Proceedings in Mathematics and Statistics*, **2015**, 477-487	0.2	5
201	Synchronization of fuzzy bidirectional associative memory neural networks with various time delays. *Applied Mathematics and Computation*, **2015**, 270, 582-605	2.7	28
200	Existence of solutions and approximate controllability of impulsive fractional stochastic differential systems with infinite delay and Poisson jumps. *Applications of Mathematics*, **2015**, 60, 395-419		16
199	Theoretical and practical applications of fuzzy fractional integral sliding mode control for fractional-order dynamical system. *Nonlinear Dynamics*, **2015**, 80, 249-267	5	53
198	Local and Global Existence of Mild Solution for Impulsive Fractional Stochastic Differential Equations. *Bulletin of the Malaysian Mathematical Sciences Society*, **2015**, 38, 867-884	1.2	21
197	Non-fragile observer design for discrete-time genetic regulatory networks with randomly occurring uncertainties. *Physica Scripta*, **2015**, 90, 015205	2.6	11
196	Bifurcation analysis of HIV infection model with antibody and cytotoxic T-lymphocyte immune responses and BeddingtonДeAngelis functional response. *Mathematical Methods in the Applied Sciences*, **2015**, 38, 1330-1341	2.3	16
195	Robust Stability Criterion for Discrete-Time Nonlinear Switched Systems with Randomly Occurring Delays via TБ Fuzzy Approach. *Complexity*, **2015**, 20, 49-61	1.6	16

#	Reference	IF	Cit
194	Robust stability analysis for discrete-time uncertain neural networks with leakage time-varying delay. *Neurocomputing*, **2015**, 151, 808-816	5.4	48
193	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	4.5	30
192	Analysis and Synthesis of Stochastic Nonlinear Systems. *Mathematical Problems in Engineering*, **2015**, 2015, 1-2	1.1	
191	Stabilisation analysis for switched neutral systems based on sampled-data control. *International Journal of Systems Science*, **2015**, 46, 2531-2546	2.3	10
190	Approximate controllability of a class of fractional neutral stochastic integro-differential inclusions with infinite delay by using Mainardi's function. *Applied Mathematics and Computation*, **2015**, 256, 232-246	2.7	70
189	Direct delay decomposition approach to synchronization of chaotic fuzzy cellular neural networks with discrete, unbounded distributed delays and Markovian jumping parameters. *Applied Mathematics and Computation*, **2015**, 254, 291-304	2.7	22
188	Synchronization criteria of discrete-time complex networks with time-varying delays and parameter uncertainties. *Cognitive Neurodynamics*, **2014**, 8, 199-215	4.2	10
187	Robust Exponential Stabilization Results for Impulsive Neutral Time-Delay Systems with Sector-Bounded Nonlinearity. *Circuits, Systems, and Signal Processing*, **2014**, 33, 2741-2759	2.2	11
186	H state-feedback control of time-delay systems using reciprocally convex approach. *Journal of Process Control*, **2014**, 24, 892-904	3.9	18
185	Synchronisation of discrete-time complex networks with randomly occurring uncertainties, nonlinearities and time-delays. *International Journal of Systems Science*, **2014**, 45, 1427-1450	2.3	24
184	Image fusion using intuitionistic fuzzy sets. *Information Fusion*, **2014**, 20, 21-30	16.7	78
183	Stochastic Stability Analysis for Switched Genetic Regulatory Networks with Interval Time-Varying Delays Based on Average Dwell Time Approach. *Stochastic Analysis and Applications*, **2014**, 32, 1046-1066	1.1	8
182	Synchronization and an application of a novel fractional order King Cobra chaotic system. *Chaos*, **2014**, 24, 033105	3.3	50
181	Approximate Controllability of Impulsive Fractional Integro-Differential Systems with Nonlocal Conditions in Hilbert Space. *Numerical Functional Analysis and Optimization*, **2014**, 35, 177-197	1	42
180	Segmentation of gray scale image based on intuitionistic fuzzy sets constructed from several membership functions. *Pattern Recognition*, **2014**, 47, 3870-3880	7.7	30
