Lijun Pei

List of Publications by Year
in descending order

22 papers	133 citations	1478280 6 h-index	1281743 11 g-index
23 all docs	23 docs citations	23 times ranked	84 citing authors

#	ARTICLE	IF	CITATIONS
1	Bifurcation dynamics of the modified physiological model of artificial pancreas with insulin secretion delay. Nonlinear Dynamics, 2011, 63, 417-427.	2.7	20
2	Forecast of China's Carbon Emissions Based on ARIMA Method. Discrete Dynamics in Nature and Society, 2021, 2021, 1-12.	0.5	18
3	Double Hopf bifurcation of differential equation with linearly state-dependent delays via MMS. Applied Mathematics and Computation, 2019, 341, 256-276.	1.4	15
4	Long-term predictions of current confirmed and dead cases of COVID-19 in China by the non-autonomous delayed epidemic models. Cognitive Neurodynamics, 2022, 16, 229-238.	2.3	12
5	Complicated oscillations and non-resonant double Hopf bifurcation of multiple feedback delayed control system of the gut microbiota. Nonlinear Analysis: Real World Applications, 2020, 54, 103091.	0.9	9
6	Analysis of Hopf bifurcations in differential equations with state‐dependent delays via multiple scales method. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2018, 98, 789-801.	0.9	8
7	Prediction of numbers of the accumulative confirmed patients (NACP) and the plateau phase of 2019-nCoV in China. Cognitive Neurodynamics, 2020, 14, 411-424.	2.3	8
8	Complex Dynamics and Periodic Oscillation Mechanism in Two Novel Gene Expression Models with State-Dependent Delays. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150002.	0.7	7
9	Periodic solutions, chaos and bi-stability in the state-dependent delayed homogeneous Additive Increase and Multiplicative Decrease/Random Early Detection congestion control systems. Mathematics and Computers in Simulation, 2021, 182, 871-887.	2.4	6
10	Long-Term Predictions of COVID-19 in Some Countries by the SIRD Model. Complexity, 2021, 2021, 1-18.	0.9	6
11	Dynamics and the periodic solutions of the delayed non-smooth Internet TCP-RED congestion control system via HB‐AFT. Applied Mathematics and Computation, 2019, 361, 689-702.	1.4	4
12	Periodic, Quasi-Periodic and Chaotic Oscillations in Two Heterogeneous AIMD/RED Network Congestion Models with State-Dependent Round-Trip Delays. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150124.	0.7	4
13	Hopf Bifurcation of the Wireless Network Congestion Model with State-Dependent Round Trip Delay. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850110.	0.7	3
14	Prediction of Period-1 oscillations of the state-dependent delayed compound TCP model with PIE queue management policy via HDHBM. Communications in Nonlinear Science and Numerical Simulation, 2019, 67, 26-36.	1.7	3
15	Long-term prediction of the sporadic COVID-19 epidemics induced by $$delta$$-virus in China based on a novel non-autonomous delayed SIR model. European Physical Journal: Special Topics, 2022, 231, 3649-3662.	1.2	3
16	Periodic solutions and complicated dynamics in network congestion control systems with state-dependent round-trip delays and non-smooth dropping probability. Chaos, 2020, 30, 053105.	1.0	2
17	Double Hopf bifurcation and stability of Koren‐Feingold cloud‐rain system with rain production delay. European Physical Journal: Special Topics, 0, , 1.	1.2	2
18	Dynamics and control of the active control system with the state-dependent actuation time delay. European Physical Journal: Special Topics, 2020, 229, 2275-2293.	1.2	1

#	ARTICLE	IF	CITATIONS
19	Sudden Transition from Equilibrium to Hybrid Chaos and Periodic Oscillations of the State-Dependent Round-Trip Delayed Nonsmooth Compound TCP with GRED Congestion Control System via HB-AFT. Complexity, 2020, 2020, 1-15.	0.9	1
20	Periodic, Quasi-Periodic and Phase-Locked Oscillations and Stability in the Fiscal Dynamical Model with Tax Collection and Decision-Making Delays. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, .	0.7	1
21	Possibility of long-termed prediction of NACPs and NADPs of COVID-19 in different countries and regions via tanh basic functions. International Journal of Dynamics and Control, 2021, 9, 1351-1357.	1.5	0
22	Complicated Dynamics of a Delayed Photonic Reservoir Computing System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2022, 32, .	0.7	0