

# Concentration profile of endemic equilibrium of a react epidemic model

Calculus of Variations and Partial Differential Equations

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Dynamics and asymptotic profiles of steady states of an epidemic model in advective environments. <i>Journal of Differential Equations</i> , 2017, 263, 2343-2373.	1.1	139
2	An SIS epidemic reaction-diffusion model with spontaneous infection in a spatially heterogeneous environment. <i>Nonlinear Analysis: Real World Applications</i> , 2018, 41, 443-460.	0.9	46
3	Global dynamics of an SIR epidemic model with nonlocal diffusion. <i>Nonlinear Analysis: Real World Applications</i> , 2018, 43, 262-282.	0.9	49
4	Asymptotic profiles of the endemic equilibrium to a diffusive SIS epidemic model with mass action infection mechanism. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 458, 715-729.	0.5	43
5	On a vector-host epidemic model with spatial structure. <i>Nonlinearity</i> , 2018, 31, 5589-5614.	0.6	48
6	On a Diffusive Susceptible-Infected-Susceptible Epidemic Model with Mass Action Mechanism and Birth-Death Effect: Analysis, Simulations, and Comparison with Other Mechanisms. <i>SIAM Journal on Applied Mathematics</i> , 2018, 78, 2129-2153.	0.8	126
7	Dynamics and asymptotic profiles of endemic equilibrium for SIS epidemic patch models. <i>Journal of Mathematical Biology</i> , 2019, 79, 1279-1317.	0.8	28
8	Global stability of equilibria of a diffusive SEIR epidemic model with nonlinear incidence. <i>Applied Mathematics Letters</i> , 2019, 98, 114-120.	1.5	39
9	Pattern Dynamics of an SIS Epidemic Model with Nonlocal Delay. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2019, 29, 1950027.	0.7	24
10	Long-time dynamics of an SIRS reaction-diffusion epidemic model. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 475, 1910-1926.	0.5	30
11	On the Basic Reproduction Number of Reaction-Diffusion Epidemic Models. <i>SIAM Journal on Applied Mathematics</i> , 2019, 79, 284-304.	0.8	67
12	Dynamics and asymptotic profiles of endemic equilibrium for two frequency-dependent SIS epidemic models with cross-diffusion. <i>European Journal of Applied Mathematics</i> , 2020, 31, 26-56.	1.4	52
13	A weighted networked SIRS epidemic model. <i>Journal of Differential Equations</i> , 2020, 269, 10995-11019.	1.1	11
14	Long-time dynamics of a reaction-diffusion system with negative feedback and inhibition. <i>Applied Mathematics Letters</i> , 2020, 107, 106475.	1.5	2
15	Asymptotic profiles of endemic equilibrium of a diffusive SIS epidemic system with nonlinear incidence function in a heterogeneous environment. <i>Proceedings of the American Mathematical Society</i> , 2020, 148, 4445-4453.	0.4	8
16	Asymptotic behavior of an SIS reaction-diffusion-advection model with saturation and spontaneous infection mechanism. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2020, 71, 1.	0.7	7
17	A reaction-diffusion SIS epidemic model with saturated incidence rate and logistic source. <i>Applicable Analysis</i> , 2020, , 1-20.	0.6	2
18	Asymptotic profiles of the steady states for an SIS epidemic patch model with asymmetric connectivity matrix. <i>Journal of Mathematical Biology</i> , 2020, 80, 2327-2361.	0.8	25

