Chuntian Wang

List of Publications by Year
in descending order

12 papers	101 citations	1684188 5 h-index	1474206 9 g-index
12 all docs	12 docs citations	12 times ranked	64 citing authors

#	Article	IF	Citations
1	A martingale formulation for stochastic compartmental susceptible-infected-recovered (SIR) models to analyze finite size effects in COVID-19 case studies. Networks and Heterogeneous Media, 2022, .	1.1	0
2	A multiscale stochastic criminal behavior model and the convergence to a piecewise-deterministic-Markov-process limit. Mathematical Models and Methods in Applied Sciences, 2022, 32, 619-645.	3.3	0
3	A stochastic-statistical residential burglary model with independent Poisson clocks. European Journal of Applied Mathematics, 2021, 32, 32-58.	2.9	4
4	A multiscale stochastic criminal behavior model under a hybrid scheme. Electronic Research Archive, 2021, 29, 2741-2753.	0.9	1
5	A multilayer network model of the coevolution of the spread of a disease and competing opinions. Mathematical Models and Methods in Applied Sciences, 2021, 31, 2455-2494.	3.3	27
6	A Stochastic-Statistical Residential Burglary Model with Finite Size Effects. Modeling and Simulation in Science, Engineering and Technology, 2019, , 245-274.	0.6	4
7	Crime modeling with truncated LÃ©vy flights for residential burglary models. Mathematical Models and Methods in Applied Sciences, 2018, 28, 1857-1880.	3.3	19
8	Time discrete approximation of weak solutions to stochastic equations of geophysical fluid dynamics and applications. Chinese Annals of Mathematics Series B, 2017, 38, 425-472.	0.4	7
9	Local Existence of Strong Solutions to the 3D Zakharov-Kuznetsov Equation in a Bounded Domain. Applied Mathematics and Optimization, 2014, 69, 1-19.	1.6	8
10	Martingale and pathwise solutions to the stochastic Zakharov-Kuznetsov equation with multiplicative noise. Discrete and Continuous Dynamical Systems - Series B, 2014, 19, 1047-1085.	0.9	5
11	The existence of strong solutions to the $3D$ Zakharov-Kuznestov equation in a bounded domain. Discrete and Continuous Dynamical Systems, 2014, 34, 4897-4910.	0.9	0
12	An initial and boundary-value problem for the Zakharov-Kuznestov equation in a bounded domain. Journal of Mathematical Physics, 2012, 53, .	1.1	26