Qun Liu

List of Publications by Year
in descending order

50 papers	1,016 citations	566801 15 h-index	433756 31 g-index
50 all docs	50 docs citations	50 times ranked	314 citing authors

#	Article	IF	Citations
1	Dynamics of a stochastic multigroup S-DI-A model for the transmission of HIV. Applicable Analysis, 2022, 101, 747-772.	0.6	2
2	Dynamics of a stochastic HIV/AIDS model with treatment under regime switching. Discrete and Continuous Dynamical Systems - Series B, 2022, 27, 3177.	0.5	3
3	Dynamics of a stochastic multigroup SEI epidemic model. Stochastic Analysis and Applications, 2022, 40, 623-656.	0.9	2
4	Stationary distribution and extinction of a stochastic multigroup DS-DI-a model for the transmission of HIV. Stochastic Analysis and Applications, 2022, 40, 830-853.	0.9	2
5	Stationary distribution of a stochastic model for the transmission dynamics of criminality and victimization with migration. Stochastic Analysis and Applications, 2022, 40, 996-1025.	0.9	1
6	Virus infection model under nonlinear perturbation: Ergodic stationary distribution and extinction. Journal of the Franklin Institute, 2022, 359, 11039-11067.	1.9	6
7	Analysis of a stochastic logistic model with diffusion and Ornstein–Uhlenbeck process. Journal of Mathematical Physics, 2022, 63, .	0.5	9
8	Stationary distribution and extinction of a stochastic model of syphilis transmission in an MSM population with telegraph noises. Journal of Applied Mathematics and Computing, 2021, 66, 645-672.	1.2	7
9	A note on the stationary distribution of a three-species food web stochastic model with generalist predator. Applied Mathematics Letters, 2021, 114, 106929.	1.5	6
10	Threshold Dynamics of a Non-Linear Stochastic Viral Model with Time Delay and CTL Responsiveness. Life, 2021, 11, 766.	1.1	3
11	Ergodic property, extinction and density function of a stochastic SIR epidemic model with nonlinear incidence and general stochastic perturbations. Chaos, Solitons and Fractals, 2021, 152, 111338.	2.5	17
12	On the Dynamics Behaviors of a Stochastic Echinococcosis Infection Model with Environmental Noise. Discrete Dynamics in Nature and Society, 2021, 2021, 1-18.	0.5	1
13	Periodic Solutions of a Stochastic Food-Limited Mutualism Model. Methodology and Computing in Applied Probability, 2020, 22, 267-278.	0.7	7
14	Influence of stochastic perturbation on an SIRI epidemic model with relapse. Applicable Analysis, 2020, 99, 549-568.	0.6	3
15	Stationary Distribution and Extinction of a Stochastic HIV-1 Infection Model with Distributed Delay and Logistic Growth. Journal of Nonlinear Science, 2020, 30, 369-395.	1.0	17
16	Stationary distribution of a stochastic cholera model with imperfect vaccination. Physica A: Statistical Mechanics and Its Applications, 2020, 550, 124031.	1.2	5
17	Dynamical behavior of stochastic predator-prey models with distributed delay and general functional response. Stochastic Analysis and Applications, 2020, 38, 403-426.	0.9	6
18	Dynamics and density function analysis of a stochastic SVI epidemic model with half saturated incidence rate. Chaos, Solitons and Fractals, 2020, 137, 109865.	2.5	53