#	ARTICLE	IF	CITATIONS
19	Global threshold dynamics of an infection age-structured SIR epidemic model with diffusion under the Dirichlet boundary condition. <i>Journal of Differential Equations</i> , 2020, 269, 117-148.	1.1	38
20	Asymptotic Profiles of Basic Reproduction Number for Epidemic Spreading in Heterogeneous Environment. <i>SIAM Journal on Applied Mathematics</i> , 2020, 80, 1247-1271.	0.8	20
21	Analysis on a diffusive SIS epidemic model with saturated incidence rate and linear source in a heterogeneous environment. <i>Journal of Mathematical Analysis and Applications</i> , 2020, 490, 124212.	0.5	20
22	Qualitative analysis on a diffusive SIS epidemic system with logistic source and spontaneous infection in a heterogeneous environment. <i>Nonlinear Analysis: Real World Applications</i> , 2020, 55, 103115.	0.9	19
23	Spatiotemporal dynamics analysis and optimal control method for an SI reaction-diffusion propagation model. <i>Journal of Mathematical Analysis and Applications</i> , 2021, 493, 124539.	0.5	16
24	Global stabilization and boundary control of generalized Fisher/KPP equation and application to diffusive SIS model. <i>Journal of Differential Equations</i> , 2021, 275, 391-417.	1.1	7
25	Deciphering role of inter and intracity human dispersal on epidemic spread via coupled reaction-diffusion models. <i>Journal of Applied Mathematics and Computing</i> , 2021, 66, 769-808.	1.2	2
26	A spatial SIS model in heterogeneous environments with vary advective rate. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 5449-5477.	1.0	1
27	Global $L^\infty$ -bounds and Long-time Behavior of a Diffusive Epidemic System in A Heterogeneous Environment. <i>SIAM Journal on Mathematical Analysis</i> , 2021, 53, 2776-2810.	0.9	15
28	MODELING THE SPREAD OF WEST NILE VIRUS IN A SPATIALLY HETEROGENEOUS AND ADVECTIVE ENVIRONMENT. <i>Journal of Applied Analysis and Computation</i> , 2021, 11, 1868-1897.	0.2	3
29	Concentration phenomenon of the endemic equilibrium of a reaction-diffusion-advection SIS epidemic model with spontaneous infection. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2022, 27, 3077.	0.5	5
30	Dynamics and Profiles of a Diffusive Cholera Model with Bacterial Hyperinfectivity and Distinct Dispersal Rates. <i>Journal of Dynamics and Differential Equations</i> , 2023, 35, 1205-1241.	1.0	16
31	Hopf bifurcation of a diffusive SIS epidemic system with delay in heterogeneous environment. <i>Applicable Analysis</i> , 0, , 1-26.	0.6	4
32	Impact of Regional Difference in Recovery Rate on the Total Population of Infected for a Diffusive SIS Model. <i>Mathematics</i> , 2021, 9, 888.	1.1	0
33	Concentration behavior of endemic equilibrium for a reaction-diffusion-advection SIS epidemic model with mass action infection mechanism. <i>Calculus of Variations and Partial Differential Equations</i> , 2021, 60, 1.	0.9	21
34	Large time behavior in a diffusive SEIR epidemic model with general incidence. <i>Applied Mathematics Letters</i> , 2021, 120, 107322.	1.5	3
35	Qualitative analysis on an SIRS reaction-diffusion epidemic model with saturation infection mechanism. <i>Nonlinear Analysis: Real World Applications</i> , 2021, 62, 103364.	0.9	14
36	Asymptotic profiles of the endemic equilibrium of a reaction-diffusion-advection SIS epidemic model with saturated incidence rate. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2021, 26, 2997.	0.5	11

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37	Asymptotic profile of endemic equilibrium to a diffusive epidemic model with saturated incidence rate. <i>Mathematical Biosciences and Engineering</i> , 2019, 16, 3885-3913.	1.0	16
38	Existence and asymptotic profiles of the steady state for a diffusive epidemic model with saturated incidence and spontaneous infection mechanism. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021, .	0.6	0
39	Dynamics of an SIRS epidemic model with cross-diffusion. <i>Communications on Pure and Applied Analysis</i> , 2021, .	0.4	1
40	Analysis on a diffusive SEI epidemic model with/without immigration of infected hosts. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021, .	0.6	1
41	Classifying the level set of principal eigenvalue for time-periodic parabolic operators and applications. <i>Journal of Functional Analysis</i> , 2022, 282, 109338.	0.7	10
42	A reaction-diffusion-advection SIS epidemic model with linear external source and open advective environments. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2022, 27, 6655.	0.5	2
43	Dynamics of diffusive nutrient-microorganism model with spatially heterogeneous environment. <i>Journal of Mathematical Analysis and Applications</i> , 2022, 511, 126078.	0.5	5
44	Analysis on a Diffusive SI Epidemic Model with Logistic Source and Saturation Infection Mechanism. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2022, 45, 1111-1140.	0.4	4
45	SIS reaction-diffusion model with risk-induced dispersal under free boundary. <i>Nonlinear Analysis: Real World Applications</i> , 2022, 67, 103605.	0.9	3
46	Global properties of an SIR epidemic model with nonlocal diffusion and immigration. <i>Results in Physics</i> , 2022, , 105758.	2.0	3
47	Qualitative analysis on a spatial SIS epidemic model with linear source in advective environments: I standard incidence. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2022, 73, .	0.7	1
48	On the Conjecture of the Role of Advection in a Two-Species Competition-Diffusion Model. <i>SIAM Journal on Applied Dynamical Systems</i> , 2022, 21, 1663-1685.	0.7	1
49	Dynamics and asymptotic profiles of a nonlocal dispersal SIS epidemic model with bilinear incidence and Neumann boundary conditions. <i>Journal of Differential Equations</i> , 2022, 335, 294-346.	1.1	4
50	On the Dynamics of a Diffusive Foot-and-Mouth Disease Model with Nonlocal Infections. <i>SIAM Journal on Applied Mathematics</i> , 2022, 82, 1587-1610.	0.8	31
51	Asymptotic profiles of positive steady states for a diffusive predator-prey model with predator interference. <i>Nonlinear Analysis: Real World Applications</i> , 2023, 69, 103744.	0.9	0
52	Analysis on a diffusive SIRS epidemic model with logistic source and saturated incidence rate. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2023, 28, 2960-2980.	0.5	2
53	Spatial Segregation in Reaction-Diffusion Epidemic Models. <i>SIAM Journal on Applied Mathematics</i> , 2022, 82, 1680-1709.	0.8	11
54	An SIS epidemic model with mass action infection mechanism in a patchy environment. <i>Studies in Applied Mathematics</i> , 2023, 150, 650-704.	1.1	3

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