179	Mode-Dependent (H_{∞}) Filtering for Stochastic Markovian Switching Genetic Regulatory Networks with Leakage and Time-Varying Delays. *Circuits, Systems, and Signal Processing*, **2014**, 33, 3349-3388	2.2	11
178	A review of online learning in supervised neural networks. *Neural Computing and Applications*, **2014**, 25, 491-509	4.8	54
177	Synchronization of a novel fractional order stretch-twist-fold (STF) flow chaotic system and its application to a new authenticated encryption scheme (AES). *Nonlinear Dynamics*, **2014**, 77, 1547-1559	5	53

176	$\mathcal{H}_{\infty}$ filtering for sample data systems with stochastic sampling and Markovian jumping parameters. *Nonlinear Dynamics*, **2014**, 78, 813-830	5	13
175	Synchronization of chaotic systems using feedback controller: An application to Diffie-Hellman key exchange protocol and ElGamal public key cryptosystem. *Journal of the Egyptian Mathematical Society*, **2014**, 22, 365-372	2.2	15
174	Non-fragile state observer design for neural networks with Markovian jumping parameters and time-delays. *Nonlinear Analysis: Hybrid Systems*, **2014**, 14, 61-73	4.5	32
173	Stability Analysis Including Monostability and Multistability in Dynamical System and Applications. *Abstract and Applied Analysis*, **2014**, 2014, 1-2	0.7	1
172	Hopf Bifurcation and Stability of Periodic Solutions for Delay Differential Model of HIV Infection of CD4+T-cells. *Abstract and Applied Analysis*, **2014**, 2014, 1-18	0.7	7
171	Mathematical analysis of a model for thymus infection with discrete and distributed delays. *International Journal of Biomathematics*, **2014**, 07, 1450070	1.8	1
170	Robust synchronization of uncertain chaotic neural networks with randomly occurring uncertainties and non-fragile output coupling delayed feedback controllers. *Nonlinear Dynamics*, **2014**, 78, 2031-2047	5	10
169	Non-fragile robust stabilization and H control for uncertain stochastic time delay systems with Markovian jump parameters and nonlinear disturbances. *International Journal of Adaptive Control and Signal Processing*, **2014**, 28, 464-478	2.8	21
168	H Filtering for Markovian Switching System with Mode-Dependent Time-Varying Delays. *Circuits, Systems, and Signal Processing*, **2014**, 33, 347-369	2.2	15
167	Secure Communication via Synchronization of Lure Systems Using Sampled-Data Controller. *Circuits, Systems, and Signal Processing*, **2014**, 33, 37-52	2.2	30
166	Delay decomposition approach to state estimation of neural networks with mixed time-varying delays and Markovian jumping parameters. *Mathematical Methods in the Applied Sciences*, **2013**, 36, 395-412	2.3	16
165	Delay Dependent Exponential Stability for Fuzzy Recurrent Neural Networks with Interval Time-Varying Delay. *Neural Processing Letters*, **2013**, 37, 147-161	2.4	12
164	Robust state estimation for discrete-time genetic regulatory network with random delays. *Neurocomputing*, **2013**, 122, 349-369	5.4	27
163	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
162	Delay-dependent Robust Stabilization and H Control for Uncertain Stochastic T-S Fuzzy Systems with Discrete Interval and Distributed Time-varying Delays. *International Journal of Automation and Computing*, **2013**, 10, 18-31	3.5	13
161	Feedback synchronization of the fractional order reverse butterfly-shaped chaotic system and its application to digital cryptography. *Nonlinear Dynamics*, **2013**, 74, 1169-1181	5	79
160	Design of state estimator for genetic regulatory networks with time-varying delays and randomly occurring uncertainties. *BioSystems*, **2013**, 111, 51-70	1.9	37
159	Filtering for neutral Markovian switching system with mode-dependent time-varying delays and partially unknown transition probabilities. *Applied Mathematics and Computation*, **2013**, 219, 9524-9542	2.7	42

158	Delay-Probability-Distribution-Dependent Stability of Uncertain Stochastic Genetic Regulatory Networks with Time-Varying Delays. *Circuits, Systems, and Signal Processing*, **2013**, 32, 1147-1177	2.2	6
