Quanxin Zhu

List of Publications by Citations

264 papers	6,641 citations	43 h-index	73 g-index
284 ext. papers	7,985 ext. citations	3.3 avg, IF	7.49 L-index

#	Paper	IF	Citations
264	Stability analysis of Markovian jump stochastic BAM neural networks with impulse control and mixed time delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2012**, 23, 467-79	10.3	288
263	Robust exponential stability of Markovian jump impulsive stochastic Cohen-Grossberg neural networks with mixed time delays. *IEEE Transactions on Neural Networks*, **2010**, 21, 1314-25		250
262	Stabilization of Stochastic Nonlinear Delay Systems With Exogenous Disturbances and the Event-Triggered Feedback Control. *IEEE Transactions on Automatic Control*, **2019**, 64, 3764-3771	5.9	201
261	Finite-time stabilization of high-order stochastic nonlinear systems in strict-feedback form. *Automatica*, **2015**, 54, 284-291	5.7	198
260	Exponential stability of stochastic neural networks with both markovian jump parameters and mixed time delays. *IEEE Transactions on Systems, Man, and Cybernetics*, **2011**, 41, 341-53		179
259	Exponential input-to-state stability of stochastic Cohen□Grossberg neural networks with mixed delays. *Nonlinear Dynamics*, **2015**, 79, 1085-1098	5	171
258	Stability analysis of semi-Markov switched stochastic systems. *Automatica*, **2018**, 94, 72-80	5.7	162
257	Razumikhin-type theorem for stochastic functional differential equations with Lvy noise and Markov switching. *International Journal of Control*, **2017**, 90, 1703-1712	1.5	156
256	Output feedback stabilization of stochastic feedforward systems with unknown control coefficients and unknown output function. *Automatica*, **2018**, 87, 166-175	5.7	145
255	pth Moment exponential stability of impulsive stochastic functional differential equations with Markovian switching. *Journal of the Franklin Institute*, **2014**, 351, 3965-3986	4	141
254	Stability of Markovian jump neural networks with impulse control and time varying delays. *Nonlinear Analysis: Real World Applications*, **2012**, 13, 2259-2270	2.1	137
253	Stability analysis of stochastic delay differential equations with Lvy noise. *Systems and Control Letters*, **2018**, 118, 62-68	2.4	133
252	Exponential and almost sure exponential stability of stochastic fuzzy delayed Cohen□Grossberg neural networks. *Fuzzy Sets and Systems*, **2012**, 203, 74-94	3.7	119
251	Stochastic stability of Markovian jump BAM neural networks with leakage delays and impulse control. *Neurocomputing*, **2014**, 136, 136-151	5.4	112
250	Stability analysis for stochastic neural networks of neutral type with both Markovian jump parameters and mixed time delays. *Neurocomputing*, **2010**, 73, 2671-2680	5.4	107
249	State estimation of T□S fuzzy delayed neural networks with Markovian jumping parameters using sampled-data control. *Fuzzy Sets and Systems*, **2017**, 306, 87-104	3.7	103
248	Stability analysis of Markov switched stochastic differential equations with both stable and unstable subsystems. *Systems and Control Letters*, **2017**, 105, 55-61	2.4	99

247	pth moment exponential synchronization for stochastic delayed Cohen□Grossberg neural networks with Markovian switching. *Nonlinear Dynamics*, **2012**, 67, 829-845	5	99
246	Some Improved Razumikhin Stability Criteria for Impulsive Stochastic Delay Differential Systems. *IEEE Transactions on Automatic Control*, **2019**, 64, 5207-5213	5.9	98
245	Mean-square exponential input-to-state stability of stochastic delayed neural networks. *Neurocomputing*, **2014**, 131, 157-163	5.4	96
244	p th moment exponential stabilisation of hybrid stochastic differential equations by feedback controls based on discrete-time state observations with a time delay. *IET Control Theory and Applications*, **2017**, 11, 1992-2003	2.5	91
243	Adaptive synchronization of chaotic Cohen□Grossberg neural networks with mixed time delays. *Nonlinear Dynamics*, **2010**, 61, 517-534	5	89
242	Synchronization of reaction□diffusion neural networks with time-varying delays via stochastic sampled-data controller. *Nonlinear Dynamics*, **2015**, 79, 485-500	5	88
241	Asymptotic stability in the p th moment for stochastic differential equations with Lˆvy noise. *Journal of Mathematical Analysis and Applications*, **2014**, 416, 126-142	1.1	88
240	Adaptive synchronization under almost every initial data for stochastic neural networks with time-varying delays and distributed delays. *Communications in Nonlinear Science and Numerical Simulation*, **2011**, 16, 2139-2159	3.7	82
239	Exponential stability for stochastic reaction□diffusion BAM neural networks with time-varying and distributed delays. *Applied Mathematics and Computation*, **2011**, 217, 6078-6091	2.7	80
238	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
237	Exponential stability for stochastic jumping BAM neural networks with time-varying and distributed delays. *Nonlinear Analysis: Hybrid Systems*, **2011**, 5, 52-77	4.5	72
236	Adaptive output feedback control of stochastic nonholonomic systems with nonlinear parameterization. *Automatica*, **2018**, 98, 247-255	5.7	67
235	Synchronization of stochastic perturbed chaotic neural networks with mixed delays. *Journal of the Franklin Institute*, **2010**, 347, 1266-1280	4	65
234	Exponential stability analysis of stochastic reaction-diffusion Cohen□Grossberg neural networks with mixed delays. *Neurocomputing*, **2011**, 74, 3084-3091	5.4	59
233	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
232	Stochastically asymptotic stability of delayed recurrent neural networks with both Markovian jump parameters and nonlinear disturbances. *Journal of the Franklin Institute*, **2010**, 347, 1489-1510	4	51
231	Synchronization of switched neural networks with mixed delays via impulsive control. *Chaos, Solitons and Fractals*, **2011**, 44, 817-826	9.3	50
230	Exponential stability of impulsive nonlinear stochastic differential equations with mixed delays. *Nonlinear Analysis: Real World Applications*, **2011**, 12, 2851-2860	2.1	50