#	Article	IF	Citations
19	Dynamics of a multigroup SIQS epidemic model under regime switching. Stochastic Analysis and Applications, 2020, 38, 769-796.	0.9	8
20	Dynamical behavior of a stochastic predator-prey model with stage structure for prey. Stochastic Analysis and Applications, 2020, 38, 647-667.	0.9	8
21	The impact of virus carrier screening and actively seeking treatment on dynamical behavior of a stochastic HIV/AIDS infection model. Applied Mathematical Modelling, 2020, 85, 378-404.	2.2	26
22	Dynamics of a stochastic tuberculosis transmission model with treatment at home. Stochastic Analysis and Applications, 2020, 38, 979-1000.	0.9	0
23	The stationary distribution and extinction of a double thresholds HTLV-I infection model with nonlinear CTL immune response disturbed by white noise. International Journal of Biomathematics, 2019, 12, 1950058.	1.5	3
24	Threshold of a regime-switching SIRS epidemic model with a ratio-dependent incidence rate. Physica A: Statistical Mechanics and Its Applications, 2019, 521, 614-625.	1.2	1
25	Threshold dynamics of a stochastic SIS epidemic model with nonlinear incidence rate. Physica A: Statistical Mechanics and Its Applications, 2019, 526, 120946.	1.2	6
26	The dynamics of a stochastic vaccinated tuberculosis model with treatment. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121274.	1.2	11
27	Dynamical behavior of a stochastic multigroup SIR epidemic model. Physica A: Statistical Mechanics and Its Applications, 2019, 526, 120975.	1.2	9
28	Dynamics of a multigroup SIS epidemic model with standard incidence rates and Markovian switching. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121270.	1.2	5
29	Long-time behaviour of a stochastic chemostat model with distributed delay. Stochastics, 2019, 91, 1141-1163.	0.6	6
30	Stationary distribution and extinction of a stochastic one-prey two-predator model with Holling type II functional response. Stochastic Analysis and Applications, 2019, 37, 321-345.	0.9	14
31	Stationary distribution of a stochastic predator–prey model with distributed delay and general functional response. Physica A: Statistical Mechanics and Its Applications, 2019, 513, 273-287.	1.2	5
32	Dynamical behavior of a stochastic model of gene expression with distributed delay and degenerate diffusion. Stochastic Analysis and Applications, 2018, 36, 584-599.	0.9	4
33	Dynamics of a Stochastic Predator–Prey Model with Stage Structure for Predator and Holling Type II Functional Response. Journal of Nonlinear Science, 2018, 28, 1151-1187.	1.0	68
34	Stationary distribution and extinction of a stochastic SIRI epidemic model with relapse. Stochastic Analysis and Applications, 2018, 36, 138-151.	0.9	26
35	Periodic Solution and Stationary Distribution of Stochastic Predator–Prey Models with Higher-Order Perturbation. Journal of Nonlinear Science, 2018, 28, 423-442.	1.0	31
36	Dynamics of DS–I–A epidemic model with multiple stochastic perturbations. Mathematical Methods in the Applied Sciences, 2018, 41, 6024-6049.	1.2	1

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37	Threshold behavior in a stochastic HTLVâ€‘ infection model with CTL immune response and regime switching. Mathematical Methods in the Applied Sciences, 2018, 41, 6866-6882.	1.2	19
38	Periodic solution and stationary distribution of stochastic SIR epidemic models with higher order perturbation. Physica A: Statistical Mechanics and Its Applications, 2017, 482, 209-217.	1.2	25
39	Stationary distribution and extinction of the DS-I-A model disease with periodic parameter function and Markovian switching. Applied Mathematics and Computation, 2017, 311, 66-84.	1.4	10
40	Stationary distribution of a stochastic SIS epidemic model with double diseases and the Beddington-DeAngelis incidence. Chaos, 2017, 27, 083126.	1.0	16
41	Dynamics of a stochastic HIV-1 infection model with logistic growth. Physica A: Statistical Mechanics and Its Applications, 2017, 469, 706-717.	1.2	36
42	Asymptotic behavior of a stochastic delayed SEIR epidemic model with nonlinear incidence. Physica A: Statistical Mechanics and Its Applications, 2016, 462, 870-882.	1.2	40
43	Nontrivial periodic solution of a stochastic non-autonomous SISV epidemic model. Physica A: Statistical Mechanics and Its Applications, 2016, 462, 837-845.	1.2	18
44	Stationary distribution of stochastic SIS epidemic model with vaccination under regime switching. Applied Mathematics Letters, 2016, 59, 87-93.	1.5	107
45	The extinction and persistence of the stochastic SIS epidemic model with vaccination. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 4916-4927.	1.2	124
46	The ergodicity and extinction of stochastically perturbed SIR and SEIR epidemic models with saturated incidence. Journal of Mathematical Analysis and Applications, 2012, 388, 248-271.	0.5	172
47	The long time behavior of DI SIR epidemic model with stochastic perturbation. Journal of Mathematical Analysis and Applications, 2010, 372, 162-180.	0.5	60
48	Dynamical behavior of a stochastic multigroup staged-progression HIV model with saturated incidence rate and higher-order perturbations. International Journal of Biomathematics, 0, , 2150051.	1.5	5
49	Stationary distribution and periodic solution of a stochastic Nicholson's blowflies model with distributed delay. Mathematical Methods in the Applied Sciences, 0, , .	1.2	1
50	The impact of nonlinear perturbation to the dynamics of HIV model. Mathematical Methods in the Applied Sciences, 0, , .	1.2	1