

# Xiaoyue Li

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

687  
citations

840776

11  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

270  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sufficient and necessary conditions of stochastic permanence and extinction for stochastic logistic populations under regime switching. <i>Journal of Mathematical Analysis and Applications</i> , 2011, 376, 11-28.	1.0	189
2	Population dynamical behavior of Lotka–Volterra system under regime switching. <i>Journal of Computational and Applied Mathematics</i> , 2009, 232, 427-448.	2.0	144
3	Stabilisation of highly nonlinear hybrid stochastic differential delay equations by delay feedback control. <i>Automatica</i> , 2020, 112, 108657.	5.0	76
4	A note on almost sure asymptotic stability of neutral stochastic delay differential equations with Markovian switching. <i>Automatica</i> , 2012, 48, 2329-2334.	5.0	51
5	Explicit numerical approximations for stochastic differential equations in finite and infinite horizons: truncation methods, convergence in pth moment and stability. <i>IMA Journal of Numerical Analysis</i> , 2019, 39, 847-892.	2.9	49
6	Convergence rate and stability of the truncated Euler–Maruyama method for stochastic differential equations. <i>Journal of Computational and Applied Mathematics</i> , 2018, 337, 274-289.	2.0	32
7	Logistic models with regime switching: Permanence and ergodicity. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 441, 593-611.	1.0	28
8	Explicit approximations for nonlinear switching diffusion systems in finite and infinite horizons. <i>Journal of Differential Equations</i> , 2018, 265, 2921-2967.	2.2	26
9	Delay Feedback Control for Switching Diffusion Systems Based on Discrete-Time Observations. <i>SIAM Journal on Control and Optimization</i> , 2020, 58, 2900-2926.	2.1	20
10	The Improved LaSalle-Type Theorems for Stochastic Differential Delay Equations. <i>Stochastic Analysis and Applications</i> , 2012, 30, 568-589.	1.5	14
11	Switching diffusion logistic models involving singularly perturbed Markov chains: Weak convergence and stochastic permanence. <i>Stochastic Analysis and Applications</i> , 2017, 35, 364-389.	1.5	14
12	Approximate solutions of stochastic differential delay equations with Markovian switching. <i>Journal of Difference Equations and Applications</i> , 2010, 16, 195-207.	1.1	11
13	The almost sure stability of coupled system of stochastic delay differential equations on networks. <i>Advances in Difference Equations</i> , 2015, 2015, .	3.5	6
14	Moment bounds and ergodicity of switching diffusion systems involving two-time-scale Markov chains. <i>Systems and Control Letters</i> , 2019, 132, 104514.	2.3	6
15	Explicit Milstein schemes with truncation for nonlinear stochastic differential equations: Convergence and its rate. <i>Journal of Computational and Applied Mathematics</i> , 2020, 374, 112771.	2.0	6
16	The strong convergence and stability of explicit approximations for nonlinear stochastic delay differential equations. <i>Numerical Algorithms</i> , 2022, 89, 855-883.	1.9	5
17	Asymptotic Properties of Multi-species Lotka–Volterra Models with Regime Switching Involving Weak and Strong Interactions. <i>Journal of Nonlinear Science</i> , 2020, 30, 565-601.	2.1	4
18	Corrigendum to: Explicit numerical approximations for stochastic differential equations in finite and infinite horizons: truncation methods, convergence in pth moment and stability. <i>IMA Journal of Numerical Analysis</i> , 2019, 39, 2168-2168.	2.9	3

#	ARTICLE	IF	CITATIONS
19	On stochastic multi-group Lotka-Volterra ecosystems with regime switching. Discrete and Continuous Dynamical Systems - Series B, 2017, 22, 3499-3528.	0.9	3
20	Dynamical Behavior of the Stochastic Delay Mutualism System. Abstract and Applied Analysis, 2014, 2014, 1-19.	0.7	0