229	Exponential stability and instability of impulsive stochastic functional differential equations with Markovian switching. *Applied Mathematics and Computation*, **2015**, 271, 795-804	2.7	47
228	Robust Stability of Markovian Jump Stochastic Neural Networks with Time Delays in the Leakage Terms. *Neural Processing Letters*, **2015**, 41, 1-27	2.4	46
227	Generalized lag-synchronization of chaotic mix-delayed systems with uncertain parameters and unknown perturbations. *Nonlinear Analysis: Real World Applications*, **2011**, 12, 93-105	2.1	45
226	Global Stabilization of Stochastic Nonlinear Systems Via C^1 and $C^{infty }$ Controllers. *IEEE Transactions on Automatic Control*, **2017**, 62, 5880-5887	5.9	44
225	Less conservative delay-dependent . *Neurocomputing*, **2015**, 166, 84-95	5.4	44
224	pth Moment exponential stability of impulsive stochastic functional differential equations and application to control problems of NNs. *Journal of the Franklin Institute*, **2014**, 351, 4435-4456	4	44
223	Stability analysis for a class of stochastic delay nonlinear systems driven by G-Brownian motion. *Systems and Control Letters*, **2020**, 140, 104699	2.4	44
222	Improved stability analysis of uncertain neutral type neural networks with leakage delays and impulsive effects. *Applied Mathematics and Computation*, **2015**, 266, 1050-1069	2.7	43
221	Almost sure exponential stability of numerical solutions to stochastic delay Hopfield neural networks. *Applied Mathematics and Computation*, **2015**, 266, 698-712	2.7	40
220	New fixed-time stability lemmas and applications to the discontinuous fuzzy inertial neural networks. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	40
219	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
218	Further mean-square asymptotic stability of impulsive discrete-time stochastic BAM neural networks with Markovian jumping and multiple time-varying delays. *Journal of the Franklin Institute*, **2019**, 356, 561-591	4	37
217	Fixed-time synchronization analysis for discontinuous fuzzy inertial neural networks with parameter uncertainties. *Neurocomputing*, **2021**, 422, 295-313	5.4	35
216	Further improved results on stability and dissipativity analysis of static impulsive neural networks with interval time-varying delays. *Journal of the Franklin Institute*, **2017**, 354, 6312-6340	4	34
215	Mean square exponential stability of stochastic fuzzy delayed Cohen□Grossberg neural networks with expectations in the coefficients. *Neurocomputing*, **2015**, 166, 133-139	5.4	32
214	Mean square exponential stability of stochastic nonlinear delay systems. *International Journal of Control*, **2017**, 90, 2384-2393	1.5	32
213	Stability of linear stochastic delay differential equations with infinite Markovian switchings. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 825-837	3.6	32
212	Stability analysis of almost periodic solutions of discontinuous BAM neural networks with hybrid time-varying delays and D operator. *Journal of the Franklin Institute*, **2019**, 356, 11605-11637	4	30

211	Finite-time and fixed-time synchronization control of fuzzy Cohen-Grossberg neural networks. *Fuzzy Sets and Systems*, **2020**, 394, 87-109	3.7	30
210	Lag stochastic synchronization of chaotic mixed time-delayed neural networks with uncertain parameters or perturbations. *Neurocomputing*, **2011**, 74, 1617-1625	5.4	29
209	Extended dissipative anti-disturbance control for delayed switched singular semi-Markovian jump systems with multi-disturbance via disturbance observer. *Automatica*, **2021**, 128, 109556	5.7	29
208	Global Stabilization of a Class of Stochastic Nonlinear Time-Delay Systems With SISS Inverse Dynamics. *IEEE Transactions on Automatic Control*, **2020**, 65, 4448-4455	5.9	28
207	Robust dissipativity and passivity analysis for discrete-time stochastic T S fuzzy Cohen Grossberg Markovian jump neural networks with mixed time delays. *Nonlinear Dynamics*, **2016**, 85, 2777-2799	5	28
206	Exponential passivity analysis of stochastic neural networks with leakage, distributed delays and Markovian jumping parameters. *Neurocomputing*, **2016**, 175, 401-410	5.4	28
205	Robust Exponential Stability of Stochastically Nonlinear Jump Systems with Mixed Time Delays. *Journal of Optimization Theory and Applications*, **2012**, 154, 154-174	1.6	28
204	Stability Analysis of Discrete-Time Semi-Markov Jump Linear Systems. *IEEE Transactions on Automatic Control*, **2020**, 65, 5415-5421	5.9	27
203	An averaging principle for stochastic fractional differential equations with time-delays. *Applied Mathematics Letters*, **2020**, 105, 106290	3.5	27
202	Average optimality for Markov decision processes in borel spaces: a new condition and approach. *Journal of Applied Probability*, **2006**, 43, 318-334	0.8	27
201	New fixed-time synchronization control of discontinuous inertial neural networks via indefinite Lyapunov-Krasovskii functional method. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 471-495	3.6	27
200	Robust synchronization of uncertain Markovian jump complex dynamical networks with time-varying delays and reaction diffusion terms via sampled-data control. *Journal of the Franklin Institute*, **2018**, 355, 1192-1216	4	26
199	Mean square stability of two classes of theta method for neutral stochastic differential delay equations. *Journal of Computational and Applied Mathematics*, **2016**, 305, 55-67	2.4	26
198	Self-Triggered State-Feedback Control for Stochastic Nonlinear Systems With Markovian Switching. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 3200-3209	7.3	26
197	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
196	Moment exponential stability of stochastic nonlinear delay systems with impulse effects at random times. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 3809-3820	3.6	25
195	Stochastic sampled-data H synchronization of coupled neutral-type delay partial differential systems. *Journal of the Franklin Institute*, **2015**, 352, 4480-4502	4	24
194	Mean-square exponential input-to-state stability of delayed Cohen-Grossberg neural networks with Markovian switching based on vector Lyapunov functions. *Neural Networks*, **2016**, 84, 39-46	9.1	24

