Lei Zhang

List of Publications by Year
in descending order

9 papers	199 citations	1937685 4 h-index	1588992 8 g-index
9 all docs	9 docs citations	9 times ranked	63 citing authors

#	Article	IF	Citations
1	Effects of Asymptomatic Infections on the Spatial Spread of Infectious Diseases. SIAM Journal on Applied Mathematics, 2022, 82, 899-923.	1.8	2
2	Dynamical analysis of a mathematical model of disease spreading on networks with symptomatic and asymptomatic infectors. Mathematical Methods in the Applied Sciences, 2021, 44, 3771-3785.	2.3	1
3	Asymptotic Behavior of the Basic Reproduction Ratio for Periodic Reaction-Diffusion Systems. SIAM Journal on Mathematical Analysis, 2021, 53, 6873-6909.	1.9	16
4	Analysis of spreading speeds for monotone semiflows with an application to CNNs. European Journal of Applied Mathematics, 2020, 31, 369-384.	2.9	1
5	The principal eigenvalue for periodic nonlocal dispersal systems with time delay. Journal of Differential Equations, 2019, 266, 2100-2124.	2.2	16
6	Basic Reproduction Ratios for Periodic Abstract Functional Differential Equations (with Application) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	110
7	The Principal Eigenvalue for Degenerate Periodic Reaction-Diffusion Systems. SIAM Journal on Mathematical Analysis, 2017, 49, 3603-3636.	1.9	47
8	Remarks on basic reproduction ratios for periodic abstract functional differential equations. Discrete and Continuous Dynamical Systems - Series B, 2017, 22, 1-12.	0.9	4
9	Asymptotic behavior of the principal eigenvalue and the basic reproduction ratio for periodic patch models. Science China Mathematics, 0, , 1.	1.7	2