157	Chaotic synchronization of Rikitake system based on T-S fuzzy control techniques. *Nonlinear Dynamics*, **2013**, 74, 31-44	5	38
156	State estimation for delayed genetic regulatory networks based on passivity theory. *Mathematical Biosciences*, **2013**, 244, 165-75	3.9	25
155	Stochastic asymptotical synchronization of chaotic Markovian jumping fuzzy cellular neural networks with mixed delays and the Wiener process based on sampled-data control. *Chinese Physics B*, **2013**, 22, 078401	1.2	12
154	State estimation for genetic regulatory networks with mode-dependent leakage delays, time-varying delays, and Markovian jumping parameters. *IEEE Transactions on Nanobioscience*, **2013**, 12, 363-75	3.4	55
153	Delay-range-dependent robust stabilisation and H control for nonlinear uncertain stochastic fuzzy systems with mode-dependent time delays and Markovian jump parameters. *International Journal of Systems Science*, **2013**, 44, 187-200	2.3	8
152	Output tracking H fuzzy control of nonlinear time-delay systems via Fuzzy Performance Evaluator. *Journal of Intelligent and Fuzzy Systems*, **2013**, 25, 177-190	1.6	3
151	. *Journal of Systems Engineering and Electronics*, **2013**, 24, 1011-1018	1.3	
150	Synchronization of Lure Systems via Delayed Feedback Control **2013**, 557-565		2
149	Projective Synchronization of Delayed Chaotic Systems. *Understanding Complex Systems*, **2013**, 277-296	0.4	
148	Segmentation of Crop Nutrient Deficiency Using Intuitionistic Fuzzy C-Means Color Clustering Algorithm. *Lecture Notes in Computer Science*, **2013**, 112-119	0.9	1
147	Delay-dependent robust asymptotic state estimation of Takagi Sugeno fuzzy Hopfield neural networks with mixed interval time-varying delays. *Expert Systems With Applications*, **2012**, 39, 472-481	7.8	47
146	Global robust passivity analysis for stochastic fuzzy interval neural networks with time-varying delays. *Expert Systems With Applications*, **2012**, 39, 732-742	7.8	30
145	Exponential stability of stochastic reaction diffusion uncertain fuzzy neural networks with mixed delays and Markovian jumping parameters. *Expert Systems With Applications*, **2012**, 39, 3109-3115	7.8	32
144	An LMI approach for global robust dissipativity analysis of T S fuzzy neural networks with interval time-varying delays. *Expert Systems With Applications*, **2012**, 39, 3345-3355	7.8	36
143	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
142	Synchronization of recurrent neural networks with mixed time-delays via output coupling with delayed feedback. *Nonlinear Dynamics*, **2012**, 70, 677-691	5	43
141	Synchronization of chaotic systems under sampled-data control. *Nonlinear Dynamics*, **2012**, 70, 1977-1987		43

140	LMI optimization problem of delay-dependent robust stability criteria for stochastic systems with polytopic and linear fractional uncertainties. *International Journal of Applied Mathematics and Computer Science*, **2012**, 22, 339-351	1.7	6
139	State estimation for neural neutral-type networks with mixed time-varying delays and Markovian jumping parameters. *Chinese Physics B*, **2012**, 21, 100205	1.2	7
138	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
137	Design of state estimator for neural networks with leakage, discrete and distributed delays. *Applied Mathematics and Computation*, **2012**, 218, 11297-11310	2.7	53
136	Hopf bifurcation analysis of delayed model of thymic infection with HIV-1. *Applied Mathematics and Computation*, **2012**, 218, 11505-11517	2.7	4
135	Comment on "Generalized projective synchronization in time-delayed systems: nonlinear observer approach" [Chaos 19, 013102 (2009); 20, 029902 (2010)]. *Chaos*, **2012**, 22, 038101	3.3	6
134	Robust stability analysis of delayed Takagi–Sugeno fuzzy genetic regulatory networks. *Physica Scripta*, **2012**, 86, 065003	2.6	4
133	Delay-dependent passivity criteria for uncertain switched neural networks of neutral type with interval time-varying delay. *Physica Scripta*, **2012**, 85, 045010	2.6	7