193	Extended dissipativity stabilization and synchronization of uncertain stochastic reaction-diffusion neural networks via intermittent non-fragile control. *Journal of the Franklin Institute*, **2019**, 356, 11690-11715	4	24
192	Average optimality for continuous-time Markov decision processes with a policy iteration approach. *Journal of Mathematical Analysis and Applications*, **2008**, 339, 691-704	1.1	24
191	Stability analysis of impulsive stochastic delayed differential systems with unbounded delays. *Systems and Control Letters*, **2020**, 136, 104606	2.4	24
190	Finite-time sampled-data control of switched stochastic model with non-deterministic actuator faults and saturation nonlinearity. *Journal of the Franklin Institute*, **2020**, 357, 13637-13665	4	24
189	Practical exponential stability of stochastic age-dependent capital system with Lévy noise. *Systems and Control Letters*, **2020**, 144, 104759	2.4	24
188	Stochastic Stability of Neural Networks with Both Markovian Jump Parameters and Continuously Distributed Delays. *Discrete Dynamics in Nature and Society*, **2009**, 2009, 1-20	1.1	23
187	Delay-dependent stability of nonlinear hybrid neutral stochastic differential equations with multiple delays. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 250-267	3.6	21
186	Razumikhin-type theorem for pth exponential stability of impulsive stochastic functional differential equations based on vector Lyapunov function. *Nonlinear Analysis: Hybrid Systems*, **2021**, 39, 100983	4.5	21
185	Noise suppresses explosive solutions of differential systems: A new general polynomial growth condition. *Journal of Mathematical Analysis and Applications*, **2015**, 431, 648-661	1.1	20
184	Delay-dependent asymptotic stability criteria for genetic regulatory networks with impulsive perturbations. *Neurocomputing*, **2016**, 214, 981-990	5.4	20
183	Delay-interval-dependent passivity analysis of stochastic neural networks with Markovian jumping parameters and time delay in the leakage term. *Nonlinear Analysis: Hybrid Systems*, **2016**, 22, 262-275	4.5	20
182	Progressive dynamics of a stochastic epidemic model with logistic growth and saturated treatment. *Physica A: Statistical Mechanics and Its Applications*, **2020**, 538, 122649	3.3	20
181	The averaging principle of Hilfer fractional stochastic delay differential equations with Poisson jumps. *Applied Mathematics Letters*, **2021**, 112, 106755	3.5	20
180	New delay-interval-dependent stability analysis of neutral type BAM neural networks with successive time delay components. *Neurocomputing*, **2016**, 171, 1265-1280	5.4	19
179	Decentralized risk-sensitive design for large-scale stochastic interconnected systems with time-varying delays. *Journal of the Franklin Institute*, **2016**, 353, 1527-1552	4	19
178	Existence, uniqueness, and stability of stochastic neutral functional differential equations of Sobolev-type. *Journal of Mathematical Physics*, **2015**, 56, 122701	1.2	19
177	Input-to-state stability for hybrid delayed systems with admissible edge-dependent switching signals. *Journal of the Franklin Institute*, **2020**, 357, 8823-8850	4	19
176	Effects of leakage delays and impulsive control in dissipativity analysis of Takagi–Sugeno fuzzy neural networks with randomly occurring uncertainties. *Journal of the Franklin Institute*, **2017**, 354, 3574-3593	4	17

175	A state estimation H∞ issue for discrete-time stochastic impulsive genetic regulatory networks in the presence of leakage, multiple delays and Markovian jumping parameters. *Journal of the Franklin Institute*, **2018**, 355, 2735-2761	4	17
174	Stabilization of stochastically singular nonlinear jump systems with unknown parameters and continuously distributed delays. *International Journal of Control, Automation and Systems*, **2013**, 11, 683-691	2.9	17
173	An Improved Result on Dissipativity and Passivity Analysis of Markovian Jump Stochastic Neural Networks With Two Delay Components. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 3018-3031	10.3	17
172	pTH Moment Exponential Stability of Stochastic Partial Differential Equations with Poisson Jumps. *Asian Journal of Control*, **2014**, 16, 1482-1491	1.7	17
171	Stability analysis for stochastic Volterra–Levin equations with Poisson jumps: Fixed point approach. *Journal of Mathematical Physics*, **2011**, 52, 042702	1.2	17
170	Average optimality for Markov decision processes in borel spaces: a new condition and approach. *Journal of Applied Probability*, **2006**, 43, 318-334	0.8	17
169	Dynamical Behavior of Nonautonomous Stochastic Reaction-Diffusion Neural-Network Models. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 1575-1580	10.3	17
168	Another Set of Conditions for Strong n (n = −1, 0) Discount Optimality in Markov Decision Processes. *Stochastic Analysis and Applications*, **2005**, 23, 953-974	1.1	16
167	Resilient extended dissipative control for Markovian jump systems with partially known transition probabilities under actuator saturation. *Journal of the Franklin Institute*, **2020**, 357, 6197-6227	4	16
166	Stability analysis for switched stochastic delayed systems under asynchronous switching: A relaxed switching signal. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 8278-8298	3.6	16
165	Stabilization of stochastic functional differential systems with delayed impulses. *Applied Mathematics and Computation*, **2019**, 346, 776-789	2.7	16
164	Stabilization by delay feedback control for highly nonlinear switched stochastic systems with time delays. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 3070-3089	3.6	16
163	On the pth moment integral input-to-state stability and input-to-state stability criteria for impulsive stochastic functional differential equations. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 5609-5620	3.6	15
162	Non-fragile finite-time H∞ state estimation of neural networks with distributed time-varying delay. *Journal of the Franklin Institute*, **2017**, 354, 7566-7584	4	15
161	Existence, uniqueness and almost surely asymptotic estimations of the solutions to neutral stochastic functional differential equations driven by pure jumps. *Applied Mathematics and Computation*, **2015**, 254, 252-265	2.7	15
160	Exponential State Estimation for Memristor-Based Discrete-Time BAM Neural Networks With Additive Delay Components. *IEEE Transactions on Cybernetics*, **2020**, 50, 4281-4292	10.2	15
159	Exponential stability of stochastic neural networks with leakage delays and expectations in the coefficients. *Neurocomputing*, **2016**, 173, 1268-1275	5.4	14
158	New criteria of input-to-state stability for nonlinear switched stochastic delayed systems with asynchronous switching. *Systems and Control Letters*, **2019**, 129, 43-50	2.4	14

