

Chuntian Wang

List of Publications by Year in descending order

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Version: 2024-02-01

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