132	Applied Neural Intelligence to Modeling, Control, and Management of Human Systems and Environments. *Applied Computational Intelligence and Soft Computing*, **2012**, 2012, 1-2	2.7	
131	Delay-Dependent Exponential Synchronization Criteria for Chaotic Neural Networks with Time-Varying Delays. *Brazilian Journal of Physics*, **2012**, 42, 207-218	1.2	12
130	A Delay Decomposition Approach to Delay-Dependent Robust Passive Control for Takagi–Sugeno Fuzzy Nonlinear Systems. *Circuits, Systems, and Signal Processing*, **2012**, 31, 1319-1341	2.2	10
129	Robust stability analysis for Markovian jumping interval neural networks with discrete and distributed time-varying delays. *Chaos, Solitons and Fractals*, **2012**, 45, 483-495	9.3	26
128	Delay-dependent stability of neutral systems with time-varying delays using delay-decomposition approach. *Applied Mathematical Modelling*, **2012**, 36, 2253-2261	4.5	75
127	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
126	Robust stability criteria for uncertain neutral type stochastic system with Takagi–Sugeno fuzzy model and Markovian jumping parameters. *Communications in Nonlinear Science and Numerical Simulation*, **2012**, 17, 3876-3893	3.7	13
125	Adaptive synchronization in noise perturbed chaotic systems. *Physica Scripta*, **2012**, 85, 065010	2.6	11
124	Direct Delay Decomposition Approach to Robust Stability on Fuzzy Markov-Type BAM Neural Networks with Time-Varying Delays. *Communications in Computer and Information Science*, **2012**, 245-254	0.3	1
123	Prime Factorization without Using Any Approximations. *Communications in Computer and Information Science*, **2012**, 537-541	0.3	

122	Stability of Uncertain Reaction-Diffusion Stochastic BAM Neural Networks with Mixed Delays and Markovian Jumping Parameters. *Communications in Computer and Information Science*, **2012**, 283-292	0.3	
121	Asymptotic Stability Criterion for Fuzzy Recurrent Neural Networks with Interval Time-Varying Delay. *Communications in Computer and Information Science*, **2012**, 271-282	0.3	
120	Delay-dependent robust H control for uncertain stochastic TS fuzzy systems with time-varying state and input delays. *International Journal of Systems Science*, **2011**, 42, 877-887	2.3	52
119	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
118	Stability analysis of TakagiSugeno stochastic fuzzy Hopfield neural networks with discrete and distributed time varying delays. *Neurocomputing*, **2011**, 74, 1520-1526	5.4	15
117	A delay decomposition approach to delay-dependent passivity analysis for interval neural networks with time-varying delay. *Neurocomputing*, **2011**, 74, 1646-1653	5.4	41
116	Approximate controllability of mixed stochastic VolterraFredholm type integrodifferential systems in Hilbert space. *Journal of the Franklin Institute*, **2011**, 348, 2911-2922	4	15
115	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
114	Global Robust Passivity Analysis for Stochastic Interval Neural Networks with Interval Time-Varying Delays and Markovian Jumping Parameters. *Journal of Optimization Theory and Applications*, **2011**, 149, 197-215	1.6	13
113	Delay-Dependent Robust Stabilization and H Control for Nonlinear Stochastic Systems with Markovian Jump Parameters and Interval Time-Varying Delays. *Journal of Optimization Theory and Applications*, **2011**, 151, 100-120	1.6	46
112	Leakage Delays in TS Fuzzy Cellular Neural Networks. *Neural Processing Letters*, **2011**, 33, 111-136	2.4	74
111	LMI Conditions for Robust Stability Analysis of Stochastic Hopfield Neural Networks with Interval Time-Varying Delays and Linear Fractional Uncertainties. *Circuits, Systems, and Signal Processing*, **2011**, 30, 1011-1028	2.2	9
110	Robust Exponential Stability Criteria for TS Fuzzy Stochastic Delayed Neural Networks of Neutral Type. *Circuits, Systems, and Signal Processing*, **2011**, 30, 1617-1641	2.2	11
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