157	Finite-Time Extended Dissipative Based Optimal Guaranteed Cost Resilient Control for Switched Neutral Systems With Stochastic Actuator Failures. *IEEE Access*, **2019**, 7, 90289-90303	3.5	14
156	Markov Decision Processes with Variance Minimization: A New Condition and Approach. *Stochastic Analysis and Applications*, **2007**, 25, 577-592	1.1	14
155	Fuzzy intermittent extended dissipative control for delayed distributed parameter systems with stochastic disturbance: A spatial point sampling approach. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	14
154	Stability Criteria for Impulsive Stochastic Functional Differential Systems With Distributed-Delay Dependent Impulsive Effects. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 1-6	7.3	13
153	New stability criterion of neural networks with leakage delays and impulses: a piecewise delay method. *Cognitive Neurodynamics*, **2016**, 10, 85-98	4.2	13
152	Synchronization Analysis for Stochastic T-S Fuzzy Complex Networks with Markovian Jumping Parameters and Mixed Time-Varying Delays via Impulsive Control. *Mathematical Problems in Engineering*, **2020**, 2020, 1-27	1.1	13
151	Exponential sampled-data control for T□S fuzzy systems: application to Chua's circuit. *International Journal of Systems Science*, **2019**, 50, 2979-2992	2.3	13
150	Dynamic threshold probe of stochastic SIR model with saturated incidence rate and saturated treatment function. *Physica A: Statistical Mechanics and Its Applications*, **2019**, 535, 122300	3.3	12
149	Stability analysis of stochastic BAM neural networks with reaction□iffusion, multi-proportional and distributed delays. *Physica A: Statistical Mechanics and Its Applications*, **2019**, 533, 121935	3.3	12
148	Another set of conditions for Markov decision processes with average sample-path costs. *Journal of Mathematical Analysis and Applications*, **2006**, 322, 1199-1214	1.1	12
147	Input-to-State Stability for Impulsive Gilpin-Ayala Competition Model With Reaction Diffusion and Delayed Feedback. *IEEE Access*, **2020**, 8, 222625-222634	3.5	12
146	A Generalized System Approach to Intermittent Nonfragile Control of Stochastic Neutral Time-Varying Delay Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-10	7.3	11
145	Robust finite-time state estimation for uncertain discrete-time Markovian jump neural networks with two delay components. *Neurocomputing*, **2018**, 283, 64-72	5.4	11
144	New delay-interval-dependent stability criteria for static neural networks with time-varying delays. *Neurocomputing*, **2016**, 186, 1-7	5.4	11
143	H□ynchronization of uncertain stochastic time-varying delay systems with exogenous disturbance via intermittent control. *Chaos, Solitons and Fractals*, **2019**, 127, 244-256	9.3	11
142	Average optimality inequality for continuous-time Markov decision processes in Polish spaces. *Mathematical Methods of Operations Research*, **2007**, 66, 299-313	1	11
141	Stability analysis of impulsive stochastic functional differential equations. *Communications in Nonlinear Science and Numerical Simulation*, **2020**, 82, 105013	3.7	11
140	Improved Lower Bound of LFMD with Applications of Prism-Related Networks. *Mathematical Problems in Engineering*, **2021**, 2021, 1-9	1.1	11

139	Lagrange stability for delayed recurrent neural networks with Markovian switching based on stochastic vector Halandy inequalities. *Neurocomputing*, **2018**, 275, 1614-1621	5.4	11
138	The asymptotic properties of the suppressed functional differential system by Brownian noise under regime switching. *International Journal of Control*, **2016**, 89, 2227-2239	1.5	10
137	. *IEEE Access*, **2019**, 7, 99842-99855	3.5	10
136	A Note on Sampled-Data Synchronization of Memristor Networks Subject to Actuator Failures and Two Different Activations. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 2097-2101	3.5	10
135	Input-to-state stability for non-linear switched stochastic delayed systems with asynchronous switching. *IET Control Theory and Applications*, **2019**, 13, 351-359	2.5	10
134	A novel result on averaging principle of stochastic Hilfer-type fractional system involving non-Lipschitz coefficients. *Applied Mathematics Letters*, **2021**, 122, 107549	3.5	10
133	Event-triggered predictive control of nonlinear stochastic systems with output delay. *Automatica*, **2022**, 140, 110230	5.7	10
132	Adaptive state feedback stabilisation for more general switched stochastic non-linear systems under arbitrary switchings. *IET Control Theory and Applications*, **2020**, 14, 878-886	2.5	9
131	Comparison principle and stability of stochastic delayed neural networks with Markovian switching. *Neurocomputing*, **2014**, 123, 436-442	5.4	9
130	Unbounded cost Markov decision processes with limsup and liminf average criteria: new conditions. *Mathematical Methods of Operations Research*, **2005**, 61, 469-482	1	9
129	Bias and Overtaking Optimality for Continuous-Time Jump Markov Decision Processes in Polish Spaces. *Journal of Applied Probability*, **2008**, 45, 417-429	0.8	9
128	Finite-time and fixed-time synchronization analysis of fuzzy Cohen□Grossberg neural networks with discontinuous activations and parameter uncertainties. *European Journal of Control*, **2020**, 56, 179-190	2.5	8
127	Exponential stability of neutral stochastic delay differential equation with delay-dependent impulses. *Applied Mathematics and Computation*, **2020**, 377, 125146	2.7	8
126	A study on -dissipative synchronisation of coupled reaction□diffusion neural networks with time-varying delays. *International Journal of Systems Science*, **2018**, 49, 755-765	2.3	8
125	Intermittent quasi-synchronization criteria of chaotic delayed neural networks with parameter mismatches and stochastic perturbation mismatches via Razumikhin-type approach. *Neurocomputing*, **2019**, 365, 314-324	5.4	8
124	Finite-time stability of neutral-type neural networks with random time-varying delays. *International Journal of Systems Science*, **2017**, 48, 3279-3295	2.3	8
123	Modified projective synchronization of distributive fractional order complex dynamic networks with model uncertainty via adaptive control. *Chaos, Solitons and Fractals*, **2021**, 147, 110853	9.3	8
122	Exponential Synchronization of Nonlinear Multi-weighted Complex Dynamic Networks with Hybrid Time Varying Delays. *Neural Processing Letters*, **2021**, 53, 1035-1063	2.4	8

