Xiaoyue Li

List of Publications by Year
in descending order

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20	687	840776 11	794594 19
papers	citations	h-index	g-index

20	20	20	270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The strong convergence and stability of explicit approximations for nonlinear stochastic delay differential equations. Numerical Algorithms, 2022, 89, 855-883.	1.9	5
2	Asymptotic Properties of Multi-species Lotkaâ€“Volterra Models with Regime Switching Involving Weak and Strong Interactions. Journal of Nonlinear Science, 2020, 30, 565-601.	2.1	4
3	Stabilisation of highly nonlinear hybrid stochastic differential delay equations by delay feedback control. Automatica, 2020, 112, 108657.	5.0	76
4	Delay Feedback Control for Switching Diffusion Systems Based on Discrete-Time Observations. SIAM Journal on Control and Optimization, 2020, 58, 2900-2926.	2.1	20
5	Explicit Milstein schemes with truncation for nonlinear stochastic differential equations: Convergence and its rate. Journal of Computational and Applied Mathematics, 2020, 374, 112771.	2.0	6
6	Corrigendum to: Explicit numerical approximations for stochastic differential equations in finite and infinite horizons: truncation methods, convergence in pth moment and stability. IMA Journal of Numerical Analysis, 2019, 39, 2168-2168.	2.9	3
7	Moment bounds and ergodicity of switching diffusion systems involving two-time-scale Markov chains. Systems and Control Letters, 2019, 132, 104514.	2.3	6
8	Explicit numerical approximations for stochastic differential equations in finite and infinite horizons: truncation methods, convergence in pth moment and stability. IMA Journal of Numerical Analysis, 2019, 39, 847-892.	2.9	49
9	Explicit approximations for nonlinear switching diffusion systems in finite and infinite horizons. Journal of Differential Equations, 2018, 265, 2921-2967.	2.2	26
10	Convergence rate and stability of the truncated Eulerâ€“Maruyama method for stochastic differential equations. Journal of Computational and Applied Mathematics, 2018, 337, 274-289.	2.0	32
11	Switching diffusion logistic models involving singularly perturbed Markov chains: Weak convergence and stochastic permanence. Stochastic Analysis and Applications, 2017, 35, 364-389.	1.5	14
12	On stochastic multi-group Lotka-Volterra ecosystems with regime switching. Discrete and Continuous Dynamical Systems - Series B, 2017, 22, 3499-3528.	0.9	3
13	Logistic models with regime switching: Permanence and ergodicity. Journal of Mathematical Analysis and Applications, 2016, 441, 593-611.	1.0	28
14	The almost sure stability of coupled system of stochastic delay differential equations on networks. Advances in Difference Equations, 2015, 2015, .	3.5	6
15	Dynamical Behavior of the Stochastic Delay Mutualism System. Abstract and Applied Analysis, 2014, 2014, 1-19.	0.7	0
16	A note on almost sure asymptotic stability of neutral stochastic delay differential equations with Markovian switching. Automatica, 2012, 48, 2329-2334.	5.0	51
17	The Improved LaSalle-Type Theorems for Stochastic Differential Delay Equations. Stochastic Analysis and Applications, 2012, 30, 568-589.	1.5	14
18	Sufficient and necessary conditions of stochastic permanence and extinction for stochastic logistic populations under regime switching. Journal of Mathematical Analysis and Applications, 2011, 376, 11-28.	1.0	189

#	Article	IF	Citations
19	Approximate solutions of stochastic differential delay equations with Markovian switching. Journal of Difference Equations and Applications, 2010, 16, 195-207.	1.1	11
20	Population dynamical behavior of Lotkaâ€“Volterra system under regime switching. Journal of Computational and Applied Mathematics, 2009, 232, 427-448.	2.0	144