121	Effect of noise on the solutions of non-linear delay systems. *IET Control Theory and Applications*, **2018**, 12, 1822-1829	2.5	8
120	Extended dissipative analysis for aircraft flight control systems with random nonlinear actuator fault via non-fragile sampled-data control. *Journal of the Franklin Institute*, **2019**, 356, 8610-8624	4	7
119	Dissipative criteria for Takagi□Sugeno fuzzy Markovian jumping neural networks with impulsive perturbations using delay partitioning approach. *Advances in Difference Equations*, **2019**, 2019,	3.6	7
118	Globally asymptotic stabilization of stochastic nonlinear systems in strict-feedback form. *Journal of the Franklin Institute*, **2015**, 352, 5106-5121	4	7
117	Impulsive method to reliable sampled-data control for uncertain fractional-order memristive neural networks with stochastic sensor faults and its applications. *Nonlinear Dynamics*, **2020**, 100, 2595-2608	5	7
116	Stability analysis of uncertain neutral systems with discrete and distributed delays via the delay partition approach. *International Journal of Control, Automation and Systems*, **2017**, 15, 2149-2160	2.9	7
115	Bias and Overtaking Optimality for Continuous-Time Jump Markov Decision Processes in Polish Spaces. *Journal of Applied Probability*, **2008**, 45, 417-429	0.8	7
114	Robust fixed-time synchronization of discontinuous Cohen□Grossberg neural networks with mixed time delays. *Nonlinear Analysis: Modelling and Control*, **2019**, 24,	1.3	7
113	Exponential stability of impulsive systems with random delays under sampled-data control. *IET Control Theory and Applications*, **2017**, 11, 2834-2847	2.5	7
112	Stabilization of Stochastic Retarded Systems Based on Sampled-Data Feedback Control. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-10	7.3	7
111	Existence and exponential stability of pseudo almost automorphic solutions for Cohen-Grossberg neural networks with mixed delays. *Advances in Difference Equations*, **2016**, 2016,	3.6	7
110	The pth moment exponential stability and almost surely exponential stability of stochastic differential delay equations with Poisson jump. *Journal of Mathematical Analysis and Applications*, **2019**, 471, 197-210	1.1	7
109	Asymptotic stability in distribution of stochastic systems with semi-Markovian switching. *International Journal of Control*, **2019**, 92, 1314-1324	1.5	7
108	Input-to-state stability of stochastic nonlinear fuzzy Cohen□Grossberg neural networks with the event-triggered control. *International Journal of Control*, **2020**, 93, 2043-2052	1.5	7
107	Stability of a class of neutral stochastic functional differential equations with Markovian switching. *IET Control Theory and Applications*, **2018**, 12, 2043-2054	2.5	7
106	control of stochastic networked control systems with time-varying delays: The event-triggered sampling case. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 9767	3.6	7
105	Mean square exponential stability of discrete-time Markov switched stochastic neural networks with partially unstable subsystems and mixed delays. *Information Sciences*, **2021**, 580, 243-259	7.7	7
104	Stabilization of stochastic functional differential systems by steepest descent feedback controls. *IET Control Theory and Applications*, **2021**, 15, 805-813	2.5	7

103	Delay-dependent stability of non-linear hybrid stochastic functional differential equations. *IET Control Theory and Applications*, **2020**, 14, 198-206	2.5	6
102	Ulam-Hyers stability of caputo type fuzzy fractional differential equations with time-delays. *Chaos, Solitons and Fractals*, **2022**, 156, 111822	9.3	6
101	Exponential stability with respect to part of the variables for a class of nonlinear stochastic systems with Markovian switchings. *Mathematics and Computers in Simulation*, **2019**, 155, 2-14	3.3	6
100	Stability of nonlinear impulsive stochastic systems with Markovian switching under generalized average dwell time condition. *Science China Information Sciences*, **2018**, 61, 1	3.4	6
99	A Note on Sufficient Conditions of Almost Sure Exponential Stability for Semi-Markovian Jump Stochastic Systems. *IEEE Access*, **2019**, 7, 49466-49473	3.5	5
98	Further results on dissipativity analysis for Markovian jump neural networks with randomly occurring uncertainties and leakage delays. *Neural Computing and Applications*, **2018**, 30, 3565-3579	4.8	5
97	Novel results on global stability analysis for multiple time-delayed BAM neural networks under parameter uncertainties. *Chaos, Solitons and Fractals*, **2021**, 152, 111441	9.3	5
96	Stochastically Globally Exponential Stability of Stochastic Impulsive Differential Systems with Discrete and Infinite Distributed Delays Based on Vector Lyapunov Function. *Complexity*, **2020**, 2020, 1-16	1.6	5
95	Exploring the Stochastic Host-Pathogen Tuberculosis Model with Adaptive Immune Response. *Mathematical Problems in Engineering*, **2021**, 2021, 1-23	1.1	5
94	Stability analysis of switched singular stochastic linear systems. *International Journal of Control*, **2020**, 93, 1381-1387	1.5	5
93	Fixed-Time Stabilization of Discontinuous Neutral Neural Networks With Proportional Delays via New Fixed-Time Stability Lemmas. *IEEE Transactions on Neural Networks and Learning Systems*, **2021** , PP,	10.3	5
92	New Global Asymptotic Robust Stability of Dynamical Delayed Neural Networks via Intervalized Interconnection Matrices. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	5
91	Extended Dissipative Control for Markovian Jump Time-Delayed Systems with Bounded Disturbances. *Mathematical Problems in Engineering*, **2020**, 2020, 1-15	1.1	4
90	The novel sufficient conditions of almost sure exponential stability for semi-Markov jump linear systems. *Systems and Control Letters*, **2020**, 137, 104622	2.4	4
89	Mean square stability of two classes of theta methods for numerical computation and simulation of delayed stochastic Hopfield neural networks. *Journal of Computational and Applied Mathematics*, **2018**, 343, 428-447	2.4	4
88	Event-triggered optimal control for nonlinear stochastic systems via adaptive dynamic programming. *Nonlinear Dynamics*, **2021**, 105, 387-401	5	4
87	New criteria for mean square exponential stability of stochastic systems with variable and distributed delays. *IET Control Theory and Applications*, **2019**, 13, 116-122	2.5	4
86	Exponential Stability of Stochastic Differential Equations with Impulse Effects at Random Times. *Asian Journal of Control*, **2020**, 22, 779-787	1.7	4

85	Reliable intermittent extended dissipative control for uncertain fuzzy flexible spacecraft systems with Bernoulli stochastic distribution. *IET Control Theory and Applications*, **2021**, 15, 911-925	2.5	4
84	Higher order stochastically perturbed SIRS epidemic model with relapse and media impact. *Mathematical Methods in the Applied Sciences*,	2.3	4
83	Stability Analysis for Discrete-Time Stochastic Fuzzy Neural Networks with Mixed Delays. *Mathematical Problems in Engineering*, **2019**, 2019, 1-13	1.1	3
82	Stability Analysis of Stochastic Nonlinear Systems With Delayed Impulses and Markovian Switching. *IEEE Access*, **2019**, 7, 21385-21391	3.5	3
81	Guaranteed cost control for impulsive nonlinear Itô stochastic systems with mixed delays. *Journal of the Franklin Institute*, **2020**, 357, 6721-6737	4	3
80	Improved Results on Delay-Dependent (H_infty) Control for Uncertain Systems with Time-Varying Delays. *Circuits, Systems, and Signal Processing*, **2017**, 36, 1836-1859	2.2	3
79	Policy Iteration for Continuous-Time Average Reward Markov Decision Processes in Polish Spaces. *Abstract and Applied Analysis*, **2009**, 2009, 1-17	0.7	3
78	Bias optimality and strong n (. *Journal of Mathematical Analysis and Applications*, **2007**, 334, 576-592	1.1	3
77	Stability of discrete-time stochastic nonlinear systems with event-triggered state-feedback control. *Physica A: Statistical Mechanics and Its Applications*, **2020**, 547, 123823	3.3	3
76	Exponential synchronization and stabilization of delayed feedback hyperchaotic financial system. *Advances in Difference Equations*, **2021**, 2021,	3.6	3
75	Mode dependent filtering for semi-Markovian jump linear systems with sojourn time dependent transition rates. *IET Control Theory and Applications*, **2019**, 13, 3019-3025	2.5	3
74	Fixed-Time Stability for Discontinuous Uncertain Inertial Neural Networks With Time-Varying Delays. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-11	7.3	3
73	Exponential Lagrange Stability for Markovian Jump Uncertain Neural Networks with Leakage Delay and Mixed Time-Varying Delays via Impulsive Control. *Mathematical Problems in Engineering*, **2018**, 2018, 1-15	1.1	3
72	Computing Bounds for Second Zagreb Coindex of Sum Graphs. *Mathematical Problems in Engineering*, **2021**, 2021, 1-19	1.1	3
71	Instability of impulsive stochastic systems with application to image encryption. *Applied Mathematics and Computation*, **2021**, 402, 126098	2.7	3
70	Stability analysis of impulsive stochastic delayed differential systems with infinite delay or finite delay and average-delay impulses. *Journal of the Franklin Institute*, **2021**, 358, 8593-8593	4	3
69	Stability analysis of switched stochastic delay system with unstable subsystems. *Nonlinear Analysis: Hybrid Systems*, **2021**, 42, 101075	4.5	3
68	Comment on Stability analysis of stochastic differential equations with Markovian switching [Systems & Control Letters 61 (2012) 1209–1214]. *Systems and Control Letters*, **2017**, 102, 102-103	2.4	2

67	Probability density and stochastic stability for the coupled Van der Pol oscillator system. *Cogent Mathematics & Statistics*, **2018**, 5, 1431092	0.9	2
66	Comments on Design of sampled data state estimator for Markovian jumping neural networks with leakage time-varying delays and discontinuous Lyapunov functional approach *Nonlinear Dynamics*, **2014**, 77, 1069-1076	5	2
65	pth Moment Exponential Stability of Nonlinear Hybrid Stochastic Heat Equations. *Mathematical Problems in Engineering*, **2014**, 2014, 1-7	1.1	2
64	Complete moment convergence of extended negatively dependent random variables. *Journal of Inequalities and Applications*, **2020**, 2020,	2.1	2
63	Antiperiodic dynamical behaviors of discontinuous neutral-type Cohen-Grossberg neural networks with mixed time delays. *Computational Intelligence*, **2020**, 36, 698-719	2.5	2
62	Expected power bound and stability of two-dimensional digital filters with multiplicative noise in the FMLSS model. *Journal of the Franklin Institute*, **2021**, 358, 2500-2514	4	2
61	Existence, Uniqueness, and Input-to-State Stability of Ground State Stationary Strong Solution of a Single-Species Model via Mountain Pass Lemma. *Complexity*, **2021**, 2021, 1-11	1.6	2
60	A LyapunovKrasovskii Functional Approach to Stability and Linear Feedback Synchronization Control for Nonlinear Multi-Agent Systems with Mixed Time Delays. *Mathematical Problems in Engineering*, **2021**, 2021, 1-20	1.1	2
59	Existence, Uniqueness and Stability of Mild Solutions to a Stochastic Nonlocal Delayed ReactionDiffusion Equation. *Neural Processing Letters*, **2021**, 53, 3375	2.4	2
58	Stability analysis of 2-D switched systems with multiplicative noise under arbitrary and restricted switching signals. *International Journal of Systems Science*, **2019**, 50, 191-202	2.3	2
57	The strong convergence properties of weighted sums for a class of dependent random variables. *Communications in Statistics - Theory and Methods*, **2020**, 49, 3455-3465	0.5	2
56	Periodic and homoclinic solutions of discontinuous CohenGrossberg neural networks with time-varying delays. *European Journal of Control*, **2021**, 59, 238-249	2.5	2
55	Robust Exponential Stability Analysis for Stochastic Systems With Actuator Faults Using Improved Weighted Relaxed Integral Inequality. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 3346-3357	7.3	2
54	Improved Fixed-Time Stability Lemma of Discontinuous System and Its Application. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 1-12	3.9	2
53	Exponential Stability of Antiperiodic Solution for BAM Neural Networks with Time-Varying Delays. *Mathematical Problems in Engineering*, **2018**, 2018, 1-13	1.1	2
52	Stability analysis of neutral stochastic delay differential equations via the vector Lyapunov function method. *Applied Mathematics and Computation*, **2021**, 405, 126257	2.7	2
51	Event-Triggered Optimized Control for Nonlinear Delayed Stochastic Systems. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 68, 3808-3821	3.9	2
50	Stability of stochastic delay switched neural networks with all unstable subsystems: A multiple discretized Lyapunov-Krasovskii functionals method. *Information Sciences*, **2022**, 582, 302-315	7.7	2

49	New criteria on exponential stability of impulsive stochastic delayed differential systems with infinite delays. *Communications in Nonlinear Science and Numerical Simulation*, **2022**, 111, 106460	3.7	2
48	The mean square stability analysis of a stochastic dynamic model for electricity market. *International Journal of Machine Learning and Cybernetics*, **2017**, 8, 1071-1079	3.8	1
47	On the Novel Finite-Time Stability Results for Uncertain Fractional Delay Differential Equations Involving Noninstantaneous Impulses. *Mathematical Problems in Engineering*, **2019**, 2019, 1-9	1.1	1
46	Observer-Based Sliding Mode Control for Stochastic Nonlinear Markovian Jump Systems. *Discrete Dynamics in Nature and Society*, **2019**, 2019, 1-12	1.1	1
45	Stabilization of Discrete-Time Delayed Systems in Presence of Actuator Saturation Based on Wirtinger Inequality. *Mathematical Problems in Engineering*, **2019**, 2019, 1-14	1.1	1
44	Convergence properties of the maximum partial sums for moving average process under □ rho^{-} -mixing assumption. *Journal of Inequalities and Applications*, **2019**, 2019,	2.1	1
43	Globally Asymptotic Stability of Stochastic Nonlinear Systems by the Output Feedback. *Mathematical Problems in Engineering*, **2015**, 2015, 1-8	1.1	1
42	A semimartingale characterization of average optimal stationary policies for Markov decision processes. *Journal of Applied Mathematics and Stochastic Analysis*, **2006**, 2006, 1-8		1
41	Stability of stochastic nonlinear delay systems with delayed impulses. *Applied Mathematics and Computation*, **2022**, 421, 126950	2.7	1
40	Fixed-time stabilization of delayed discontinuous fuzzy neural networks via delayed stability conditions of Filippov systems. *IEEE Transactions on Fuzzy Systems*, **2022**, 1-1	8.3	1
39	A Robust Non-Fragile Control Lag Synchronization for Fractional Order Multi-Weighted Complex Dynamic Networks with Coupling Delays. *Neural Processing Letters*,1	2.4	1
38	New Fixed-Time Stability Criteria of Time-Varying Delayed Discontinuous Systems and Application to Discontinuous Neutral-Type Neural Networks. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	1
37	General decay synchronisation of discontinuous fuzzy neural networks with discrete and distributed time-delays via nonlinear feedback control. *International Journal of Systems Science*, **2020**, 51, 3347-3363	2.3	1
36	Dynamical behaviors of a heroin population model with standard incidence rates between distinct patches. *Journal of the Franklin Institute*, **2021**, 358, 4994-5013	4	1
35	Almost Sure Stability of Stochastic Neural Networks with Time Delays in the Leakage Terms. *Discrete Dynamics in Nature and Society*, **2016**, 2016, 1-10	1.1	1
34	Central limit theorems of range-based estimators for diffusion models. *Communications in Statistics - Theory and Methods*, **2019**, 48, 5969-5984	0.5	1
33	Global stability of stochastic systems with Poisson distributed random time-delay. *Communications in Statistics - Theory and Methods*, **2019**, 48, 1305-1315	0.5	1
32	Moment exponential stability of stochastic delay systems with delayed impulse effects at random times and applications in the stabilisation of stochastic neural networks. *International Journal of Control*, **2020**, 93, 2505-2515	1.5	1

31	Input-to-state stability for impulsive stochastic nonlinear systems with delayed impulses. *International Journal of Control*, **2021**, 94, 923-932	1.5	1
30	The existence□uniqueness and exponential estimate of solutions for stochastic functional differential equations driven by G-Brownian motion. *Mathematical Methods in the Applied Sciences*, **2021**, 44, 1639-1650	2.3	1
29	Intermittent Estimator-Based Mixed Passive and H□Control for High-Speed Train With Actuator Stochastic Fault. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	1
28	Mean-Square Exponential Input-to-State Stability of Stochastic Fuzzy Recurrent Neural Networks with Multiproportional Delays and Distributed Delays. *Mathematical Problems in Engineering*, **2018**, 2018, 1-11	1.1	1
27	Some Fixed-Point Theorems on Generalized Cyclic Mappings in B-Metric-Like Spaces. *Complexity*, **2021**, 2021, 1-7	1.6	1
26	Mixed Time-Delayed Nonlinear Multi-agent Dynamic Systems for Asymptotic Stability and Non-fragile Synchronization Criteria. *Neural Processing Letters*,1	2.4	1
25	Stabilization by variable-delay feedback control for highly nonlinear hybrid stochastic differential delay equations. *Systems and Control Letters*, **2021**, 157, 105041	2.4	1
24	Dynamics of the Exponential Population Growth System with Mixed Fractional Brownian Motion. *Complexity*, **2021**, 2021, 1-18	1.6	1
23	New criteria on pth moment exponential stability of stochastic delayed differential systems subject to average-delay impulses. *Systems and Control Letters*, **2022**, 164, 105234	2.4	1
22	Further Results on Input-to-State Stability of Stochastic Cohen□rossberg BAM Neural Networks with Probabilistic Time-Varying Delays. *Neural Processing Letters*,1	2.4	0
21	Stochastic epidemic dynamics based on the association between susceptible and recovered individuals. *International Journal of Biomathematics*, **2021**, 14, 2050085	1.8	0
20	Robust resilient H□performance for finite-time boundedness of neutral-type neural networks with time-varying delays. *Asian Journal of Control*, **2020**, 23, 2474	1.7	0
19	New results on global stability analysis of discontinuous Cohen□rossberg neural networks of neutral-type in Hale's form. *International Journal of Control*, **2020**, 1-10	1.5	0
18	Existence, Uniqueness, and Exponential Stability of Uncertain Delayed Neural Networks with Inertial Term: Nonreduced Order Case. *Mathematical Problems in Engineering*, **2021**, 2021, 1-15	1.1	0
17	Output-feedback stabilization of a class of stochastic high-order nonlinear systems with stochastic inverse dynamics and multidelay. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 5580-5601	3.6	0
16	pth Moment Exponential Stability of Switched Discrete-Time Stochastic Systems: A Multiple Lyapunov Functions Method. *Journal of the Franklin Institute*, **2021**, 358, 6835-6853	4	0
15	State Estimation for Genetic Regulatory Networks with Two Delay Components by Using Second-Order Reciprocally Convex Approach. *Neural Processing Letters*,1	2.4	0
14	Stability of highly nonlinear neutral stochastic delay systems with non-random switching signals. *Systems and Control Letters*, **2022**, 165, 105261	2.4	0

13	Prefixed-Time Local Intermittent Sampling Synchronization of Stochastic Multicoupling Delay Reaction-Diffusion Dynamic Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2022**, 1-15	10.3	0
12	An Integrated Eco-Epidemiological Plant Pest Natural Enemy Differential Equation Model with Various Impulsive Strategies. *Mathematical Problems in Engineering*, **2022**, 2022, 1-23	1.1	0
11	Global Synchronization of Delayed Complex Networks with Hybrid Coupling, Control Design of Actuator Saturation, and Stochastic Disturbances with Randomly Occurring Nonlinearities. *Mathematical Problems in Engineering*, **2019**, 2019, 1-13	1.1	
10	Moments and distributions of the last exit times for a class of Markov processes. *Mathematics and Computers in Simulation*, **2019**, 155, 146-153	3.3	
9	Coupling and Exponential Convergence Rate for Markovian Switching Jump Diffusions. *Stochastic Analysis and Applications*, **2014**, 32, 711-726	1.1	
8	Strong n-discount and finite-horizon optimality for continuous-time Markov decision processes. *Journal of Systems Science and Complexity*, **2014**, 27, 1045-1063	1	
7	Input-to-State Stability Analysis for Stochastic Mixed Time-Delayed Neural Networks with Hybrid Impulses. *Mathematical Problems in Engineering*, **2022**, 2022, 1-13	1.1	
6	Robust synchronisation control of discontinuous CGNNs with time-varying delays. *International Journal of Control*, **2021**, 94, 1903-1919	1.5	
5	Optimal investment problem with complete memory on an infinite time horizon. *Communications in Statistics - Theory and Methods*, **2021**, 50, 711-724	0.5	
4	Sampled-data based extended dissipative synchronization of stochastic complex dynamical networks. *Discrete and Continuous Dynamical Systems - Series S*, **2022**,	2.8	
3	Random attractors for a stochastic age-structured population model. *Journal of Mathematical Physics*, **2022**, 63, 032703	1.2	
2	Spatial-temporal dynamics of a non-monotone reaction-diffusion Hopfield neural network model with delays. *Neural Computing and Applications*,1	4.8	
1	Cyclic Mappings and Further Results in B-Metric-Like Spaces. *Complexity*, **2021**, 2021, 1-8	1.6	